

**Pir Mehr Ali Shah
Arid Agriculture University, Rawalpindi**



Self-Assessment Report for BS (Software Engineering)

University Institute of Information Technology

BSSE Degree Program

2019-2021

Self-Assessment Report

Coordinator: Dr. Yasir Hafeez

Convener: Dr. Ghulam Mustafa

Members:

Dr. Rubina Ghazal

Dr. Asif Nawaz

Ms. Irum Rubab

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INTRODUCTION

Information Technology (IT) plays an important role to improve the efficiency and quality of service and has thus emerged as an integral component of every field. In the forthcoming and a knowledge revolution era, its role is even more pronounced. Only those countries, which will have a computer science (CS) and IT skilled manpower, will survive and succeed. University Institute of Information Technology (UIIT) was established in 2001 to address this terrible need. UIIT is producing CS/IT graduates who are well versed to provide IT based solutions to the problems for all the sectors in general and for Agriculture sector in particular.

The market needs committed professionals in IT and computer science. Bachelors in Software Engineering (BSSE) was offered in 2017 to meet the desires of a market. The main purpose of the BSSE degree program is to provide an opportunity to the students having fourteen years of education to acquire up-to-date technical knowledge; marketable skills, professional competencies and valuable expertise in the rapidly advancing field of Information Technology to ensure a prosperous future. The program produces graduates who will be flexible, adaptable to change, and able to face the challenges of the technology driven employment market. The degree comprises of a set of core courses, science courses, general education & supportive courses.

CRITERION 1: PROGRAM MISSION, OBJECTIVES AND OUTCOMES

The course contents are regularly revised and updated with the latest developments in the field of Information Technology. The recently emerging tools and technologies have been included in the syllabus. The institute provides a variety of study programs such as Databases, Programming, Web Design and Development, Networking, to enhance student's professional training and career opportunities. It holds national seminars to exchange knowledge and information. The self-assessment is based on a number of criteria that are described below.

Standard 1-1: The program must have documented measurable objectives that support institution mission statements.

Mission Statement:

The mission of BSSE program is to prepare students as professionals by imparting high quality education in the field of computing. Graduates of the program will take appropriate professional

positions in industry and organizations, or pursue higher education and research in related disciplines. The main elements of strategic planning to achieve mission and objectives.

Program Objectives:

The main elements which are present in the plan to achieve the mission and objective are listed below:

- Development of a sound and a dynamic teaching system based on the experience and vision gathered from world reviews, literature, innovations, proceedings, symposia etc. for the award of degrees.
- Designing and constantly updating the curricula involving core subjects, elective subjects, specialized areas, internship programs and study tours.
- Setting up of well-equipped specialized laboratories depending on the available resources.
- Implementation of research projects funded by the universities and other agencies.
- Development of linkages with national and international research organizations to foster research.
- The assessment of program objectives through different criteria is presented in Table 1

Table 1: Programs Objectives Assessment

S #	Objective	How Measured	When Measured	Improvement Identified	Improvement Made
1	Development of a sound and a dynamic teaching system.	Through quizzes, assignments and exams	It is a regular process as per requisite	Latest courses should be introduced in the curriculum	Students have an idea of theoretical and computer system concepts.
2	Designing and updating the curriculum	Courses related to the field are introduced	It is a continuous process and especially before the start of the project.	Specialized courses are recommended.	Topics of specialization of certain concepts are included in an outline of the course.

3	Well-equipped specialized laboratories	Projects are given during the semester in a team.	During the semester and during the final year project.	Students need to learn to work at different levels in the team.	Work assigned to students in a team and also to complete work in time by each team member effectively.
4	Implementation of research projects	Quizzes, exams, presentation	It's a continuous process.	To make Presentations and reports	Presentations, seminars, communication skills development
5	Linkage with national and international research organizations	Asking students to produce new ideas to apply existing technologies.	Continuous activity	Classical courses in addition to latest technologies should be introduced	Course outline updated for development related courses.
6	Assessment of program objectives	During the last year of degree program.	Asking students to prepare the research survey/review related to a particular field.	Latest topics should be included in specialized courses.	The course outlines are updated to accommodate the latest concepts.

Program Learning Outcomes:

At the successful completion of BSSE degree, the students will be equipped with the following

- Have a theoretical knowledge and competence in the fundamental areas of Computer Science
- Have a breadth of knowledge in a choice of application areas in Computer Science, including databases, algorithms and computability, networks, artificial intelligence, graphics, information security.

- Be able to design and develop software systems, computer systems and algorithm approaches
- Be able to communicate effectively with a range of audiences; shall demonstrate effective oral and written communication skills while disseminating technical information about computing technology and its applications.
- Be able to analyze a problem and define the computing requirements appropriate to its solution.
- Produce research artifacts such as papers, thesis prototype systems, integrating the knowledge obtained throughout the program.

Standard 1-2: The program must have documented outcomes for graduating students. It must be documented that the outcomes support the program objectives and that graduating students are capable of performing these outcomes.

Table 2: Program Outcomes and Their Relationship with Objectives

		Program Outcomes					
		1	2	3	4	5	6
Program Objectives	1	+++	++	+++	++	++	++
	2	++	+++	+++	+	+++	++
	3	++	+	++	++	+++	++
	4	++	++	++	+++	+	++
	5	++	++	+++	+++	+++	++
	6	++	++	++	++	++	+++

+ = Moderately Satisfactory

++ = Satisfactory

+++ = Highly Satisfactory

Program Assessment Results

This section contains the Teacher Assessment and Student Course Evaluation in summarizing form.

Teacher Evaluation

There are more than Fourteen faculty members in the institute, but not all of them are involved in teaching courses in BSSE program. The teachers who teach courses in the BSSE degree program, their summarized result is given in the graph 1 below. Mr. Saud Altaf scored 85%, Ms Marya Iqbal scored 84%, Saqib Majeed has scored 80%, Asif Nawaz scored 90% , Ehtasham Azhar has scored 75%, Ms Sarfraz Bibi scored 73%, Ms Rubina Ghazal scored 84%, Irum Rubab scored 91% , Mr. Kashif Sattar scored 88%, Mr. Saif ur Rehman scored 82%, Mr. Muhammad Azhar scored 87%, Mr. Syed Mushhad Gillani has scored 79%, Ms Saba un Nisa scored 75%, Mr Ghulam Mustafa scored 81%, Ms. Sadaf Hamid scored 77%. The comparison of their score is given below.

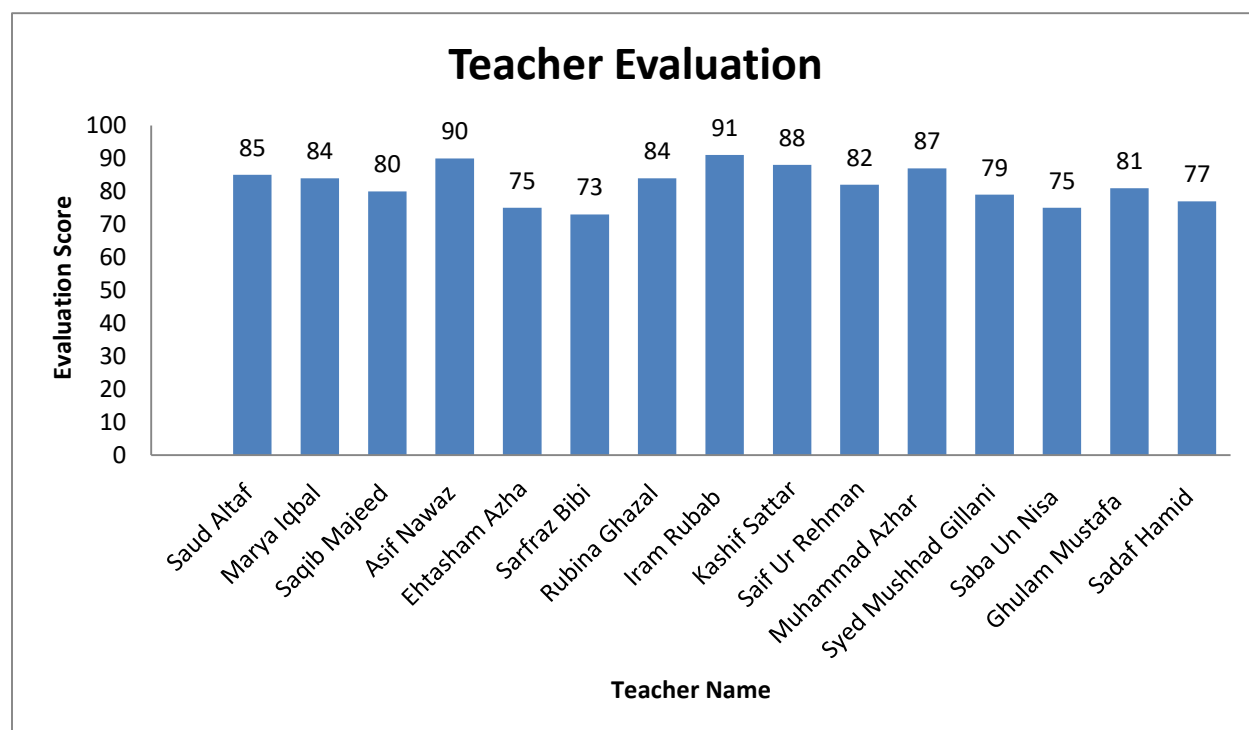
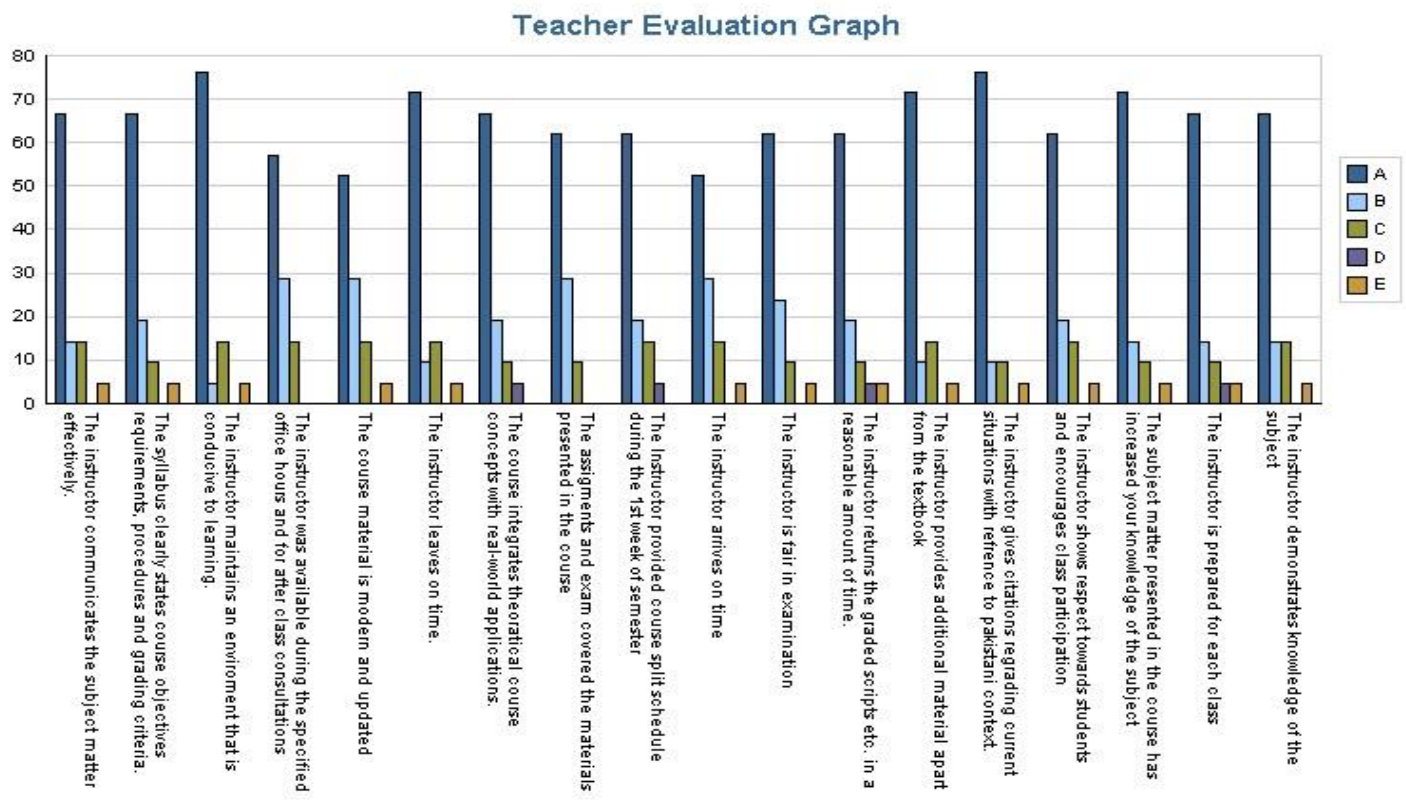


Figure 1: Teacher Evaluation Graph

Saud Altaf (Introduction To Information & Communication Technologies)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 62% are strongly agreed, 20% are agreed, 14% are uncertain, 4% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 0% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 100% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 67% are strongly agreed, 14% are agreed, 14% are uncertain, 0% are Disagreed and 5% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 75% are strongly agreed, 5% are agreed, 15% are uncertain, 0% are Disagreed and 5% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 56% are strongly agreed, 30% are agreed, 14% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



General Comments of the Students about this Teacher:

Strengths:

- The teacher is well prepared
- The teacher maintains a good environment.
- Teacher provides additional material

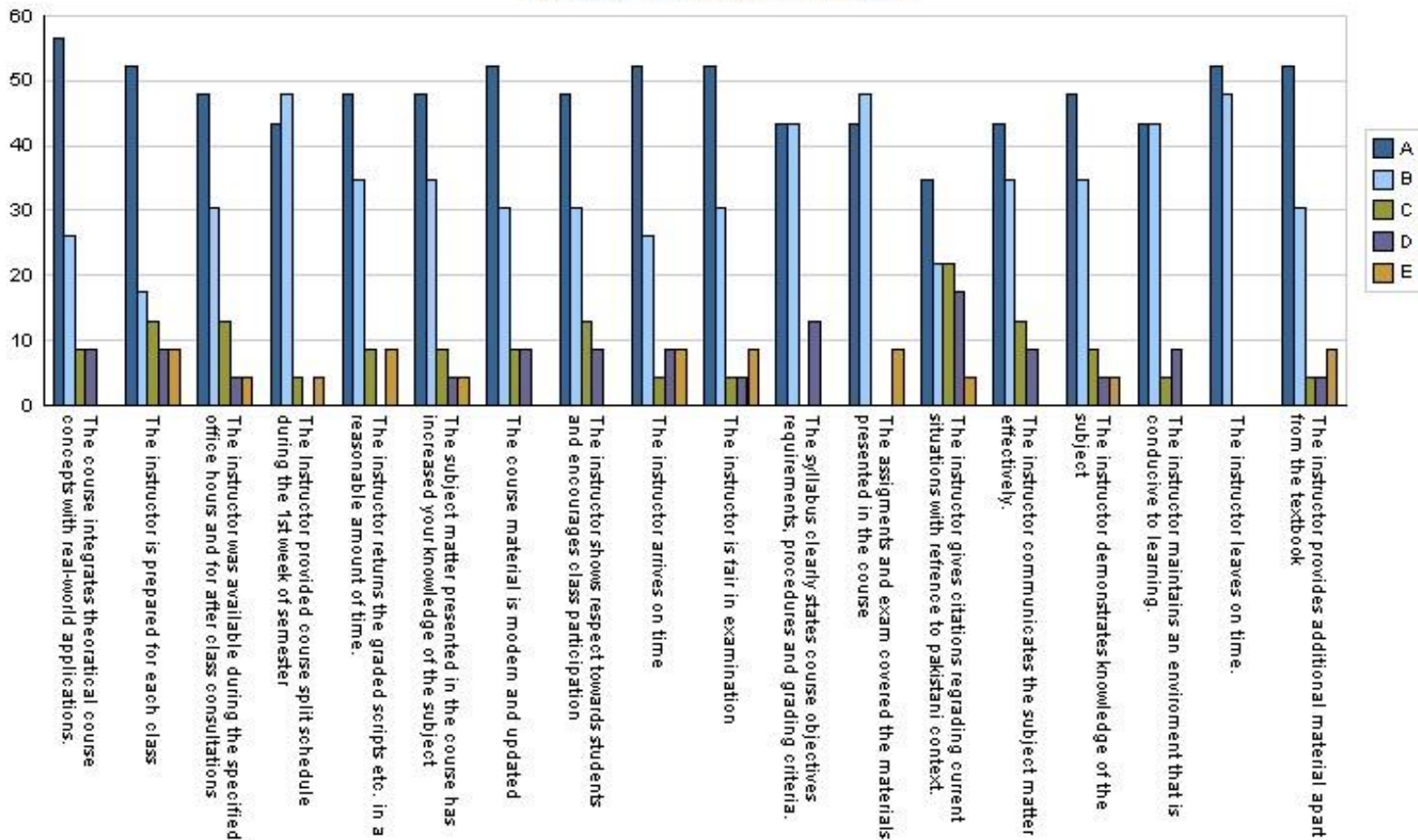
Weaknesses:

- Course needs to be updated
- The delivery of lectures needs to be improved

Marya Iqbal (Introduction To Information & Communication Technologies)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 44% are strongly agreed, 46% are agreed, 5% are uncertain, 0% are Disagreed and 5% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 57% are strongly agreed, 25% are agreed, 9% are uncertain, 9% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 49% are strongly agreed, 35% are agreed, 7% are uncertain, 5% are Disagreed and 4% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 44% are strongly agreed, 44% are agreed, 4% are uncertain, 8% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 48% are strongly agreed, 30% are agreed, 12% are uncertain, 5% are Disagreed and 5% are strongly disagreed.

Teacher Evaluation Graph



General Comments of the Students about this Teacher:

Strengths:

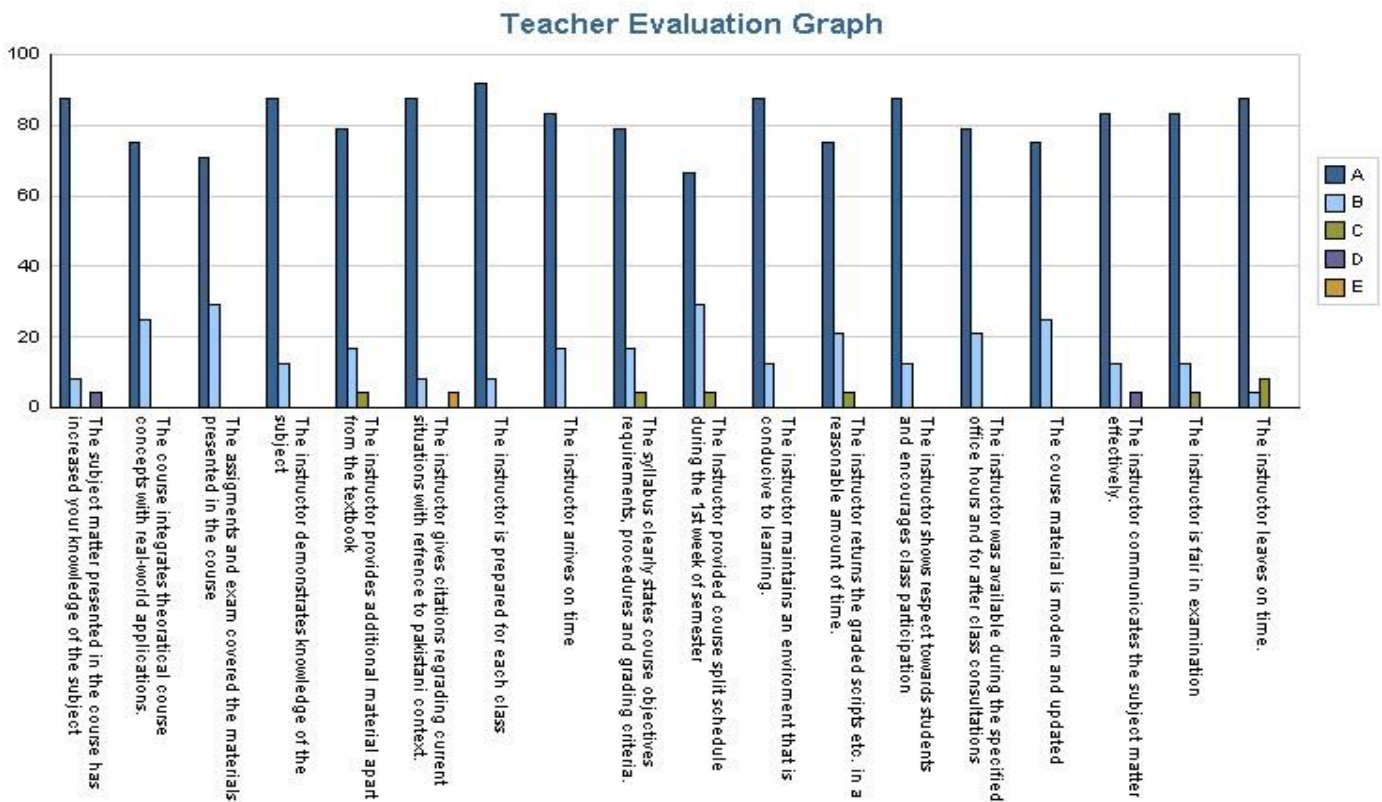
- The teacher is well prepared
- The teacher maintains a good environment.
- Teacher provides additional material

Weaknesses:

- Course needs to be updated
- The delivery of lectures needs to be improved

Saqib Majeed (Programming Fundamental)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 65% are strongly agreed, 30% are agreed, 5% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 75% are strongly agreed, 25% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 95% are strongly agreed, 5% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 85% are strongly agreed, 15% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 80% are strongly agreed, 20% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



General Comments of the Students about the Teacher:

Strength:

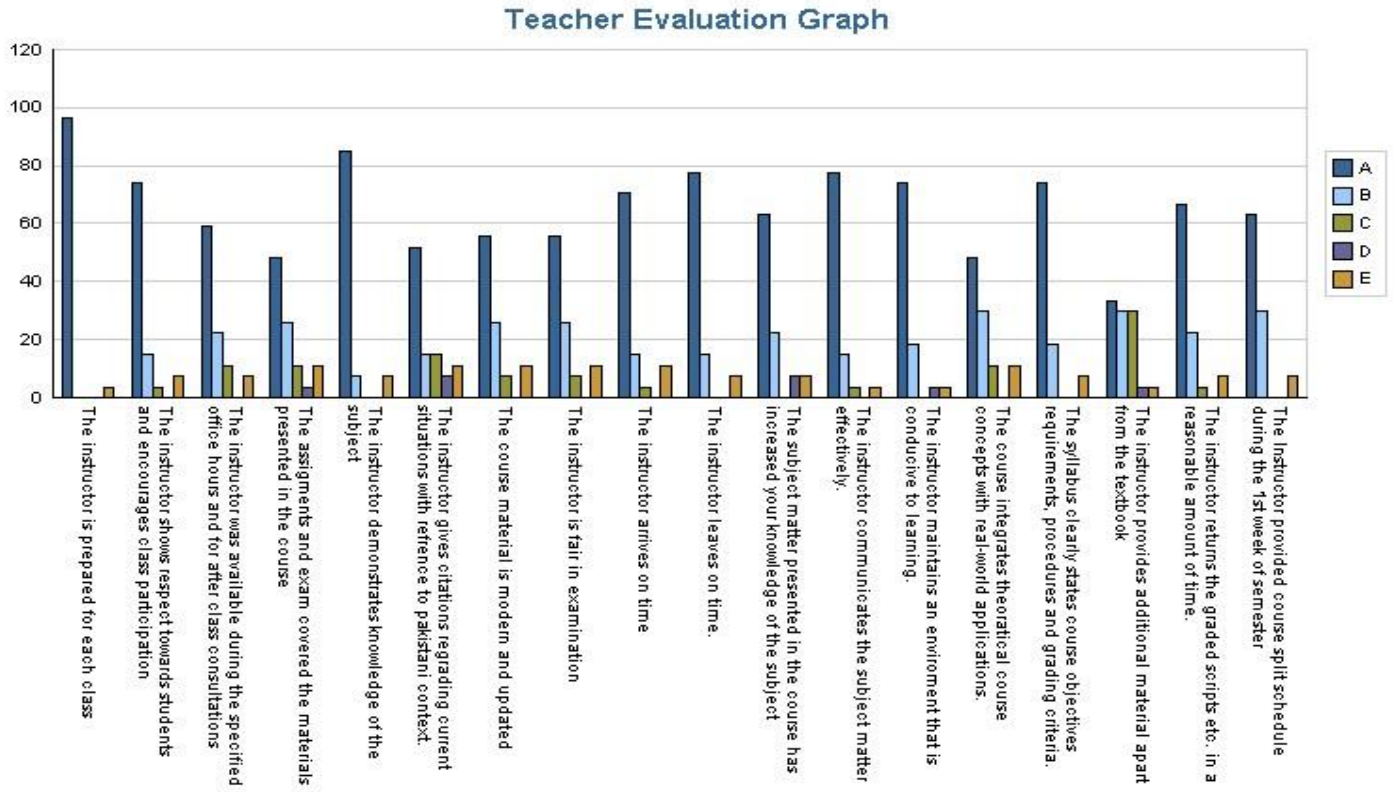
- Course material available
- Course objectives clear
- Good knowledge of the subject

Weakness:

- Should provide course outline.
- Assignments and quizzes should cover the course
- Teacher needs to be more punctual

Asif Nawaz (DATA STRUCTURE AND ALGORITHMS)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 62% are strongly agreed, 30% are agreed, 0% are uncertain, 0% are Disagreed and 8% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 45% are strongly agreed, 35% are agreed, 10% are uncertain, 0% are Disagreed and 10% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 82% are strongly agreed, 9% are agreed, 0% are uncertain, 0% are Disagreed and 9% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 77% are strongly agreed, 19% are agreed, 0% are uncertain, 2% are Disagreed and 2% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 59% are strongly agreed, 21% are agreed, 15% are uncertain, 0% are Disagreed and 5% are strongly disagreed.



General Comments of the Students about the Teacher:

Strength:

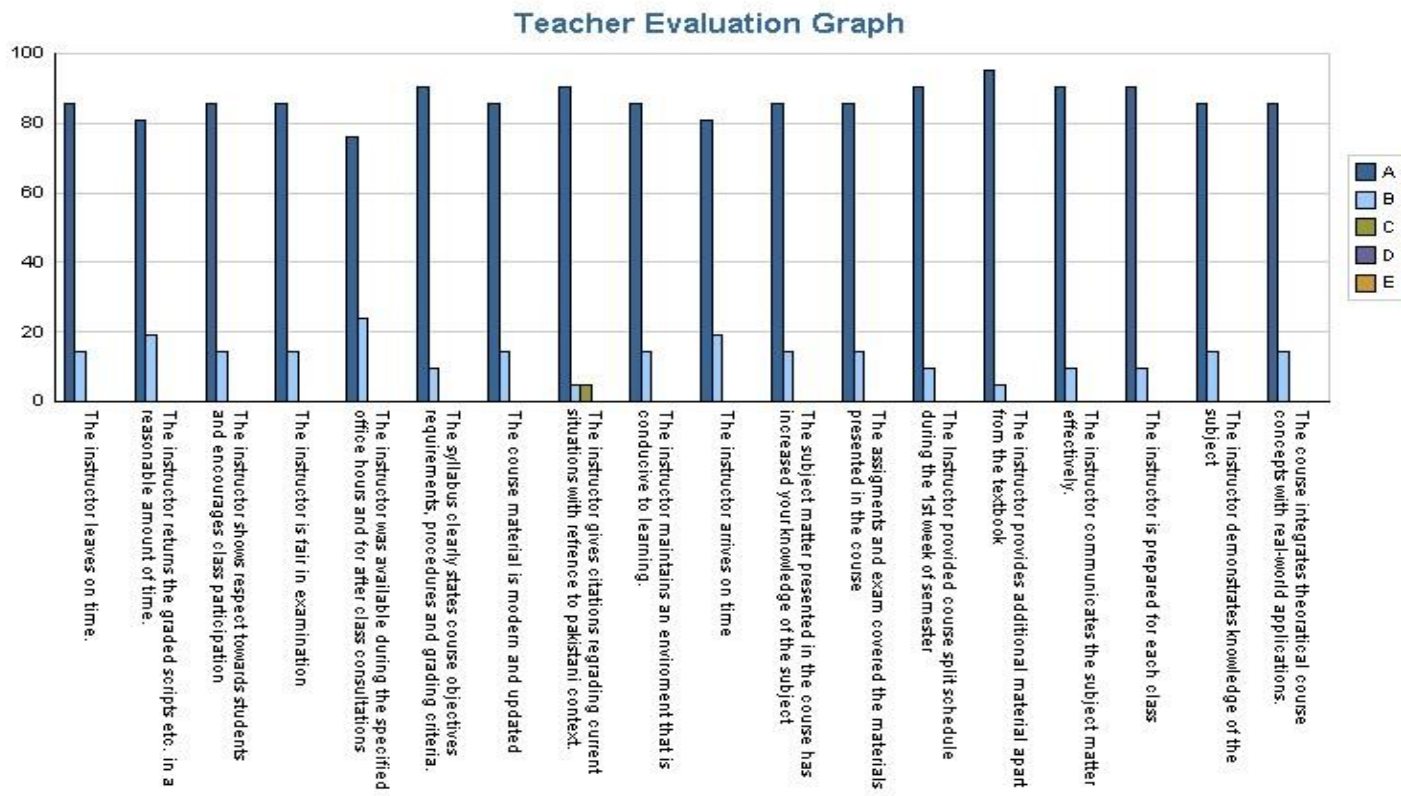
- Good environment of the class
- Gives citations regarding current situations
- Good knowledge of the subject
- Prepared for each class

Weakness:

- Should provide course outline in first week.

Hira Masood (ENGLISH COMPREHENSION)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 85% are strongly agreed, 15% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 85% are strongly agreed, 15% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 87% are strongly agreed, 13% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 85% are strongly agreed, 15% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 77% are strongly agreed, 23% are agreed, % are uncertain, 0% are Disagreed and % are strongly disagreed.



General Comments of the Students about the Teacher:

Strength:

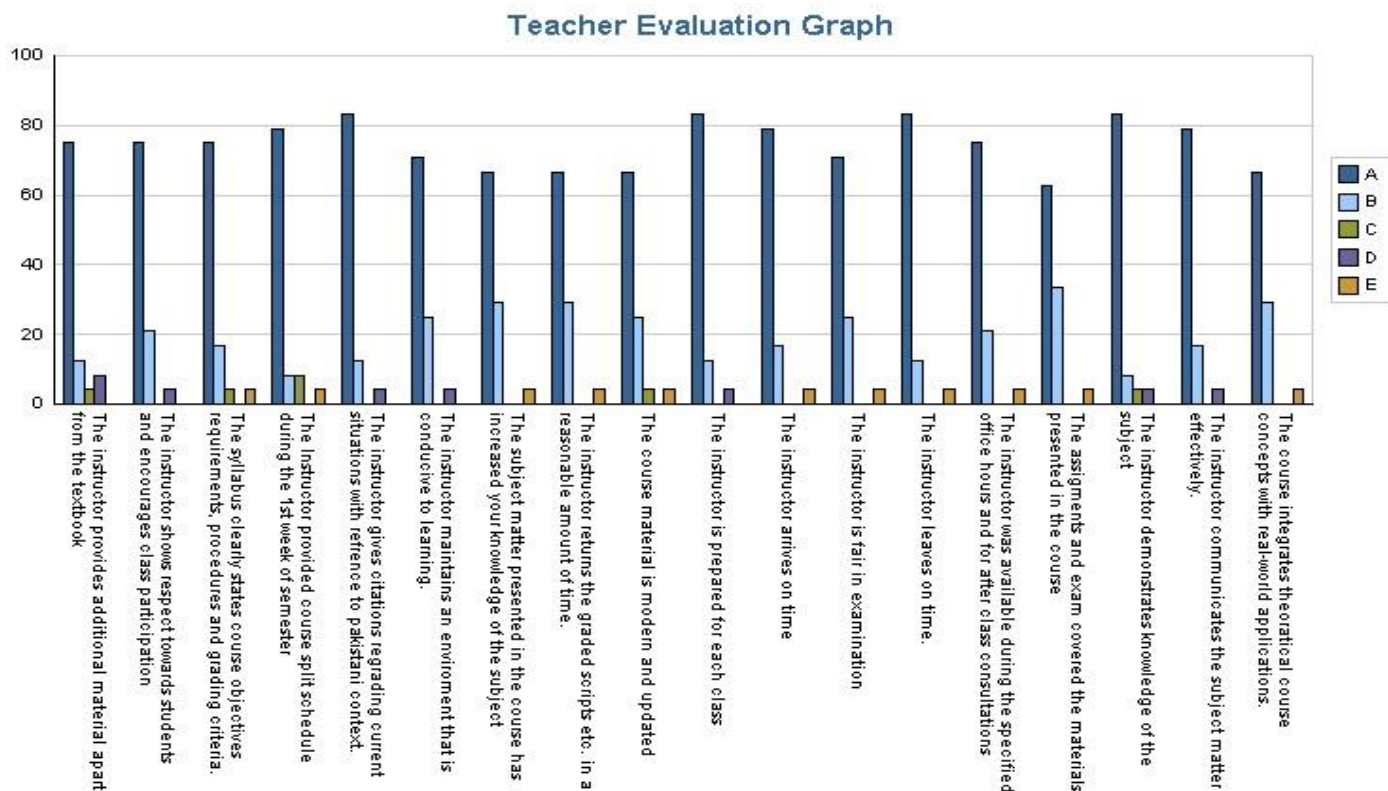
- Subject matter well presented
- Available in the specified office hours

Weakness:

- Should provide additional material
- Should give citations regarding current situations

ABDUL HAMEED(CALCULUS AND ANALYTICAL GEOMETRY)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 77% are strongly agreed, 10% are agreed, 10% are uncertain, 0% are Disagreed and 3% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 65% are strongly agreed, 25% are agreed, 0% are uncertain, 0% are Disagreed and 10% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 80% are strongly agreed, 10% are agreed, 5% are uncertain, 5% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 65% are strongly agreed, 25% are agreed, 0% are uncertain, 10% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 67% are strongly agreed, 20% are agreed, 0% are uncertain, 0% are Disagreed and 13% are strongly disagreed.



General Comments of the Students about the Teacher:

Strength:

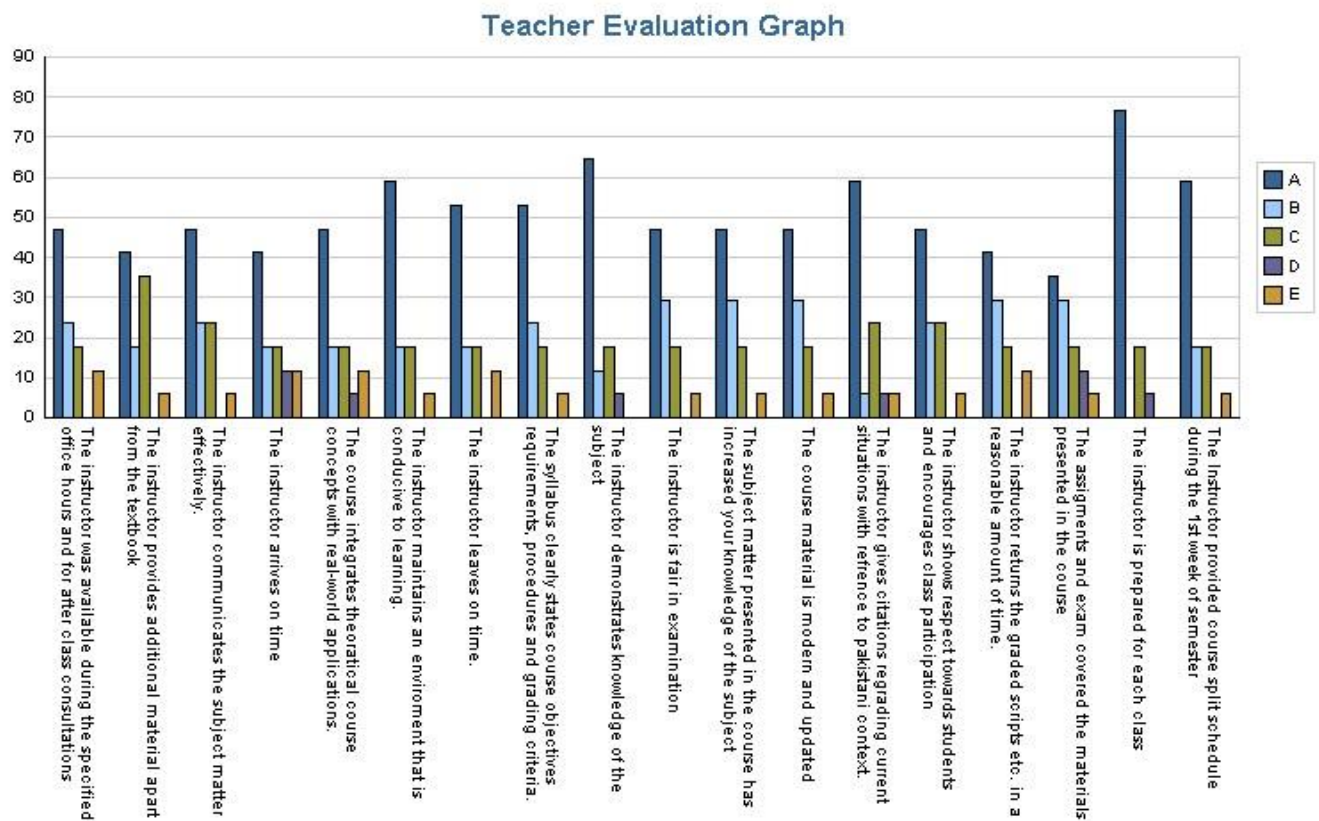
- Course material is modern and updated
- Provides course split in first week
- Good knowledge about the course

Weakness:

- Should provide additional material

Ehtasham Azhar (CALCULUS AND ANALYTICAL GEOMETRY)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 59% are strongly agreed, 19% are agreed, 19% are uncertain, 0% are Disagreed and 3% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 45% are strongly agreed, 19% are agreed, 19% are uncertain, 5% are Disagreed and 12% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 48% are strongly agreed, 28% are agreed, 18% are uncertain, 0% are Disagreed and 6% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 58% are strongly agreed, 18% are agreed, 18% are uncertain, 0% are Disagreed and 6% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 48% are strongly agreed, 22% are agreed, 18% are uncertain, 0% are Disagreed and 12% are strongly disagreed.



General Comments of the Students about the Teacher

Strength:

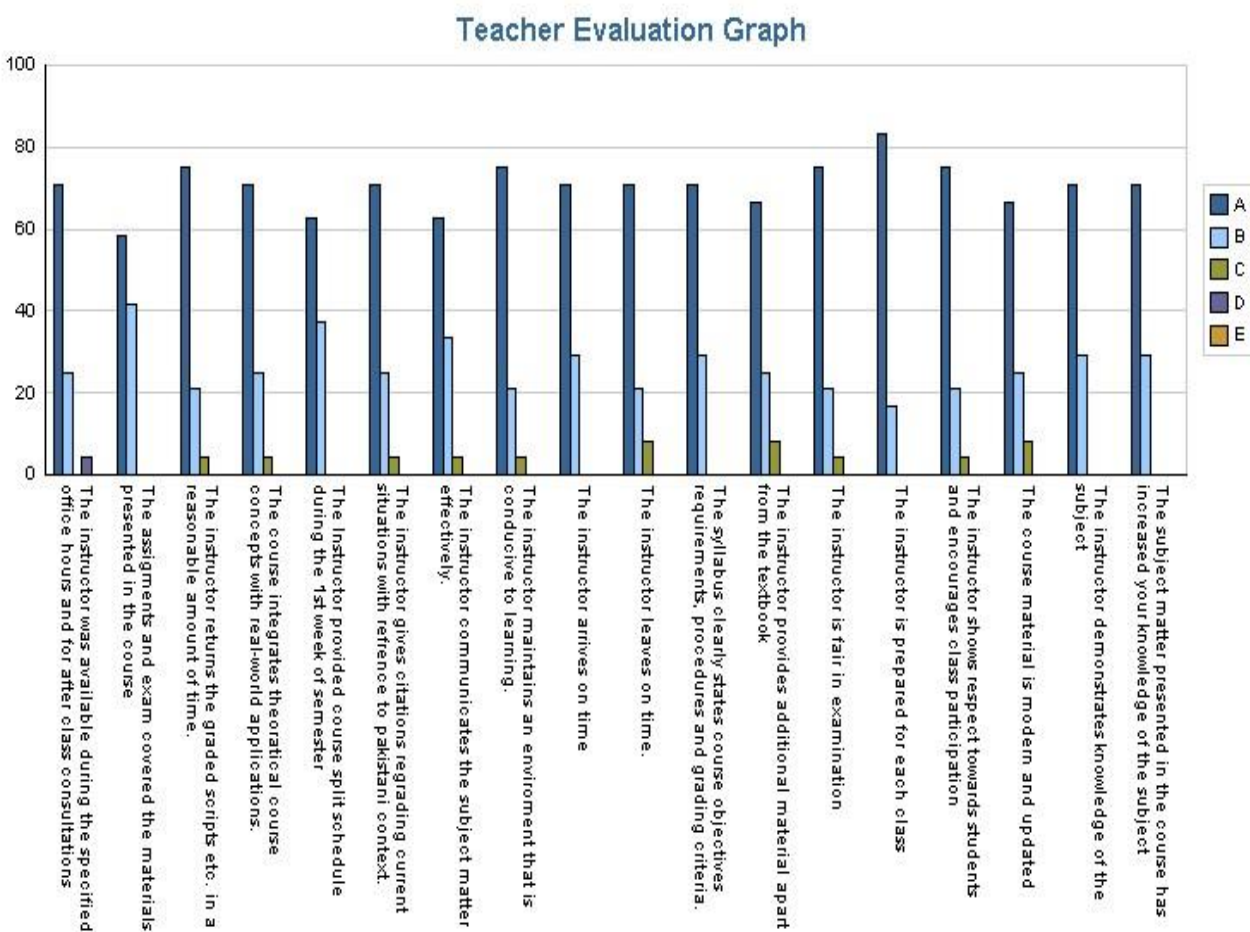
- Well prepared
- Punctual
- Fair in examinations

Weakness:

- Assignment and Quizzes should cover the whole course

Hafiz M. Sohaib Frazy(Basic Electronics)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester’’, shows that 62% are strongly agreed, 38% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications’’, shows that 65% are strongly agreed, 25% are agreed, 10% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 75% are strongly agreed, 25% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning’’, shows that 68% are strongly agreed, 20% are agreed, 12% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations’’, shows that 65% are strongly agreed, 25% are agreed, 0% are uncertain, 0% are Disagreed and 10% are strongly disagreed.



General Comments of the Students about the Teacher

Strength:

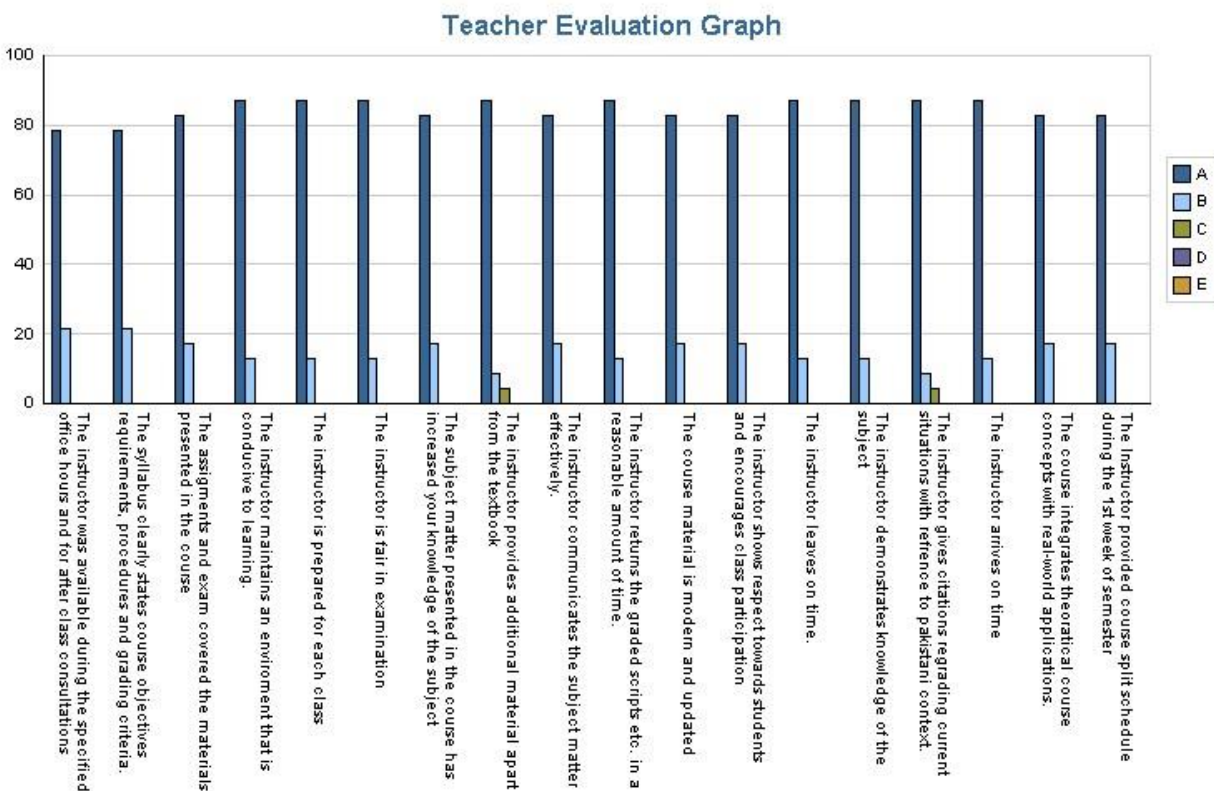
- Comprehensive course material
- Provide course outline
- Return graded sheets on time

Weakness:

- The instructor must show respect towards students
- Communication skills are not good
- Teacher is not very punctual

Farhad Ali(ISLAMIC STUDIES)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 82% are strongly agreed, 18% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 82% are strongly agreed, 18% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 85% are strongly agreed, 15% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 85% are strongly agreed, 15% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 78% are strongly agreed, 22% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about the Teacher:

Strength:

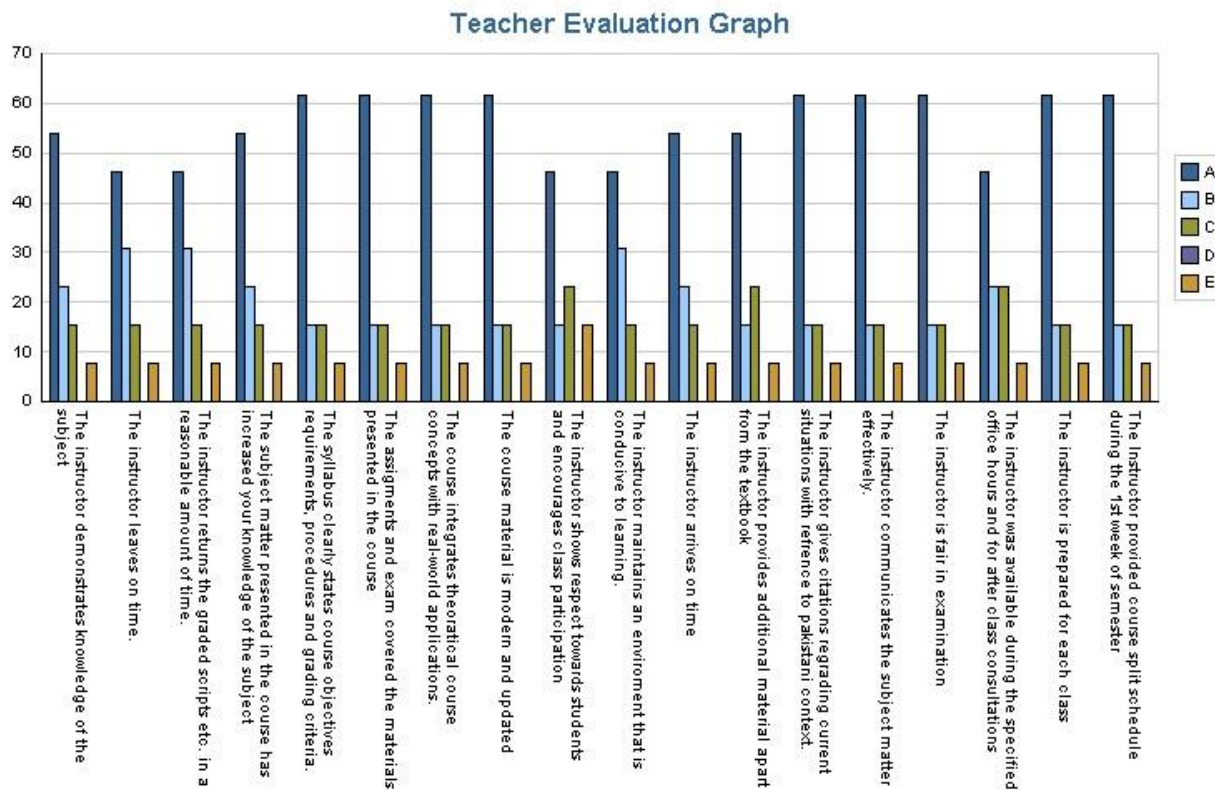
- Subject matter well presented
- Available in the specified office hours

Weakness:

- Should provide additional material
- Should give citations regarding current situations

Abaidullah Tariq (ISLAMIC STUDIES)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 65% are strongly agreed, 15% are agreed, 15% are uncertain, 0% are Disagreed and 5% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 65% are strongly agreed, 15% are agreed, 15% are uncertain, 0% are Disagreed and 5% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 55% are strongly agreed, 25% are agreed, 15% are uncertain, 0% are Disagreed and 5% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 45% are strongly agreed, 30% are agreed, 15% are uncertain, 0% are Disagreed and 10% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 45% are strongly agreed, 24% are agreed, 24% are uncertain, 0% are Disagreed and 7% are strongly disagreed.



A

General Comments of the Students about the Teacher

Strength:

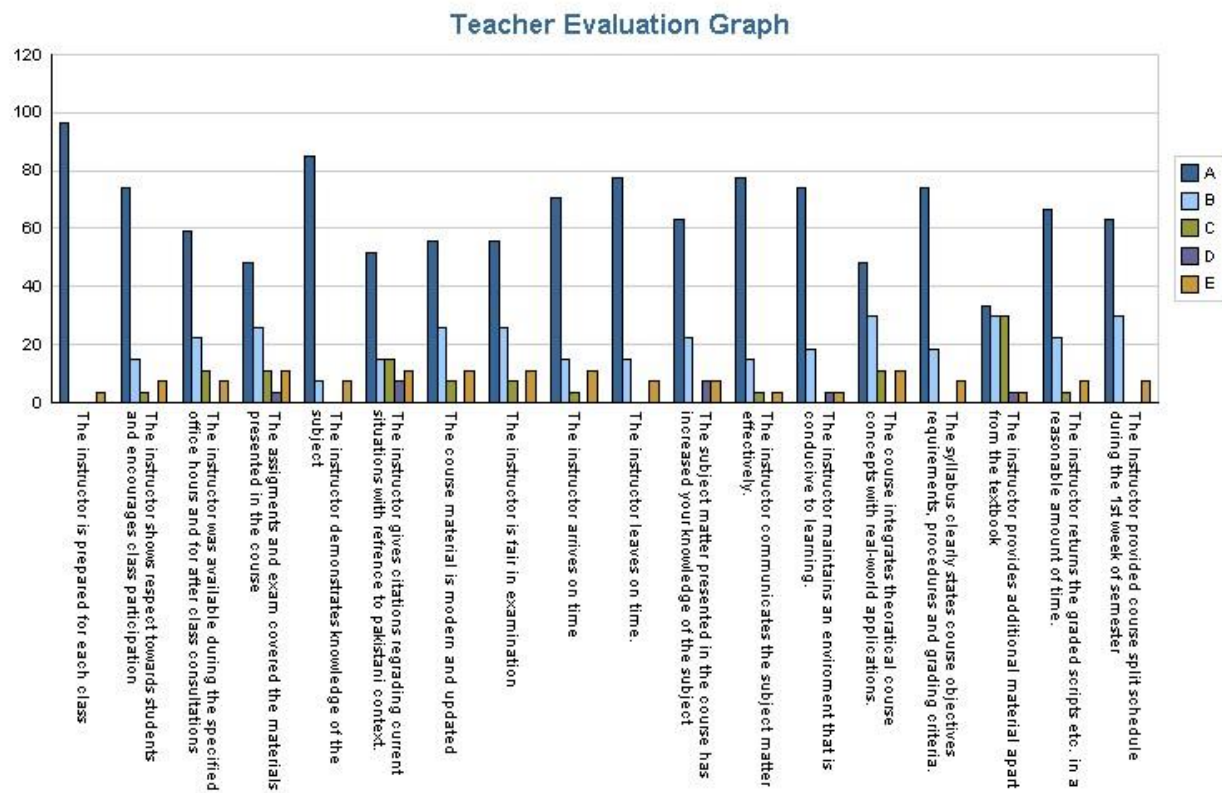
- Comprehensive course material
- Well Presented
- Good Teaching Method
- Take Quiz Weekly

Weakness:

- The teacher should provide extra material
- Must show respect to students

Asif Nawaz (DATA STRUCTURE AND ALGORITHMS)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 65% are strongly agreed, 30% are agreed, 0% are uncertain, 0% are Disagreed and 5% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 50 % are strongly agreed, 30% are agreed, 10% are uncertain, 0% are Disagreed and 10% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 85% are strongly agreed, 15% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning’’, shows that 70% are strongly agreed, 20% are agreed, 0% are uncertain, 5% are Disagreed and 5% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations’’, shows that 58% are strongly agreed, 22% are agreed, 12% are uncertain, 0% are Disagreed and 8% are strongly disagreed.



A

General Comments of the Students about the Teacher

Strength:

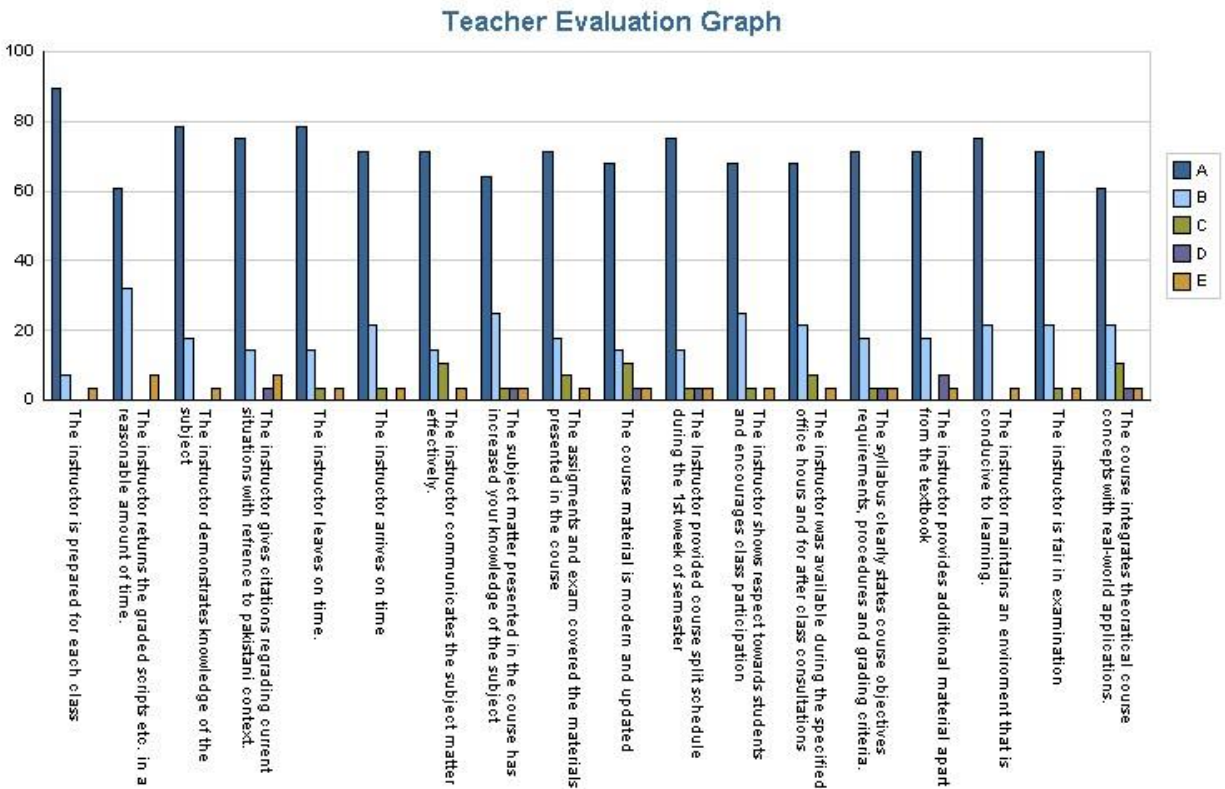
- The teacher is Punctual
- Good communication skills
- Provide additional material
- Nice teaching methodology

Weakness:

- The instructor should provide split schedule at the start of the semester
- The teacher needs to be more fair in examination
- The quizzes and assignments should be returned on time.

Saqib Majeed(DATA STRUCTURE AND ALGORITHMS)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 78% are strongly agreed, 18% are agreed, 0% are uncertain, 2% are Disagreed and 2% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 60% are strongly agreed, 20% are agreed, 10% are uncertain, 5% are Disagreed and 5% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 78% are strongly agreed, 18% are agreed, 0% are uncertain, 0% are Disagreed and 4% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 75% are strongly agreed, 20% are agreed, 0% are uncertain, 0% are Disagreed and 5% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 65% are strongly agreed, 20% are agreed, 10% are uncertain, 0% are Disagreed and 5% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

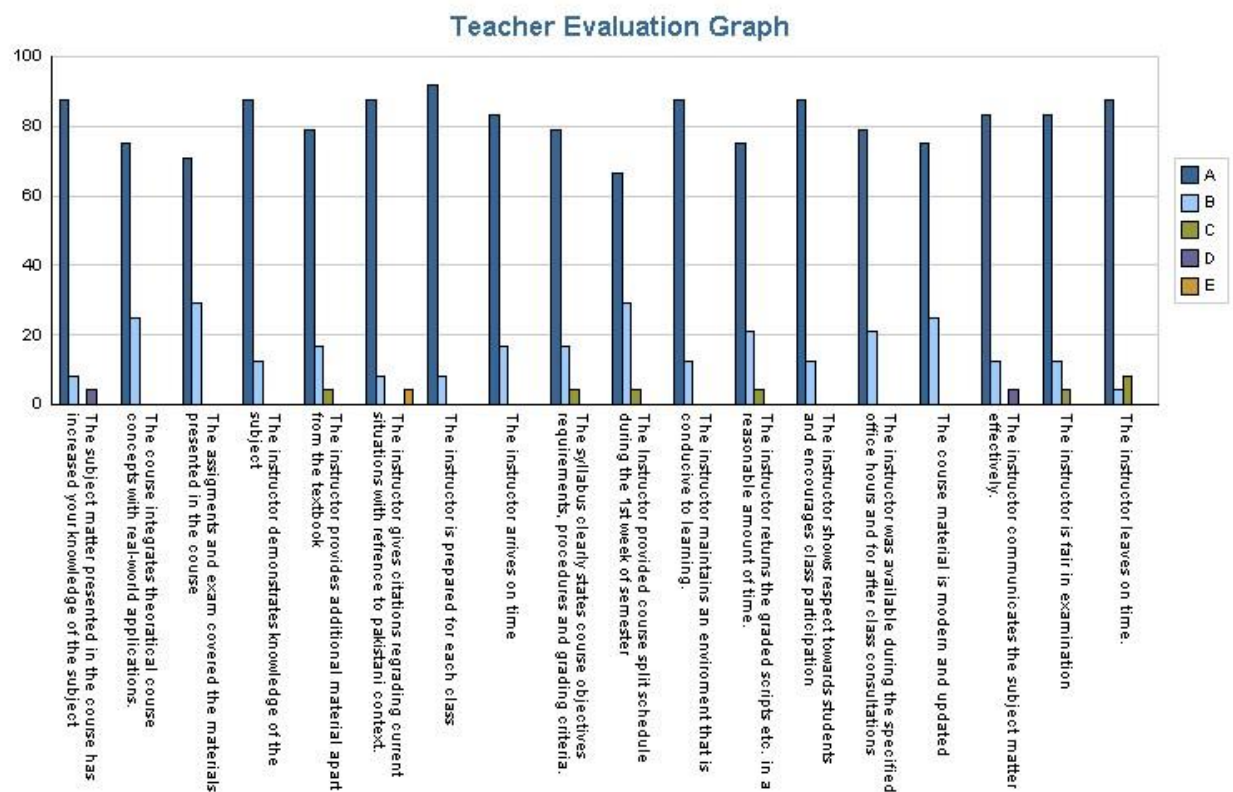
- The teacher is very punctual.
- The teacher is fair in examination and shows respect towards students.
- The teacher maintained good environment

Weaknesses:

- The teacher needs to be more prepared
- The teacher should provide extra material o the students.

Saqib Majeed (PROGRAMMING FUNDAMENTALS)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 68% are strongly agreed, 28 % are agreed, 4% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 77% are strongly agreed, 23% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 88% are strongly agreed, 12% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 88% are strongly agreed, 12% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 80% are strongly agreed, 20% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

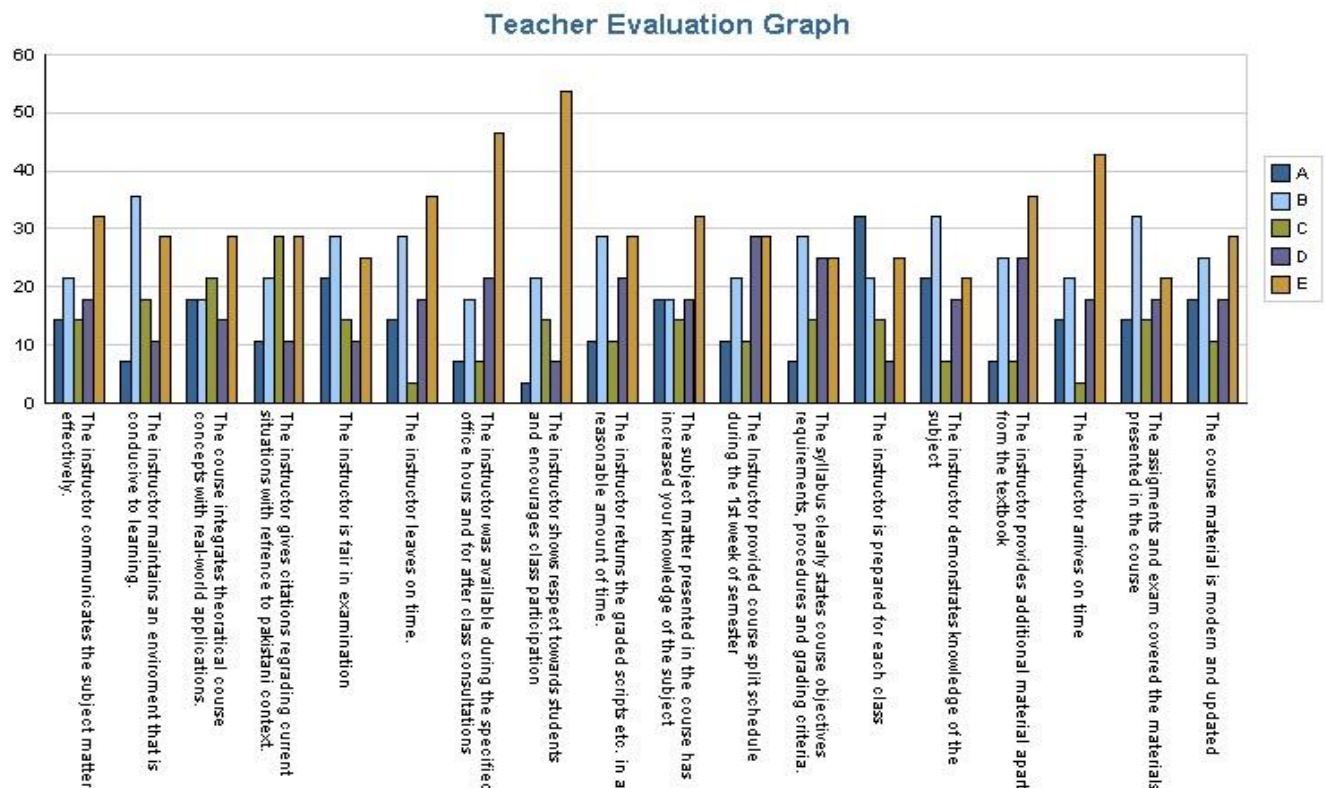
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Shahid Hussain(Software Requirement Engineering)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 11% are strongly agreed, 21% are agreed, 10% are uncertain, 29% are Disagreed and 29% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 18% are strongly agreed, 18% are agreed, 22% are uncertain, 14% are Disagreed and 28% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 21% are strongly agreed, 32% are agreed, 7% are uncertain, 18% are Disagreed and 22% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 7% are strongly agreed, 35% are agreed, 18% are uncertain, 11% are Disagreed and 29% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 18% are strongly agreed, 8% are agreed, 6% are uncertain, 22% are Disagreed and 46% are strongly disagreed.



General Comments of the Students about this Teacher:

Strengths:

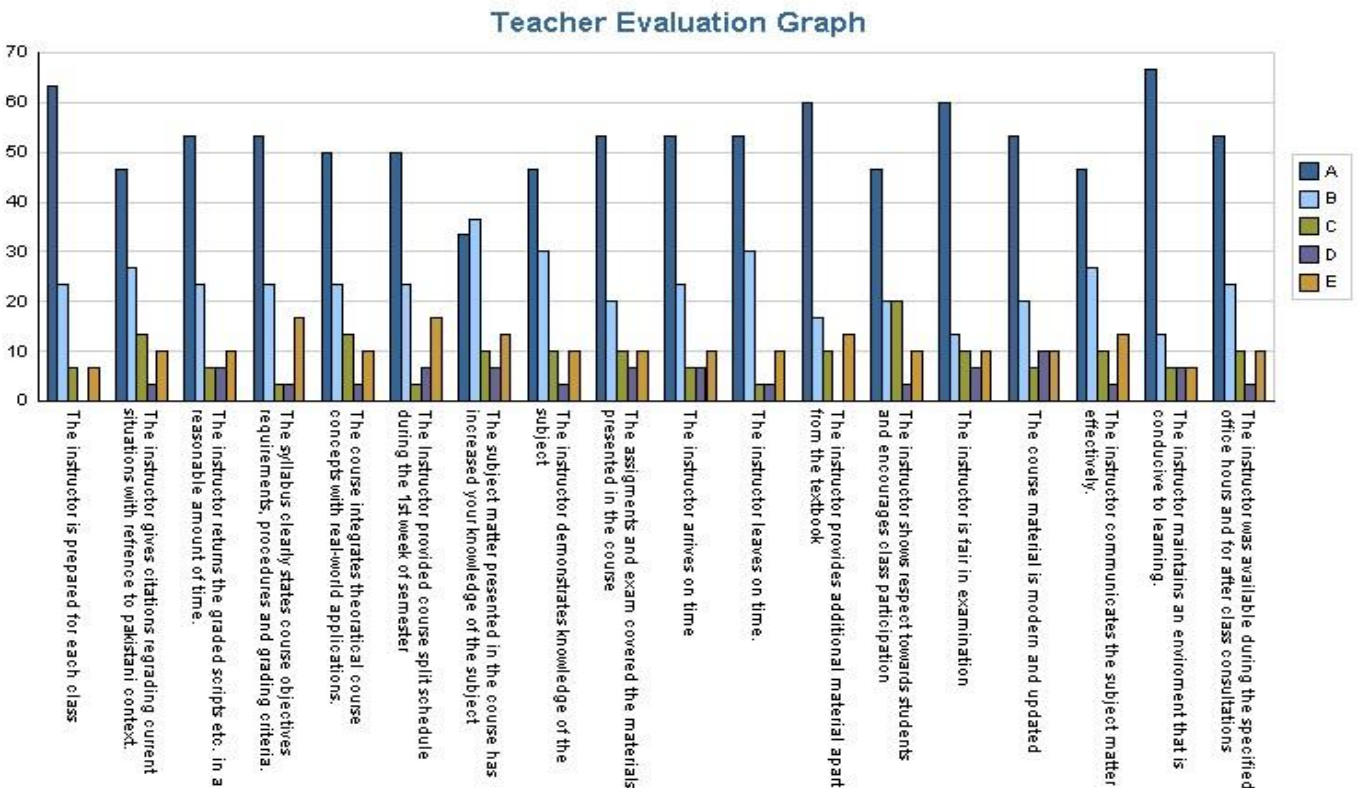
- The teacher encourages students' participation and gives respect to students.
- The teacher is punctual and fair in marking.

Weaknesses:

- The teacher should include modern concepts in her lectures to increase student knowledge.
- The teacher has not covered the syllabus completely.

Sarfraz Bibi(Software Requirement Engineering)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 50% are strongly agreed, 23% are agreed, 4% are uncertain, 7% are Disagreed and 16% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 50% are strongly agreed, 23% are agreed, 13% are uncertain, 4% are Disagreed and 10% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 33% are strongly agreed, 36% are agreed, 10% are uncertain, 7% are Disagreed and 14% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 66% are strongly agreed, 13% are agreed, 7% are uncertain, 7% are Disagreed and 7% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 53% are strongly agreed, 23% are agreed, 10% are uncertain, 4% are Disagreed and 10% are strongly disagreed.



General Comments of the Students about this Teacher:

Strengths:

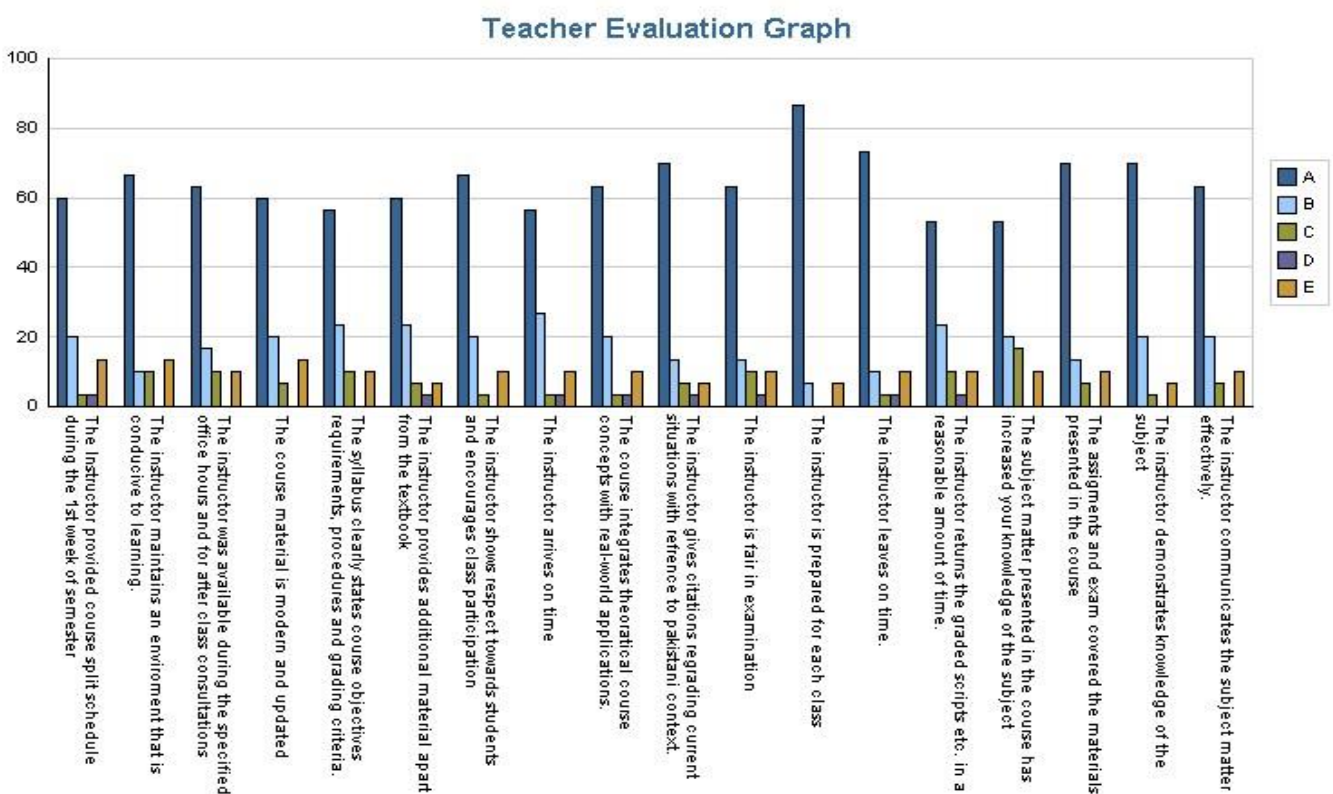
- The teacher encourages students' participation and gives respect to students.
- The teacher is punctual and fair in marking.

Weaknesses:

- The teacher should include modern concepts in her lectures to increase student knowledge.
- The teacher has not covered the syllabus completely.

Muhammad Usman Karim(HUMAN COMPUTER INTERACTION)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 60% are strongly agreed, 20% are agreed, 4% are uncertain, 4% are Disagreed and 12% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 64% are strongly agreed, 20% are agreed, 4% are uncertain, 4% are Disagreed and 8% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 52% are strongly agreed, 20% are agreed, 17% are uncertain, 0% are Disagreed and 11% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 68% are strongly agreed, 10% are agreed, 10% are uncertain, 0% are Disagreed and 12% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 63% are strongly agreed, 17% are agreed, 10% are uncertain, 0% are Disagreed and 10% are strongly disagreed.



General Comments of the Students about this Teacher:

Strengths:

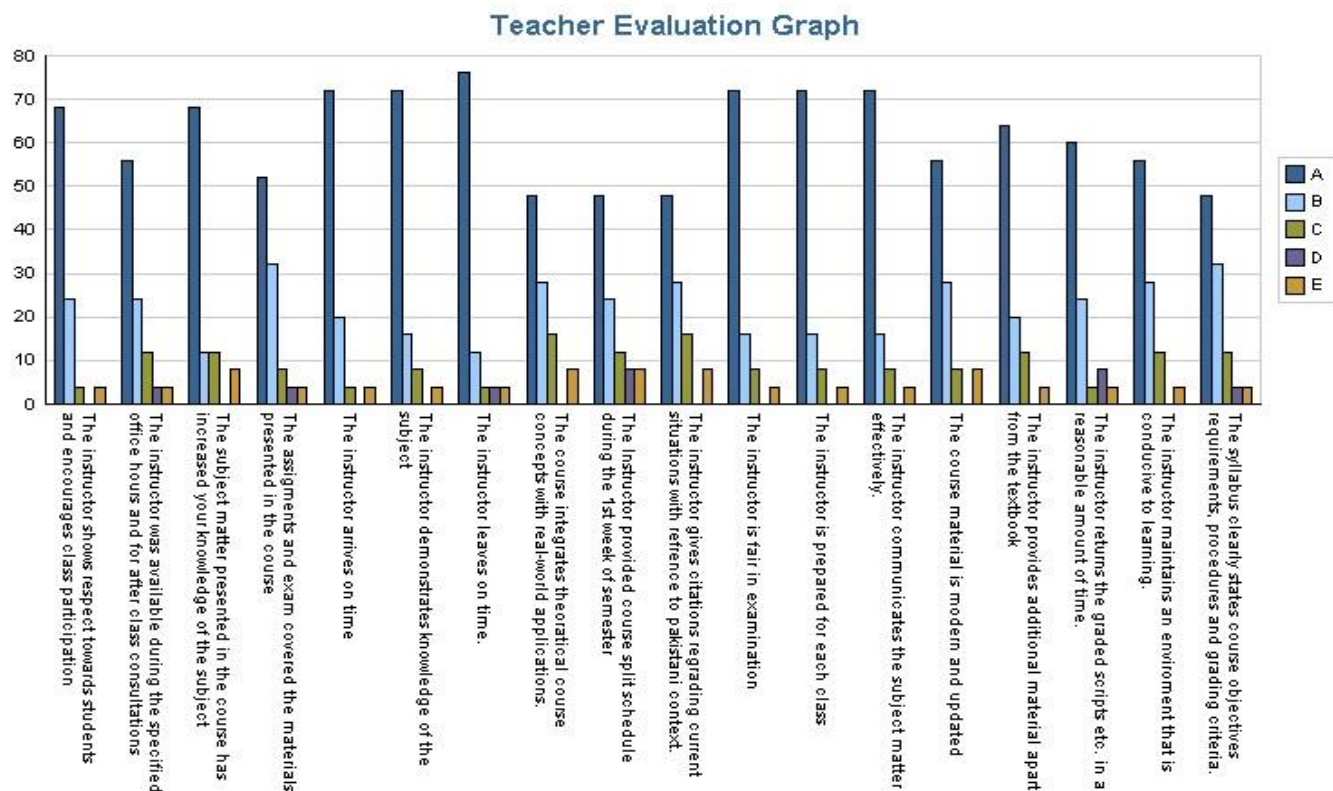
- The teacher encourages students' participation and gives respect to students.
- The teacher is punctual and fair in marking.

Weaknesses:

- The teacher should include modern concepts in her lectures to increase student knowledge.
- The teacher has not covered the syllabus completely.

Shehla Munir(LINEAR ALGEBRA)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 48% are strongly agreed, 24 % are agreed, 12% are uncertain, 8% are Disagreed and 8% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 48% are strongly agreed, 28% are agreed, 16% are uncertain, 0% are Disagreed and 8% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 72% are strongly agreed, 16% are agreed, 8% are uncertain, 0% are Disagreed and 4% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 56% are strongly agreed, 28% are agreed, 12% are uncertain, 0% are Disagreed and 4% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 56% are strongly agreed, 24% are agreed, 12% are uncertain, 4% are Disagreed and 4% are strongly disagreed.



General Comments of the Students about this Teacher:

Strengths:

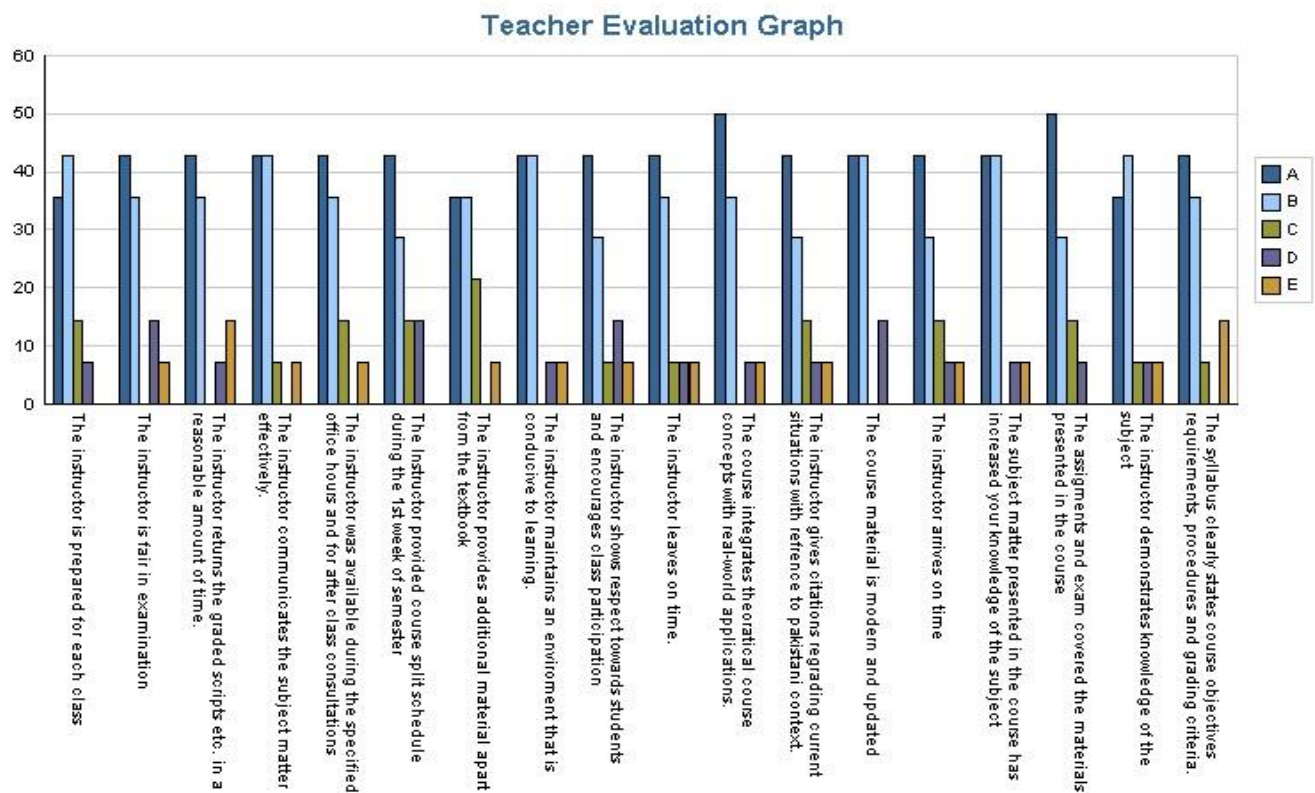
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Iram Rubab(Software Construction & Development)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 44% are strongly agreed, 28 % are agreed, 14% are uncertain, 14% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 50% are strongly agreed, 36% are agreed, 0% are uncertain, 7% are Disagreed and 7% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 36% are strongly agreed, 43% are agreed, 7% are uncertain, 7% are Disagreed and 7% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 43% are strongly agreed, 43% are agreed, 0% are uncertain, 7% are Disagreed and 7% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 42 % are strongly agreed, 36% are agreed, 15% are uncertain, 0% are Disagreed and 7% are strongly disagreed.



General Comments of the Students about this Teacher:

Strengths:

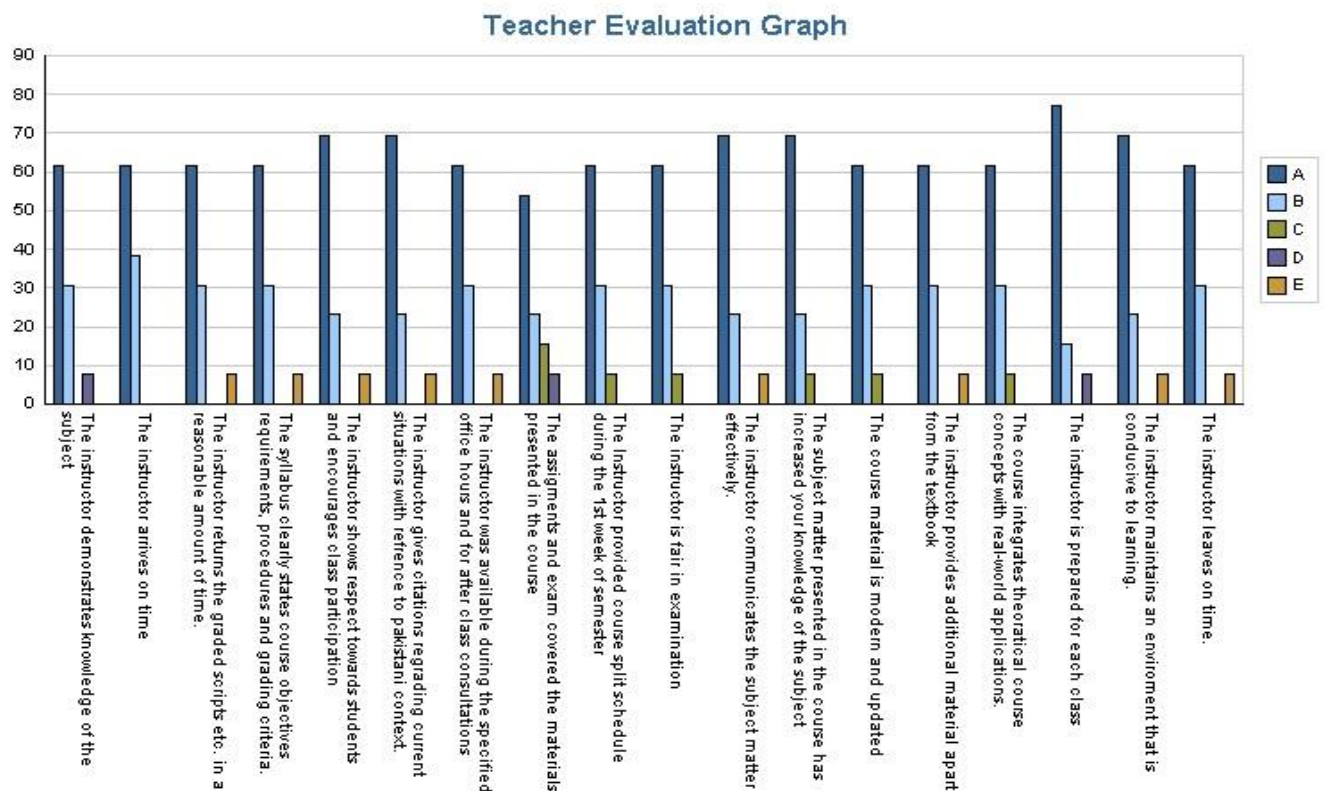
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Dr. Kashif Sattar(Computer Networks)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 62% are strongly agreed, 30 % are agreed, 8% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 62% are strongly agreed, 30% are agreed, 8% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 62% are strongly agreed, 30% are agreed, 0% are uncertain, 8% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 69% are strongly agreed, 24% are agreed, 0% are uncertain, 0% are Disagreed and 7% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 62% are strongly agreed, 30% are agreed, 0% are uncertain, 0% are Disagreed and 8% are strongly disagreed.



General Comments of the Students about this Teacher:

Strengths:

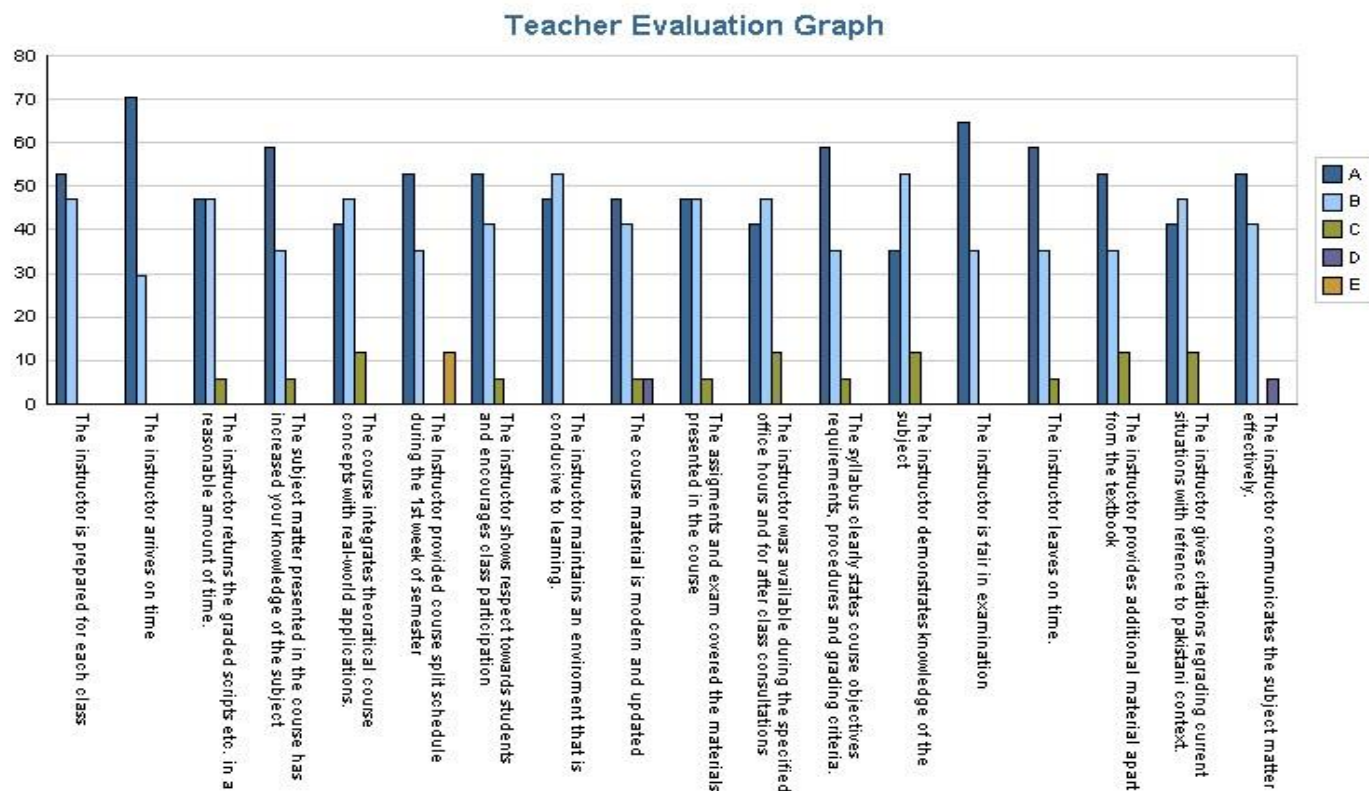
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Qasim Usmani(TECHNICAL AND BUSINESS WRITING)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 52% are strongly agreed, 36 % are agreed, 0% are uncertain, 0% are Disagreed and 12% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 41% are strongly agreed, 46% are agreed, 13% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 36% are strongly agreed, 52% are agreed, 12% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 48% are strongly agreed, 52% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 41% are strongly agreed, 47% are agreed, 12% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



General Comments of the Students about this Teacher:

Strengths:

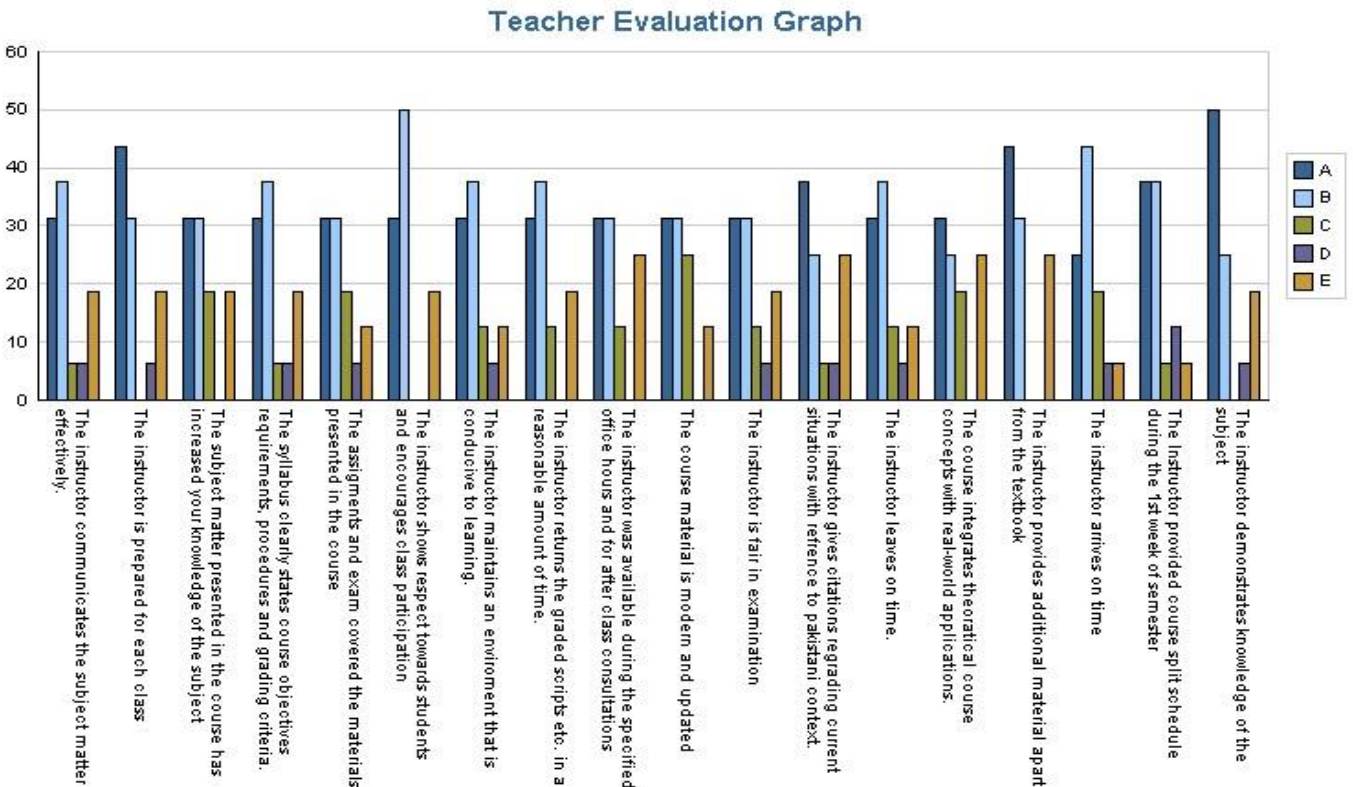
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Shakeel Ahmad(Formal Methods in Software Engineering)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 38% are strongly agreed, 38 % are agreed, 6% are uncertain, 12% are Disagreed and 6% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 32% are strongly agreed, 25% are agreed, 18% are uncertain, 0% are Disagreed and 25% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 50% are strongly agreed, 25% are agreed, 0% are uncertain, 6% are Disagreed and 19% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 32% are strongly agreed, 38% are agreed, 12% are uncertain, 6% are Disagreed and 12% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 31% are strongly agreed, 31% are agreed, 13% are uncertain, 0% are Disagreed and 25% are strongly disagreed.



General Comments of the Students about this Teacher:

Strengths:

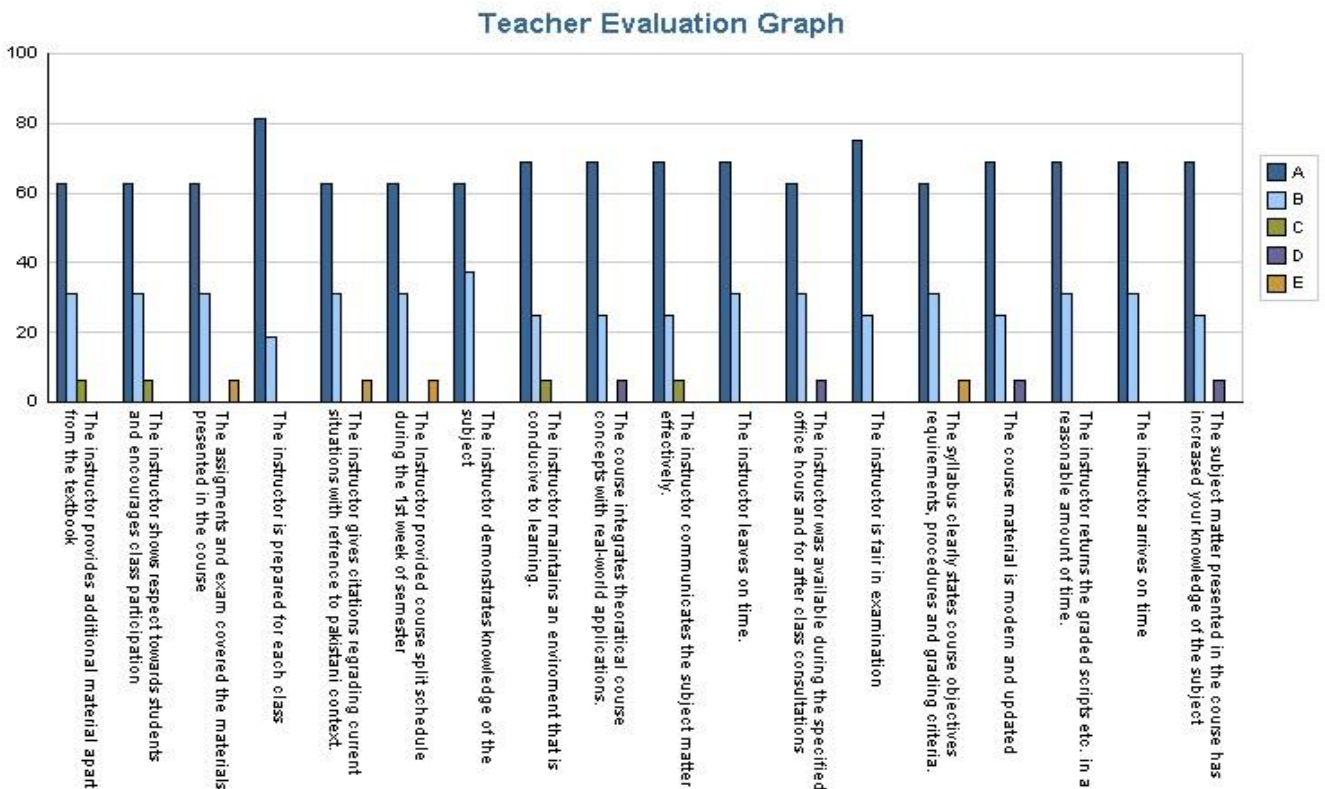
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

SAIF UR REHMAN(MODERN PROGRAMING LANGUAGE)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 62% are strongly agreed, 30 % are agreed, 0% are uncertain, 0% are Disagreed and 8% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 70% are strongly agreed, 24% are agreed, 0% are uncertain, 6% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 62% are strongly agreed, 38% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 70% are strongly agreed, 24% are agreed, 6% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 64% are strongly agreed, 30% are agreed, 0% are uncertain, 6% are Disagreed and 0% are strongly disagreed.



General Comments of the Students about this Teacher:

Strengths:

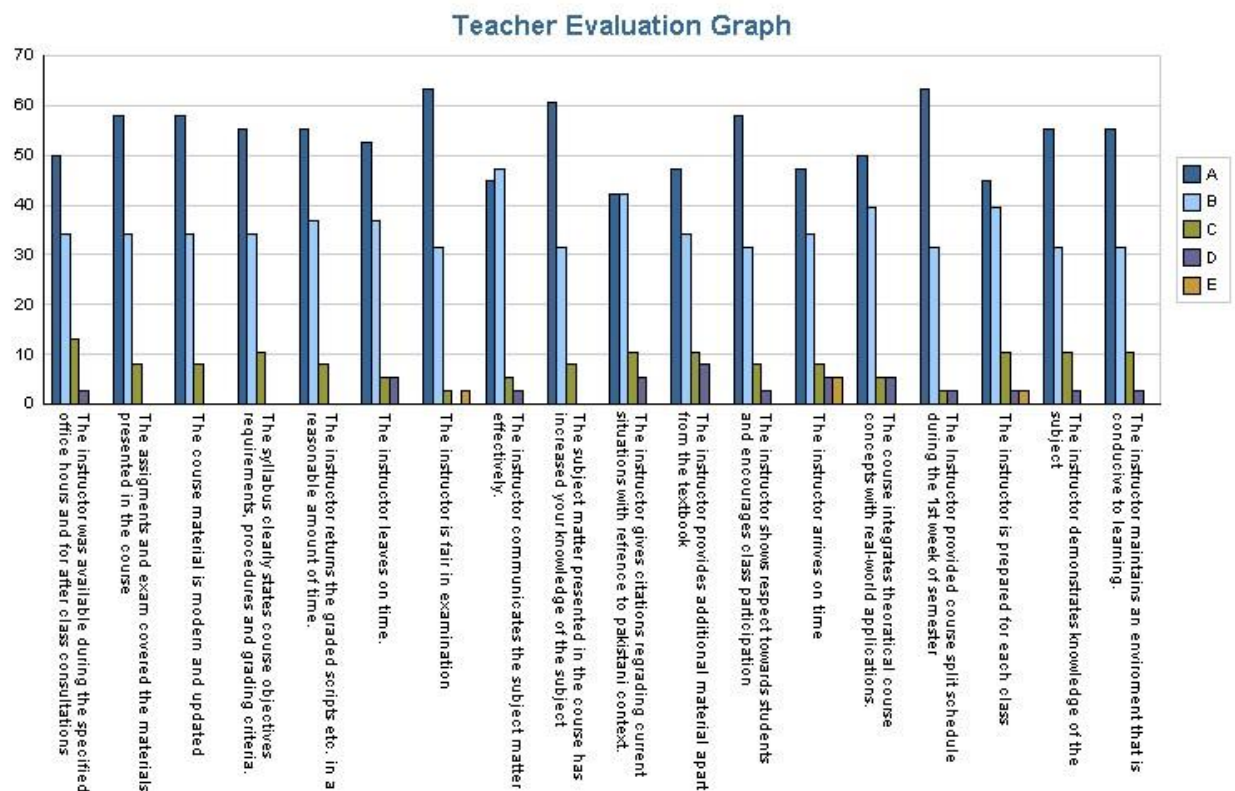
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Marya Iqbal (Introduction To Information & Communication Technologies)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 62% are strongly agreed, 30 % are agreed, 4% are uncertain, 4% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 50% are strongly agreed, 40% are agreed, 5% are uncertain, 5% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 55% are strongly agreed, 30% are agreed, 10% are uncertain, 5% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 55% are strongly agreed, 30% are agreed, 10% are uncertain, 5% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 50% are strongly agreed, 33% are agreed, 12% are uncertain, 5% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

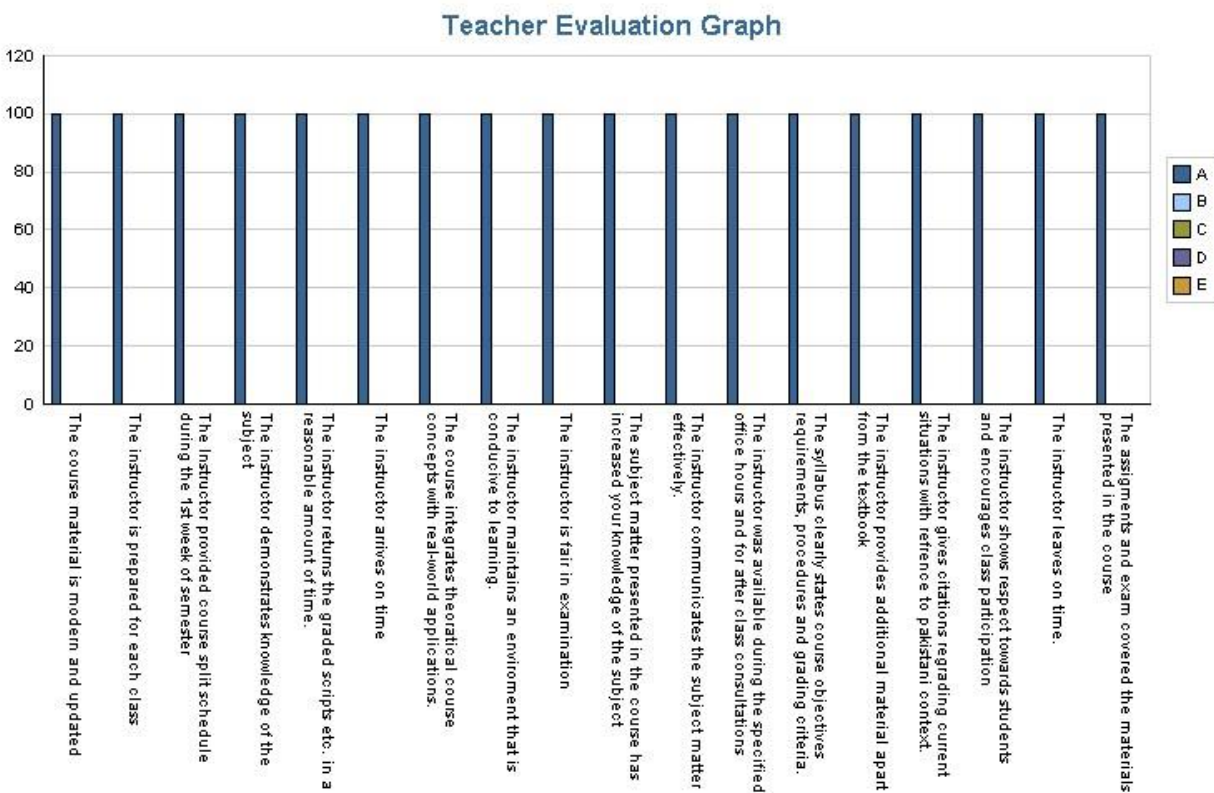
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Marya Iqbal (Introduction To Information & Communication Technologies)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 100% are strongly agreed, 0 % are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

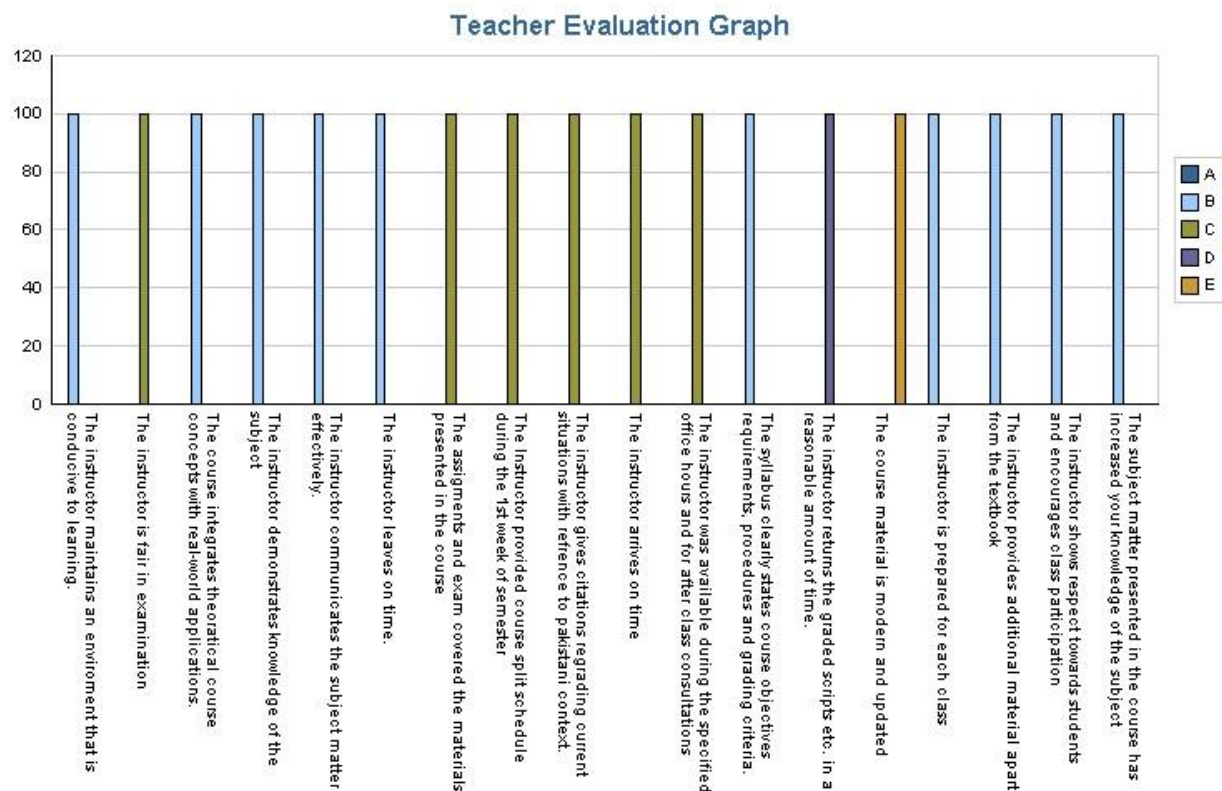
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Dr. Kashif Sattar (PROGRAMMING FUNDAMENTALS)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 0% are strongly agreed, 0 % are agreed, 100% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 0% are strongly agreed, 100% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 0% are strongly agreed, 100% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 0% are strongly agreed, 100% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 0% are strongly agreed, 0% are agreed, 100% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

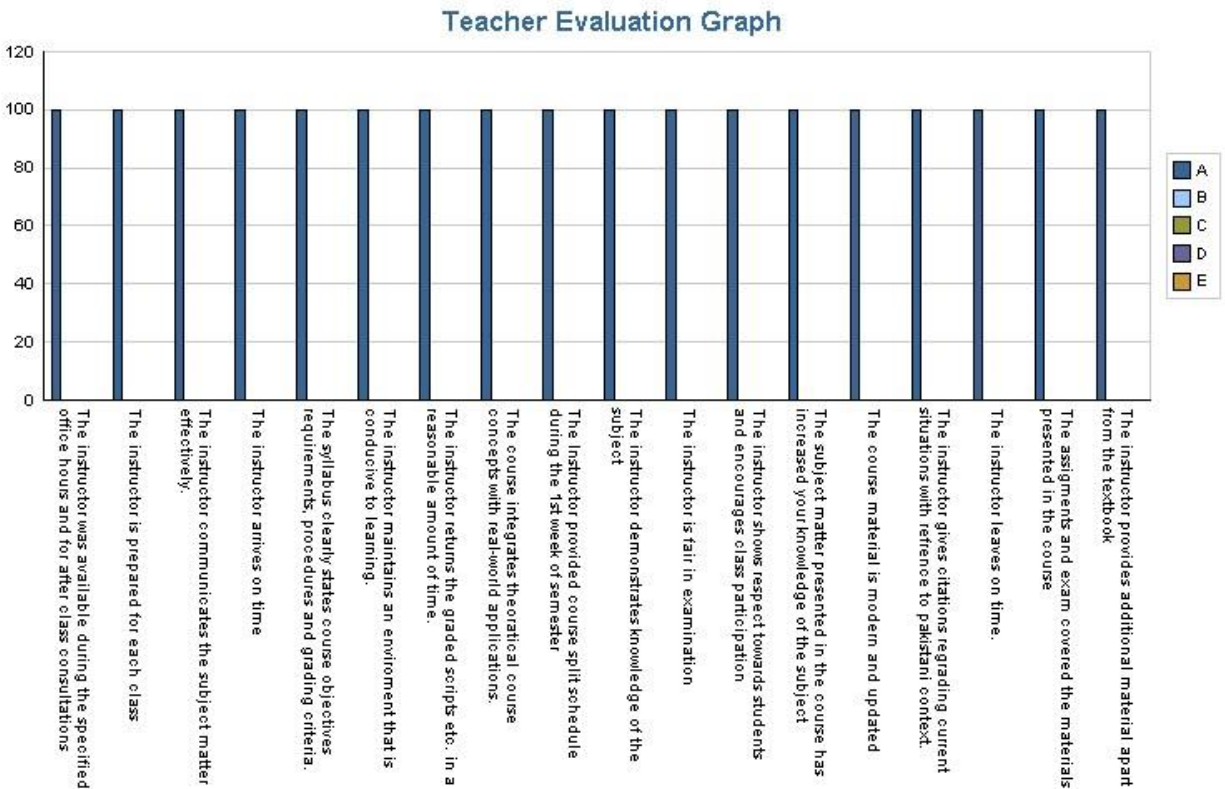
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Saqib Majeed (PROGRAMMING FUNDAMENTALS)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 100% are strongly agreed, 0 % are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 100% are strongly agreed, 0% are agreed, 6% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

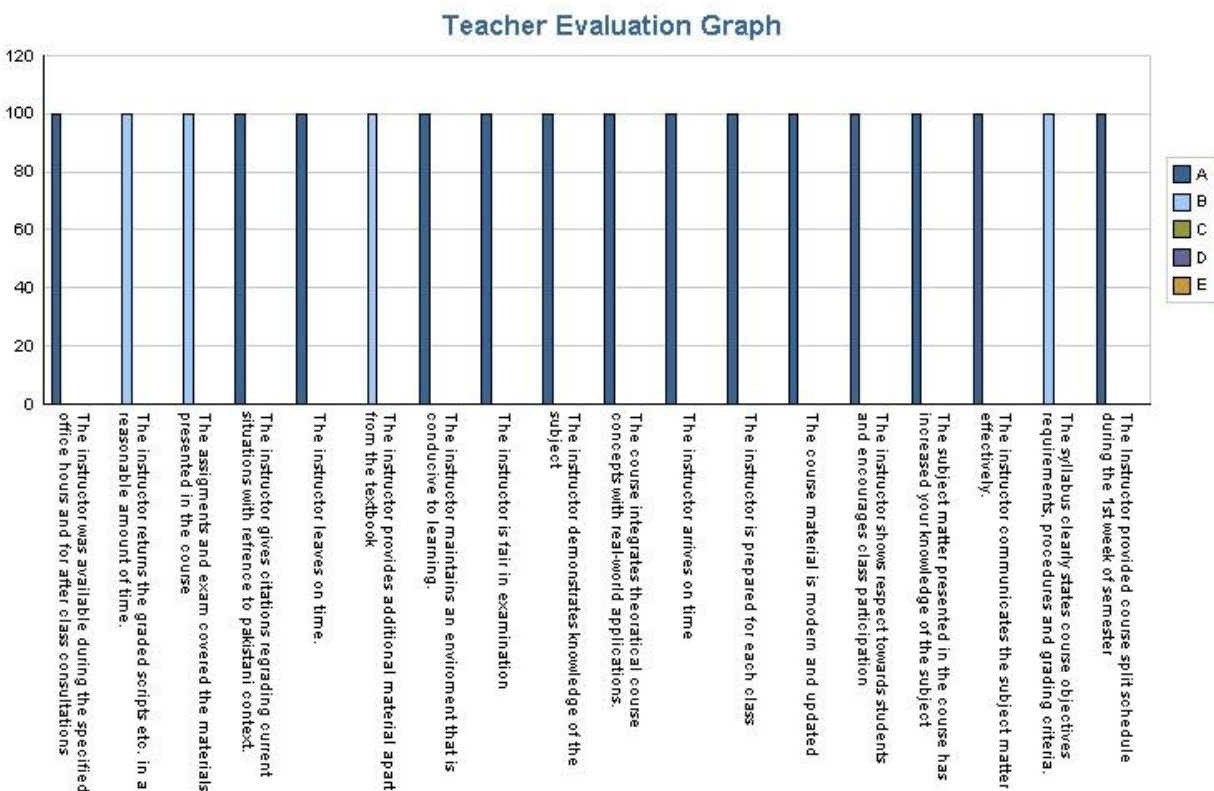
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Shehla Munir (CALCULUS AND ANALYTICAL GEOMETRY)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 100% are strongly agreed, 0 % are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

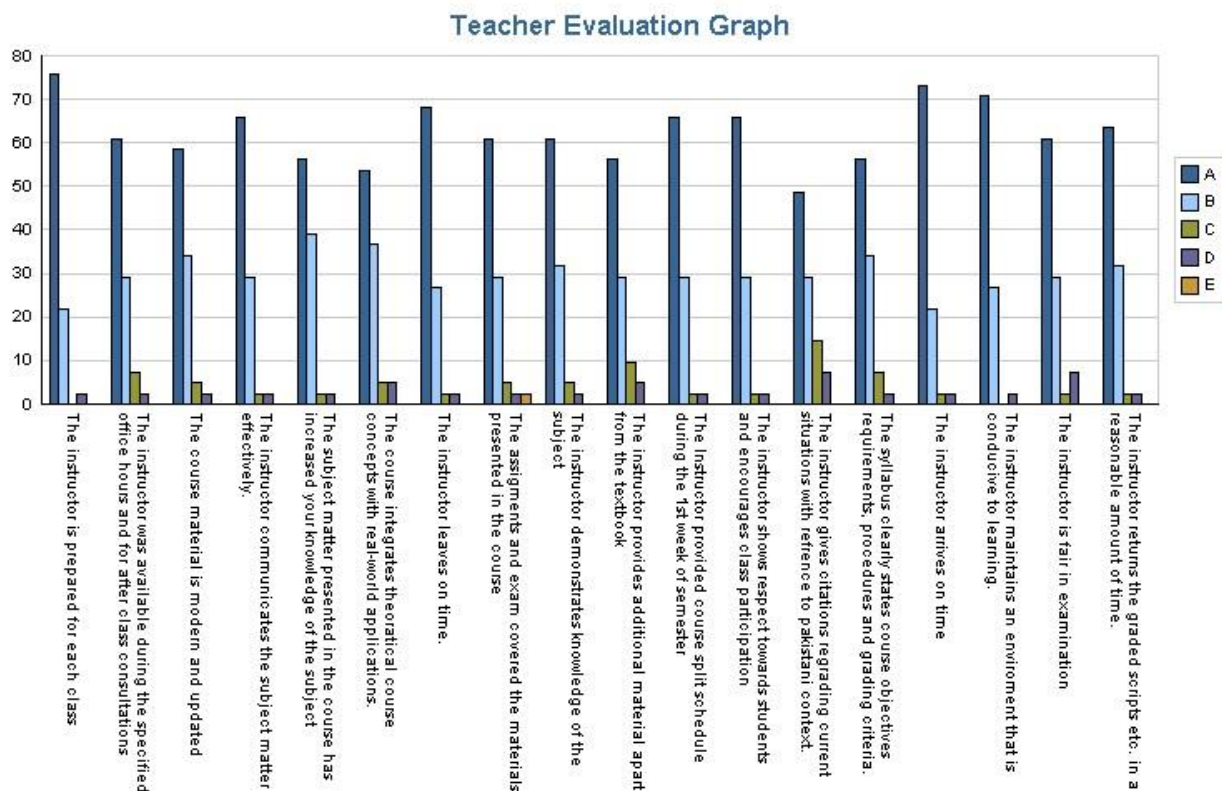
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Dania Saleem Malik (CALCULUS AND ANALYTICAL GEOMETRY)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 64% are strongly agreed, 30 % are agreed, 3% are uncertain, 3% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 52% are strongly agreed, 36% are agreed, 6% are uncertain, 6% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 60% are strongly agreed, 31% are agreed, 5% are uncertain, 4% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 71% are strongly agreed, 26% are agreed, 0% are uncertain, 3% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 61% are strongly agreed, 29% are agreed, 7% are uncertain, 3% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

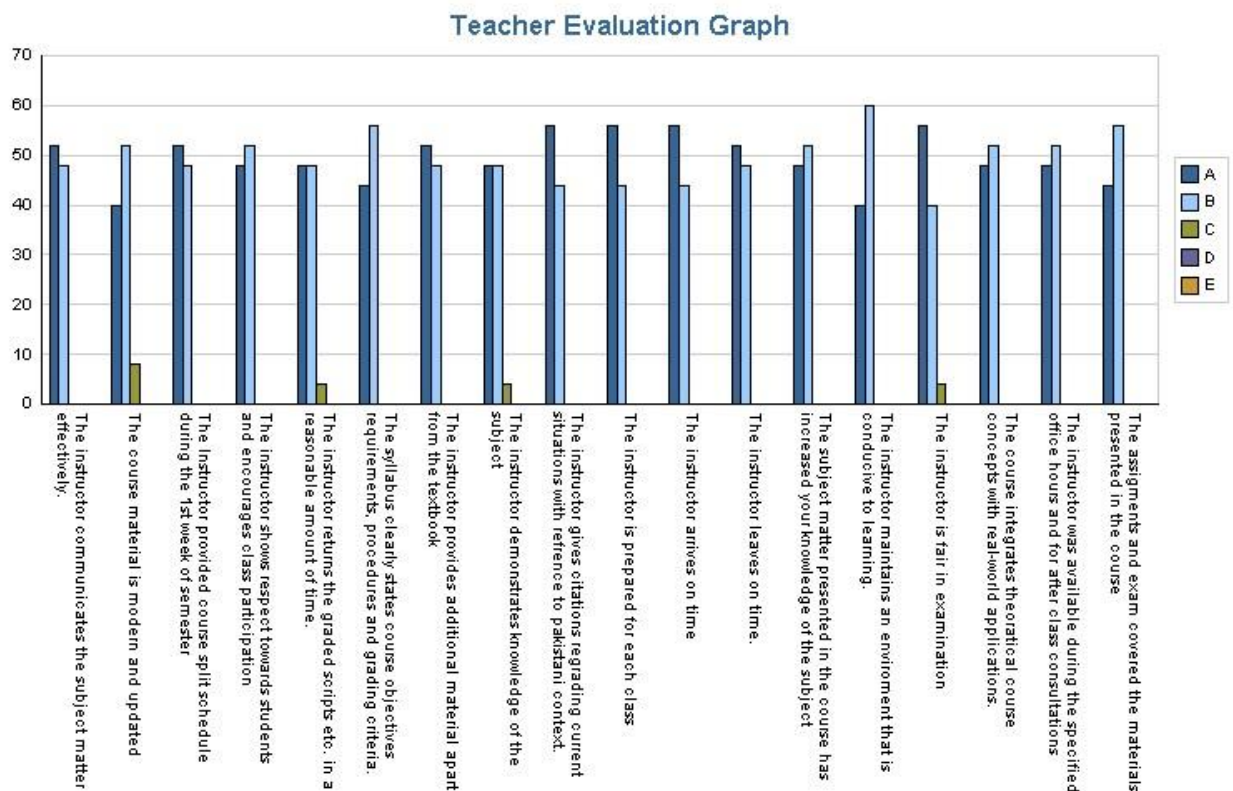
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Mirza Aakif Baig (LINEAR ALGEBRA)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 52% are strongly agreed, 48 % are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 48% are strongly agreed, 52% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 48% are strongly agreed, 48% are agreed, 4% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 40% are strongly agreed, 60% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 48% are strongly agreed, 52% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

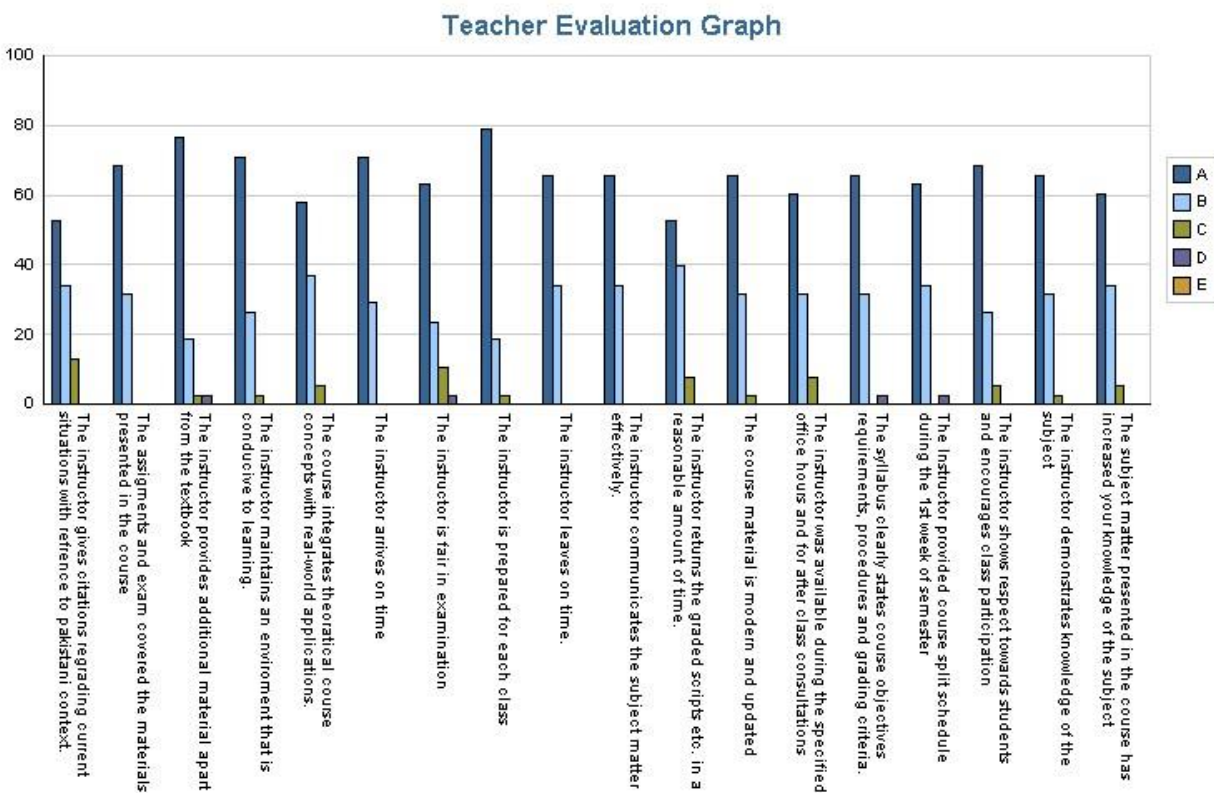
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Muhammad Imran (ISLAMIC STUDIES)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 65% are strongly agreed, 30 % are agreed, 0% are uncertain, 5% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 58% are strongly agreed, 37% are agreed, 5% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 64% are strongly agreed, 32% are agreed, 4% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 70% are strongly agreed, 26% are agreed, 4% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 60% are strongly agreed, 30% are agreed, 10% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

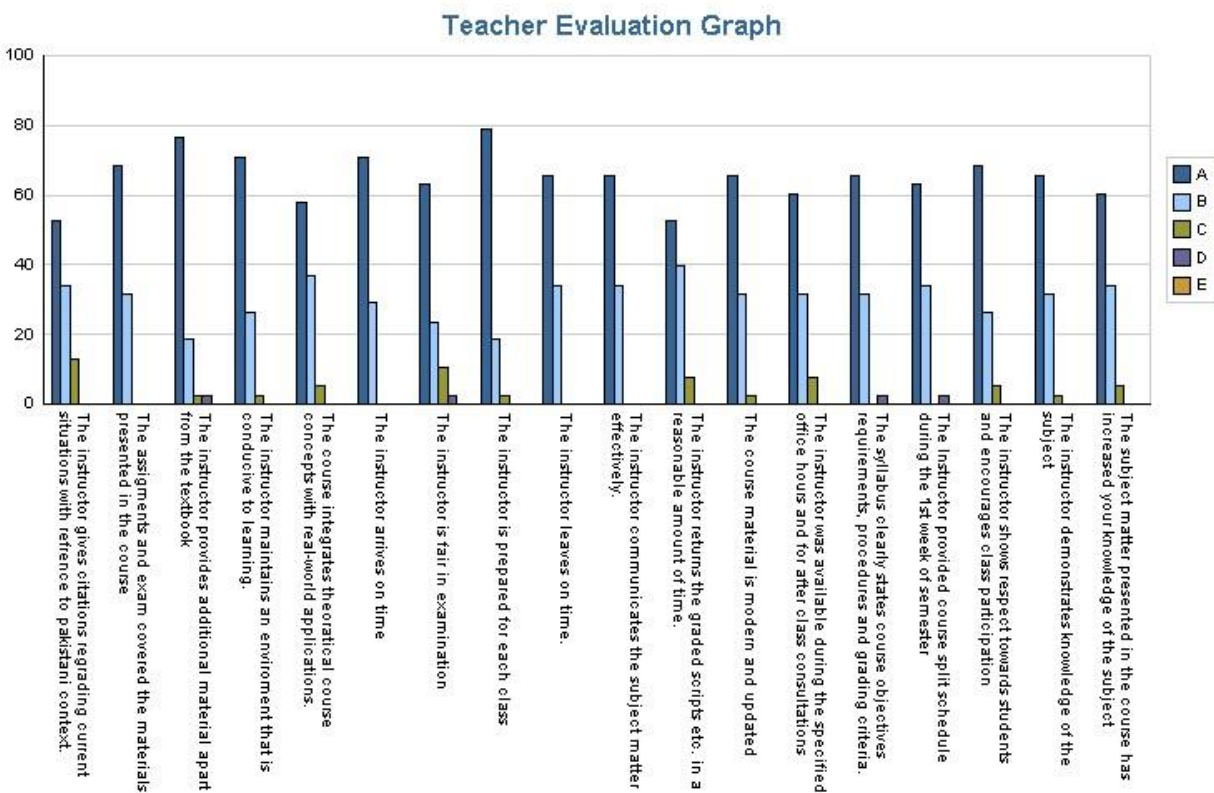
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Muhammad Imran (ISLAMIC STUDIES)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 65% are strongly agreed, 30 % are agreed, 0% are uncertain, 5% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 58% are strongly agreed, 37% are agreed, 5% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 64% are strongly agreed, 32% are agreed, 4% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 70% are strongly agreed, 26% are agreed, 4% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 60% are strongly agreed, 30% are agreed, 10% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

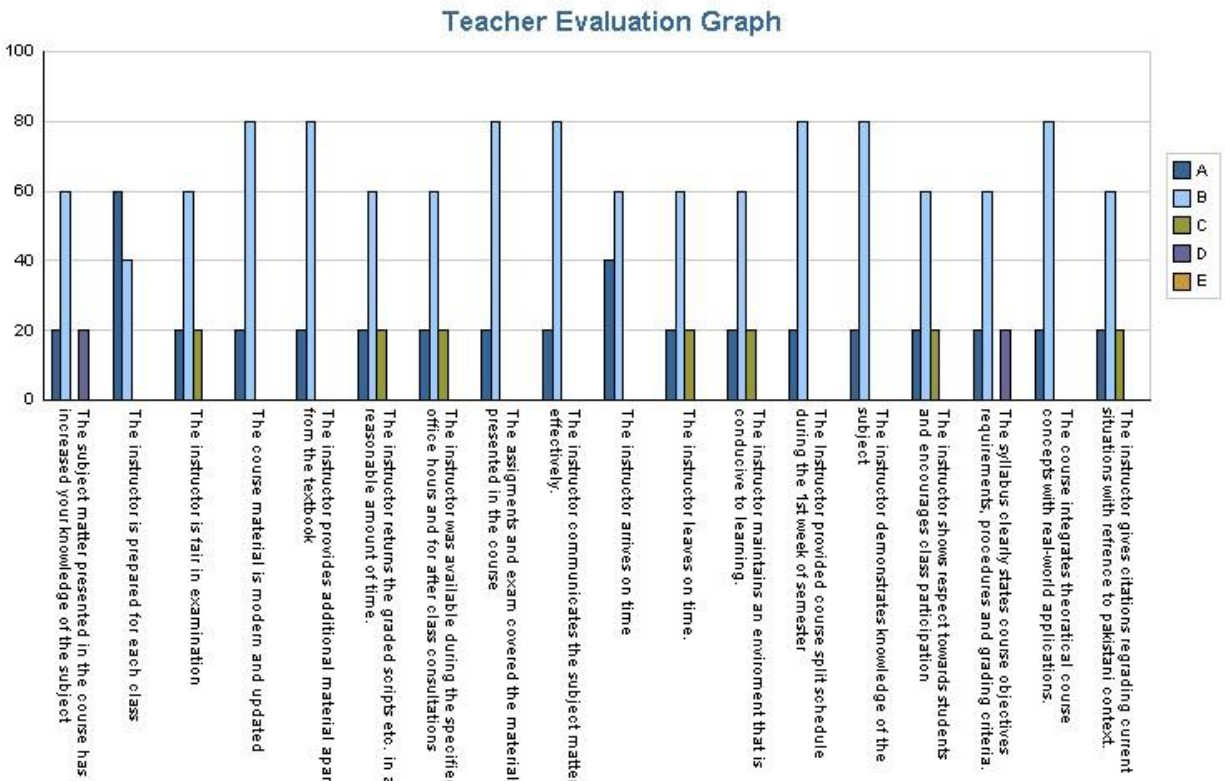
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Anwar Ghani (DATA STRUCTURE AND ALGORITHMS

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 20% are strongly agreed, 80 % are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 20% are strongly agreed, 80% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 20% are strongly agreed, 80% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 20% are strongly agreed, 60% are agreed, 20% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 20% are strongly agreed, 60% are agreed, 20% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

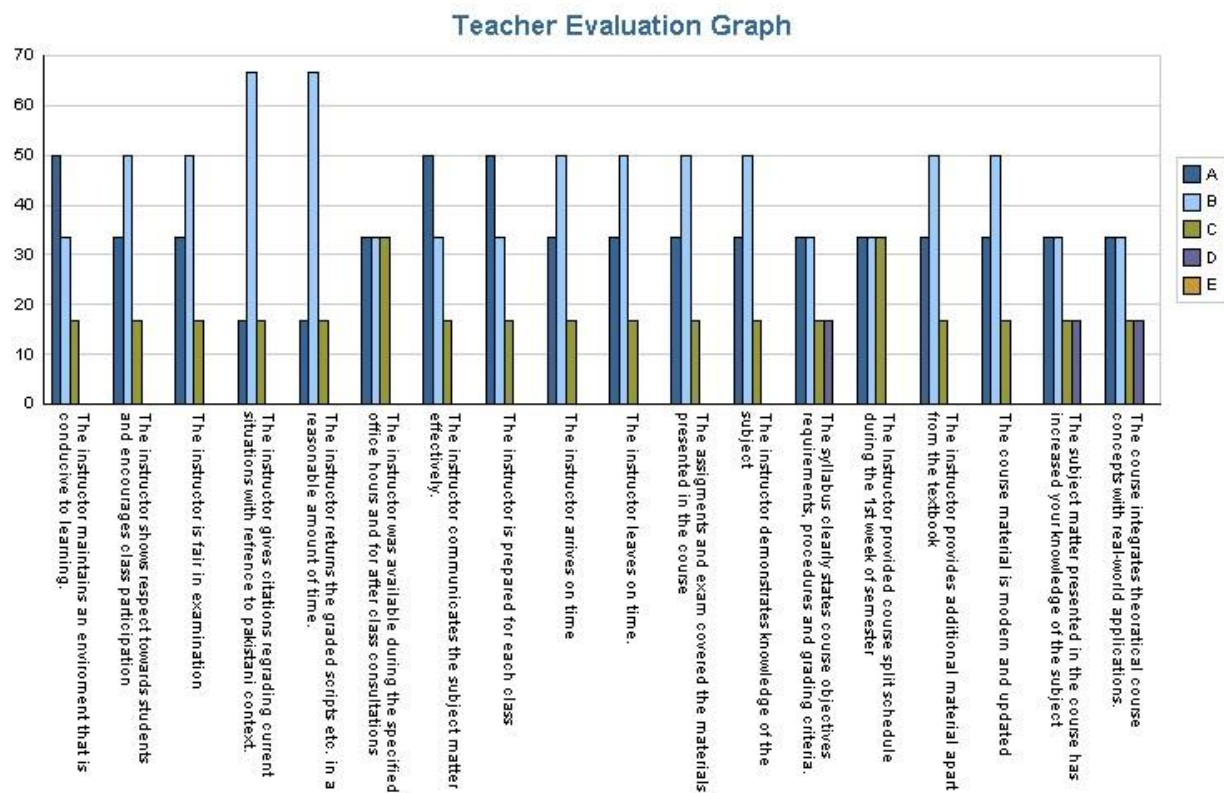
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Sarfraz Bibi (Software Requirement Engineering)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 33% are strongly agreed, 33 % are agreed, 34% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 35% are strongly agreed, 35% are agreed, 15% are uncertain, 15% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 34% are strongly agreed, 50% are agreed, 16% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 70% are strongly agreed, 50% are agreed, 33% are uncertain, 17% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 33% are strongly agreed, 33% are agreed, 34% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

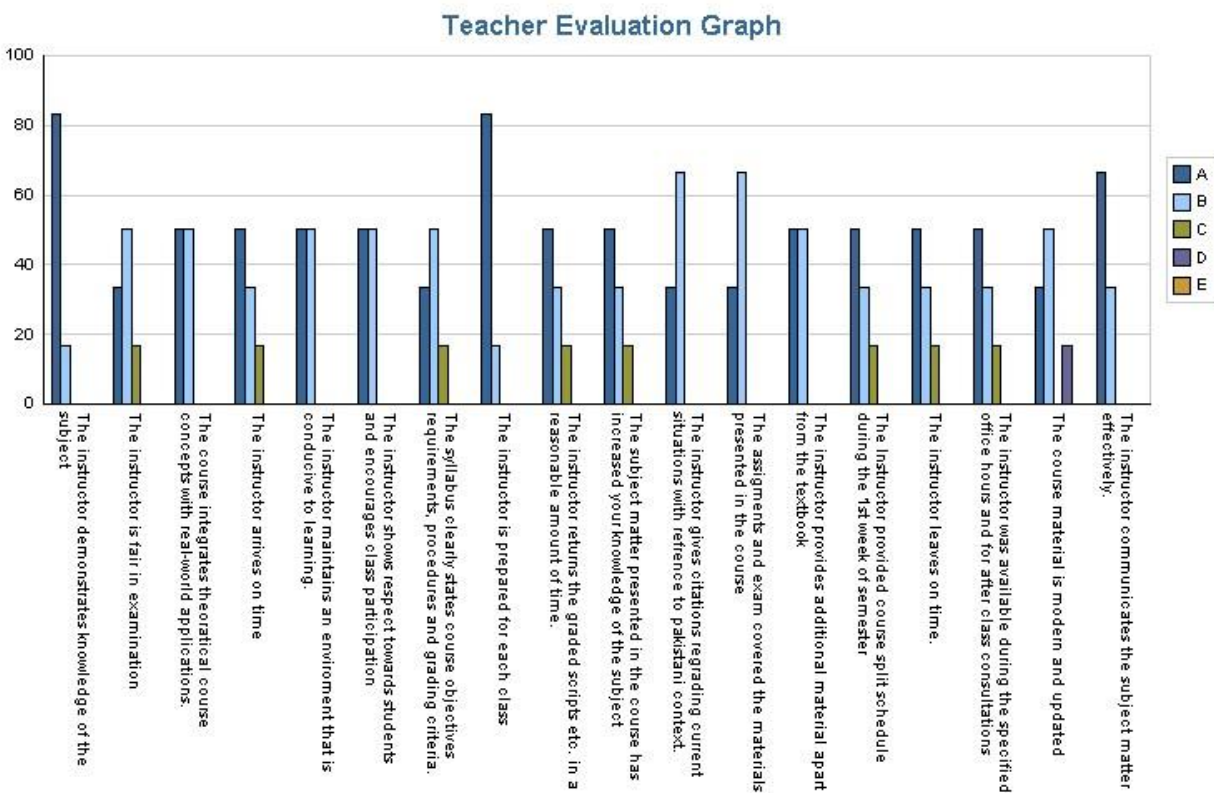
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Dania Saleem Malik (LINEAR ALGEBRA)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 50% are strongly agreed, 33 % are agreed, 17% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 83% are strongly agreed, 17% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 50% are strongly agreed, 33% are agreed, 17% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

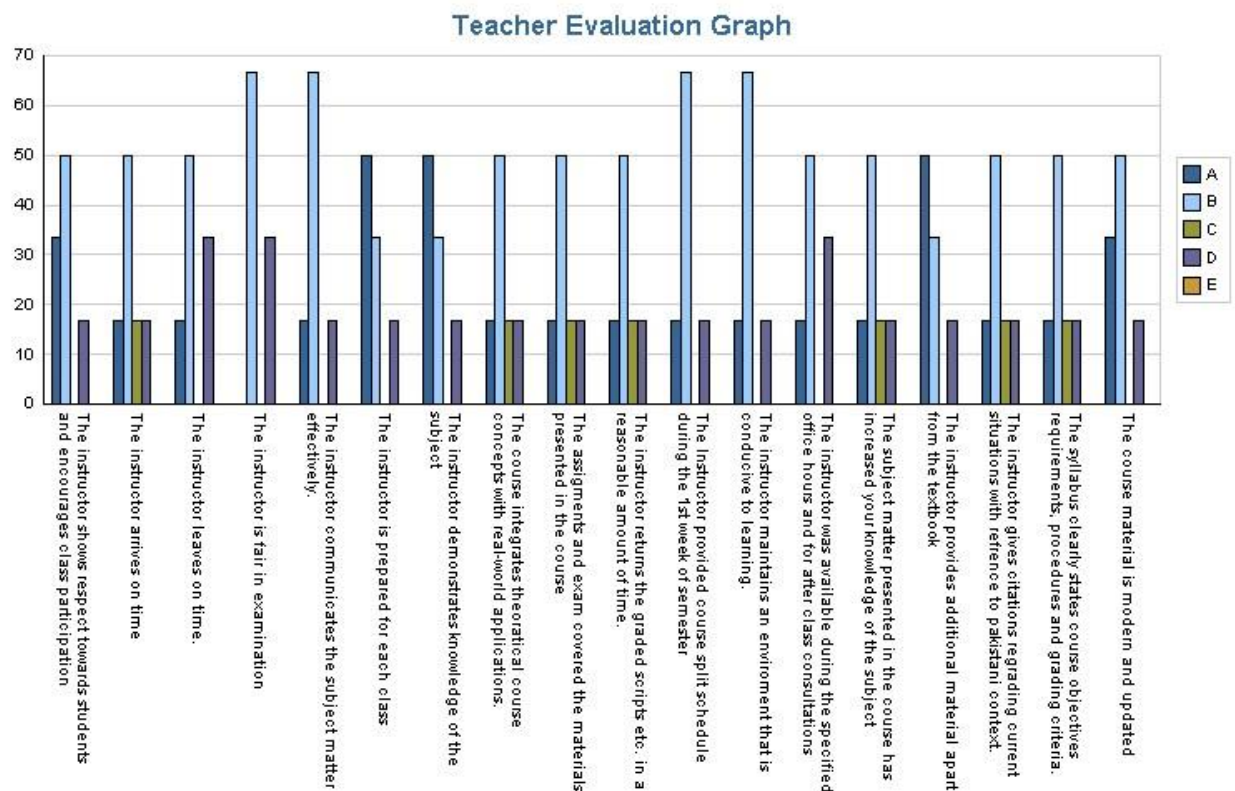
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Muhammad Mobeen (INTRODUCTION TO MANAGEMENT)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 17% are strongly agreed, 66 % are agreed, 0% are uncertain, 17% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 17% are strongly agreed, 50% are agreed, 17% are uncertain, 16% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 50% are strongly agreed, 34% are agreed, 0% are uncertain, 16% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 17% are strongly agreed, 66% are agreed, 0% are uncertain, 17% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 16% are strongly agreed, 50% are agreed, 0% are uncertain, 34% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

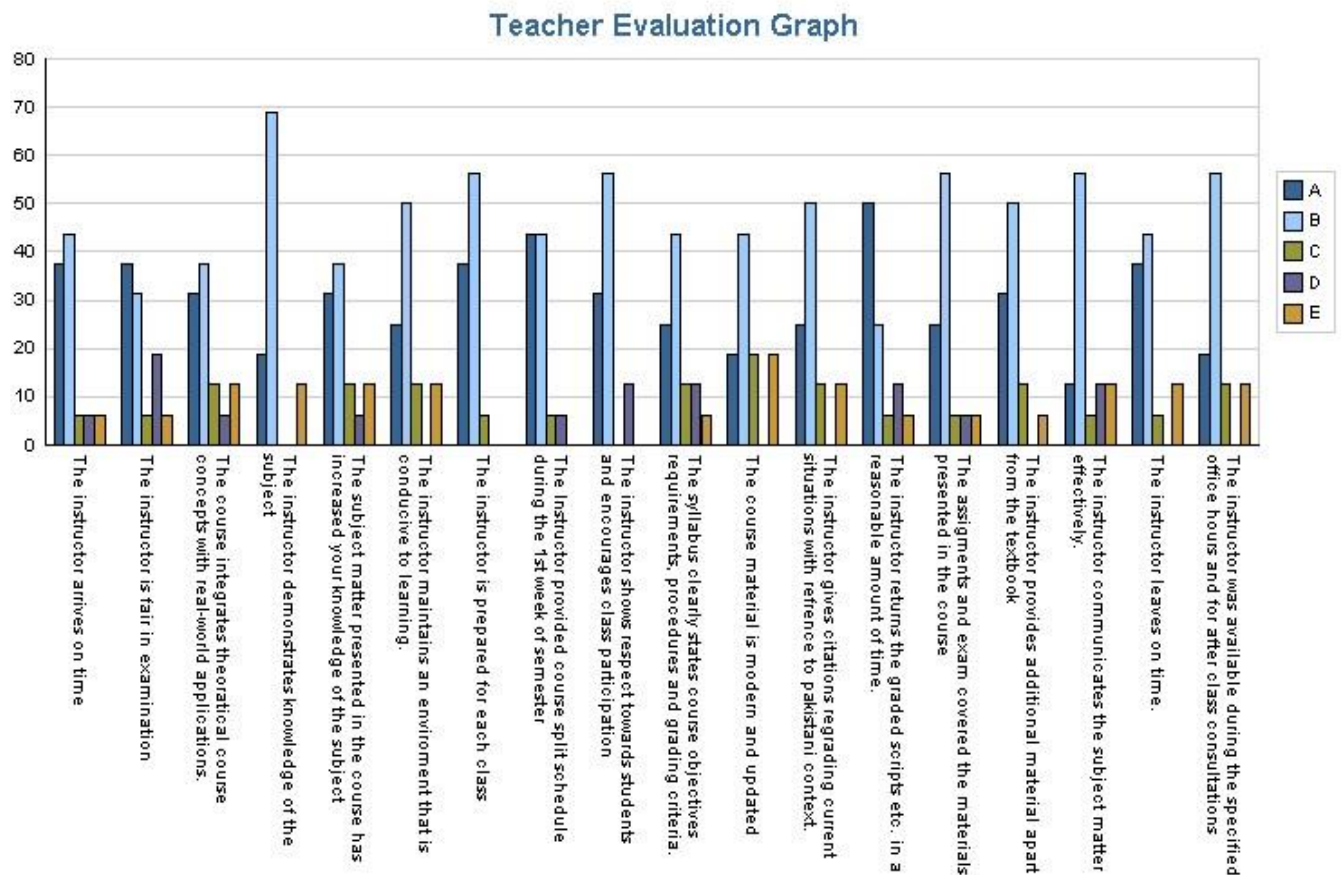
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Muhammad Azhar (Software Construction & Development)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 43% are strongly agreed, 43 % are agreed, 7% are uncertain, 7% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 32% are strongly agreed, 38% are agreed, 12% are uncertain, 6% are Disagreed and 12% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 18% are strongly agreed, 69% are agreed, 0% are uncertain, 12% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 26% are strongly agreed, 50% are agreed, 12% are uncertain, 0% are Disagreed and 12% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 18% are strongly agreed, 54% are agreed, 14% are uncertain, 0% are Disagreed and 14% are strongly disagreed.



General Comments of the Students about this Teacher:

Strengths:

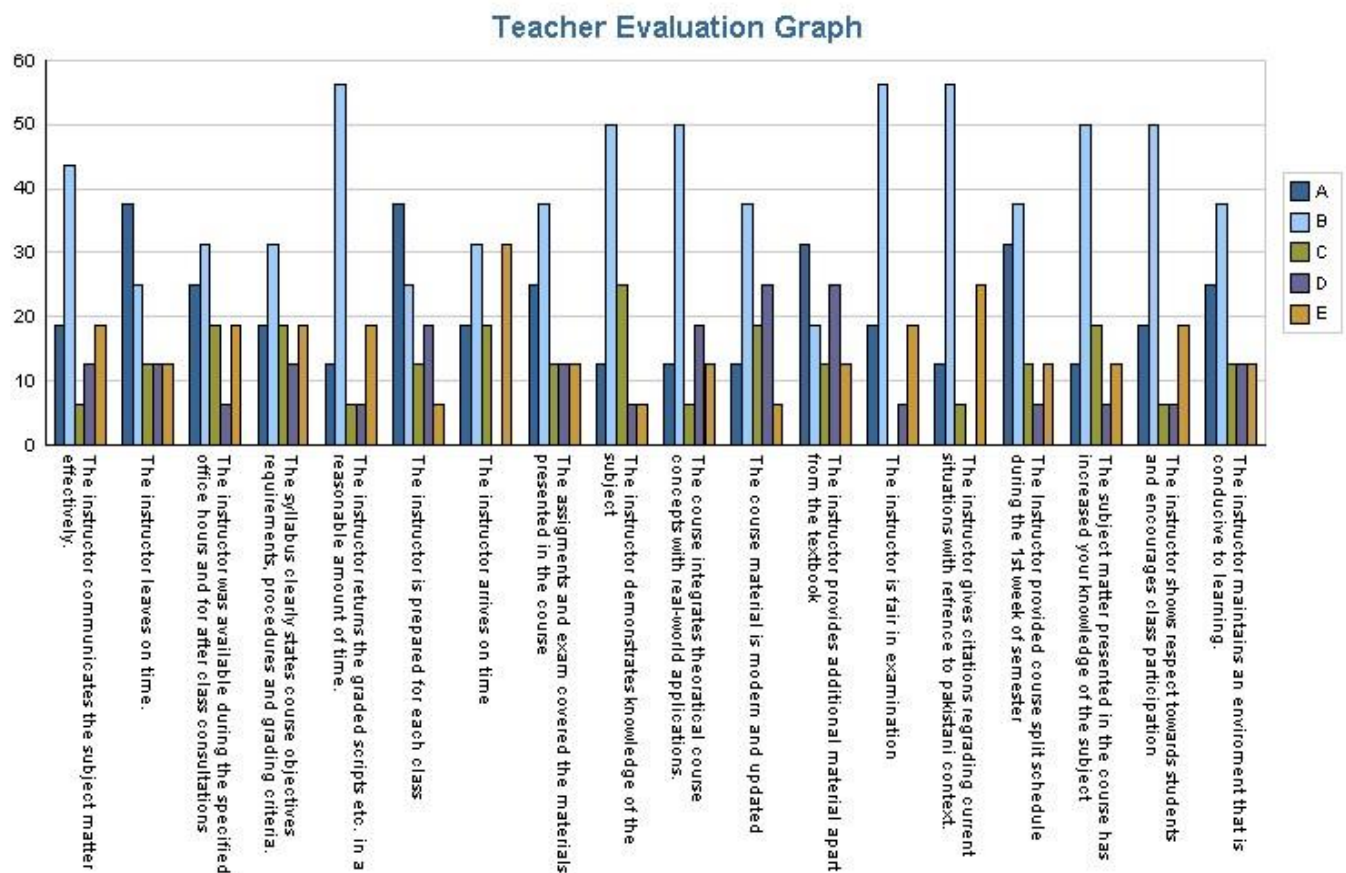
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Syed Mushhad Gillani (Computer Networks)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 31% are strongly agreed, 37 % are agreed, 13% are uncertain, 6% are Disagreed and 13% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 14% are strongly agreed, 50% are agreed, 6% are uncertain, 18% are Disagreed and 12% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 13% are strongly agreed, 50% are agreed, 25% are uncertain, 6% are Disagreed and 6% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 24% are strongly agreed, 37% are agreed, 13% are uncertain, 13% are Disagreed and 13% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 26% are strongly agreed, 31% are agreed, 18% are uncertain, 7% are Disagreed and 18% are strongly disagreed.



General Comments of the Students about this Teacher:

Strengths:

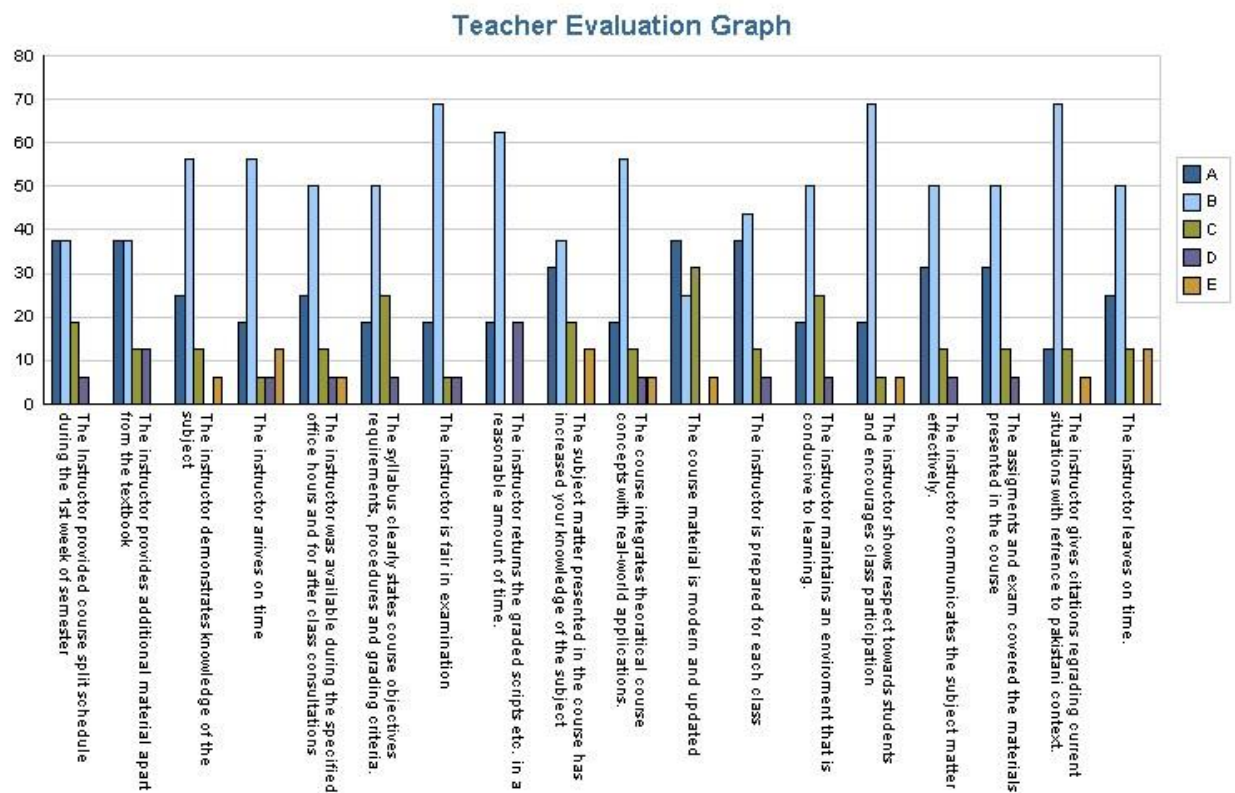
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Iram Rubab (Objected Oriented Analysis & Design)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 38% are strongly agreed, 38 % are agreed, 19% are uncertain, 5% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 19% are strongly agreed, 57% are agreed, 12% are uncertain, 6% are Disagreed and 6% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 25% are strongly agreed, 57% are agreed, 12% are uncertain, 0% are Disagreed and 6% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 19% are strongly agreed, 50% are agreed, 25% are uncertain, 6% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 26% are strongly agreed, 50% are agreed, 12% are uncertain, 6% are Disagreed and 6% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

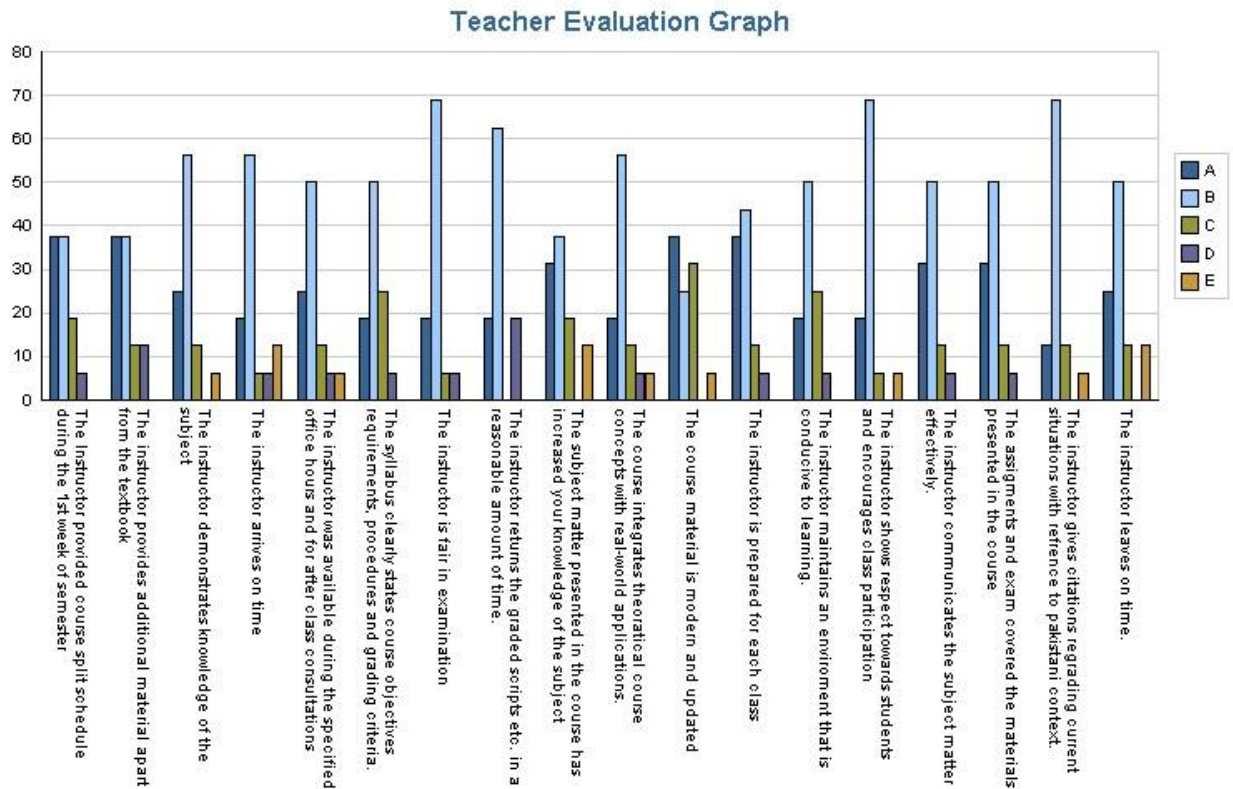
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Iram Rubab (Objected Oriented Analysis & Design)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 38% are strongly agreed, 38 % are agreed, 19% are uncertain, 5% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 19% are strongly agreed, 57% are agreed, 12% are uncertain, 6% are Disagreed and 6% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 25% are strongly agreed, 57% are agreed, 12% are uncertain, 0% are Disagreed and 6% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 19% are strongly agreed, 50% are agreed, 25% are uncertain, 6% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 26% are strongly agreed, 50% are agreed, 12% are uncertain, 6% are Disagreed and 6% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

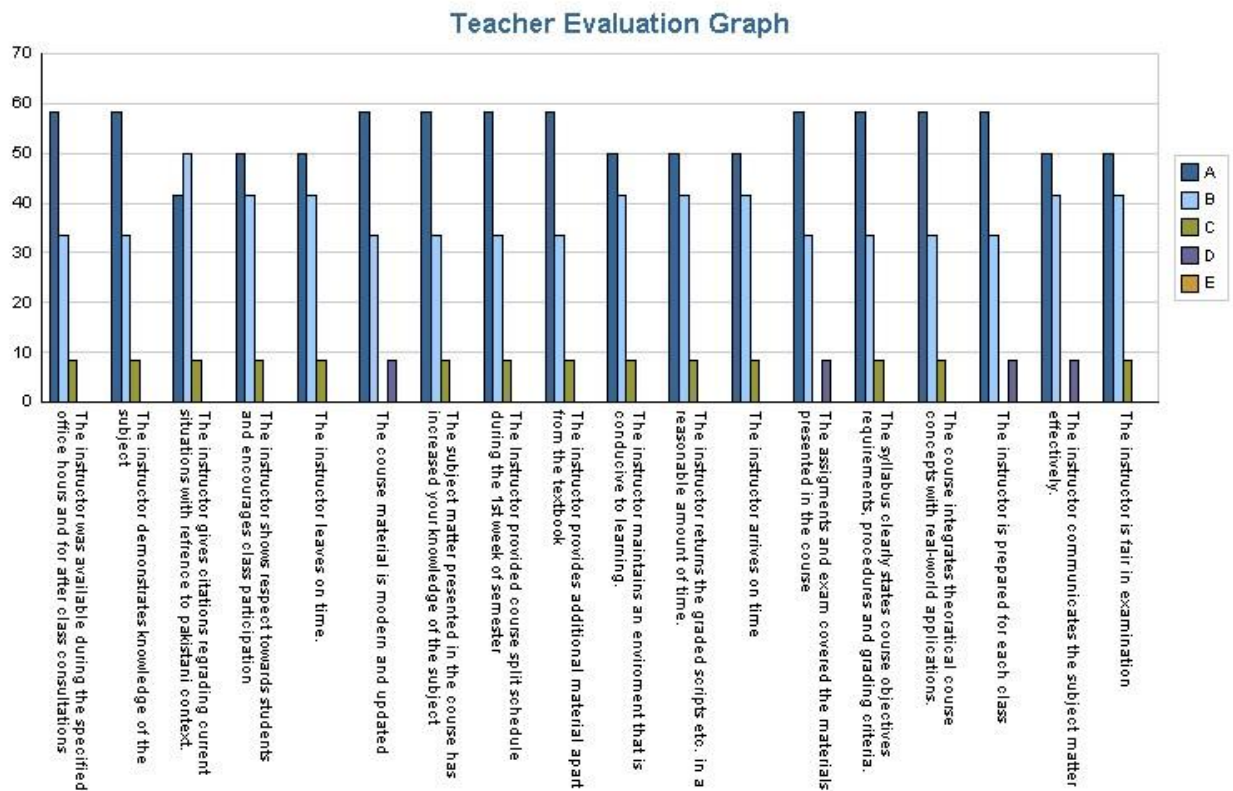
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Iram Rubab (SOFTWARE PROJECT MANAGEMENT)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 59% are strongly agreed, 33 % are agreed, 8% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 58% are strongly agreed, 34% are agreed, 8% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 58% are strongly agreed, 34% are agreed, 8% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 50% are strongly agreed, 42% are agreed, 8% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 58% are strongly agreed, 34% are agreed, 8% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

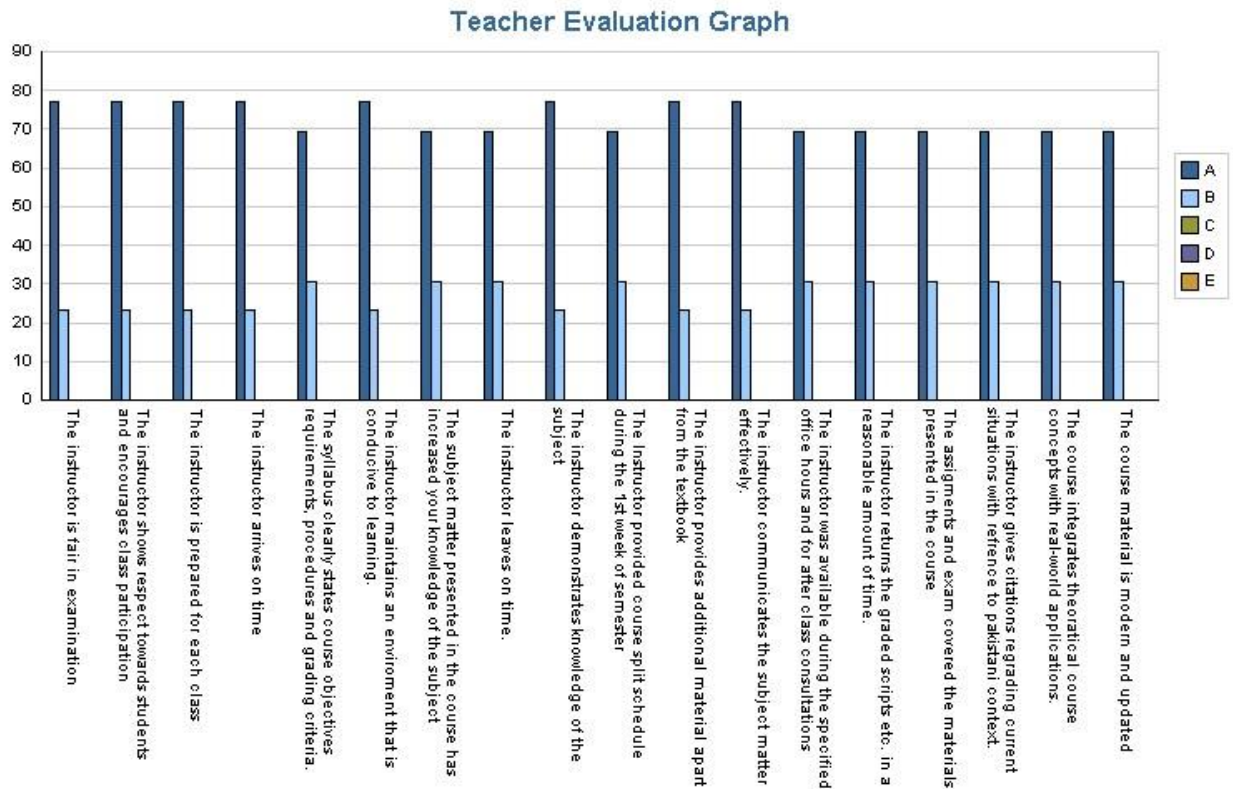
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

FARHAD MUHAMMAD RIAZ (Database Administration & Management)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 69% are strongly agreed, 31 % are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 69% are strongly agreed, 31% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 76% are strongly agreed, 24% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 76% are strongly agreed, 24% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 69% are strongly agreed, 31% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

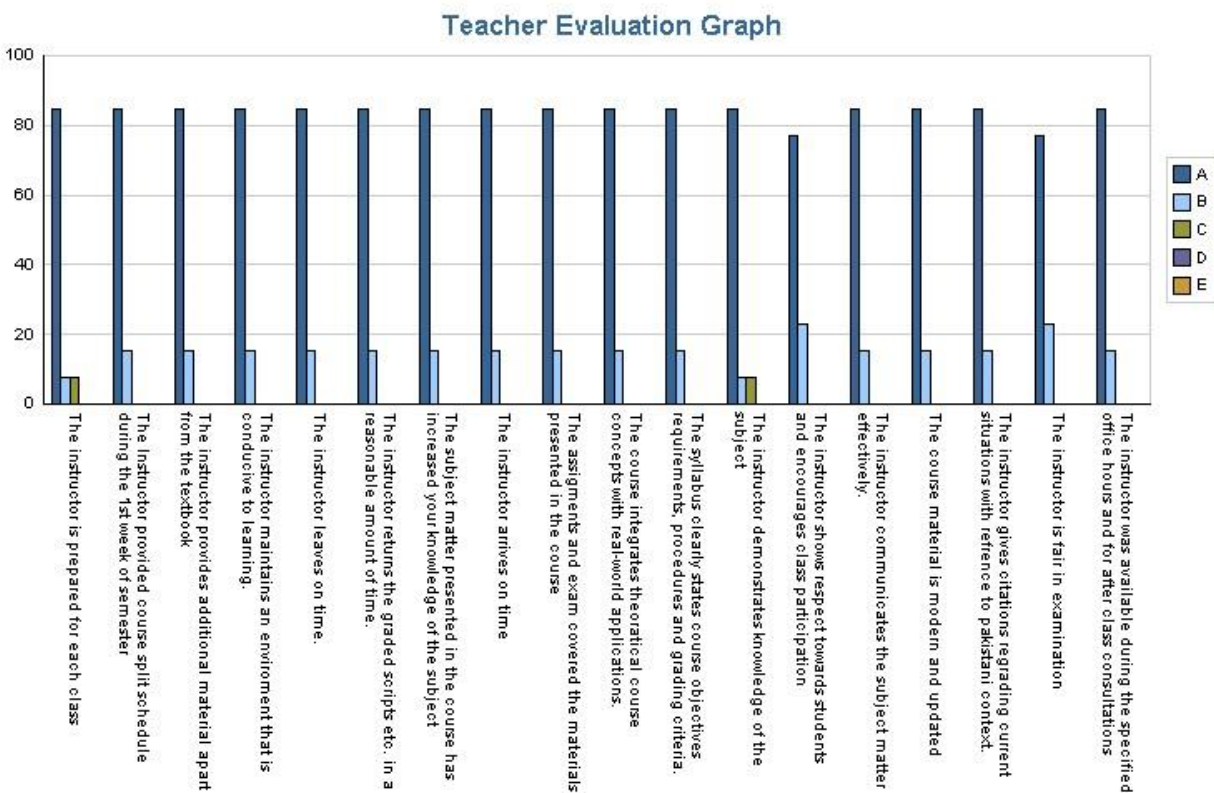
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Imran Khurram (VISUAL PROGRAMMING)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 84% are strongly agreed, 16 % are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 84% are strongly agreed, 16% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 84% are strongly agreed, 8% are agreed, 8% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 84% are strongly agreed, 16% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 84% are strongly agreed, 16% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

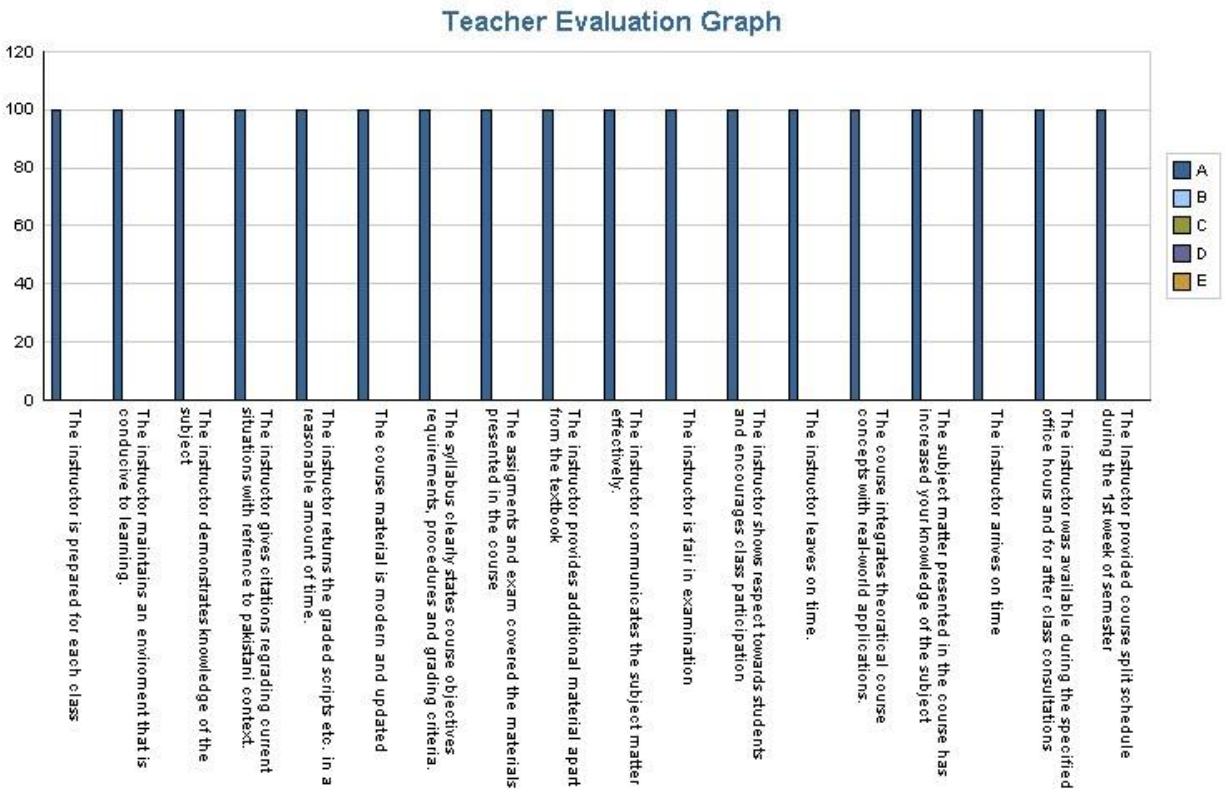
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Sadaf Hamid (STATISTICS AND PROBABILITY)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

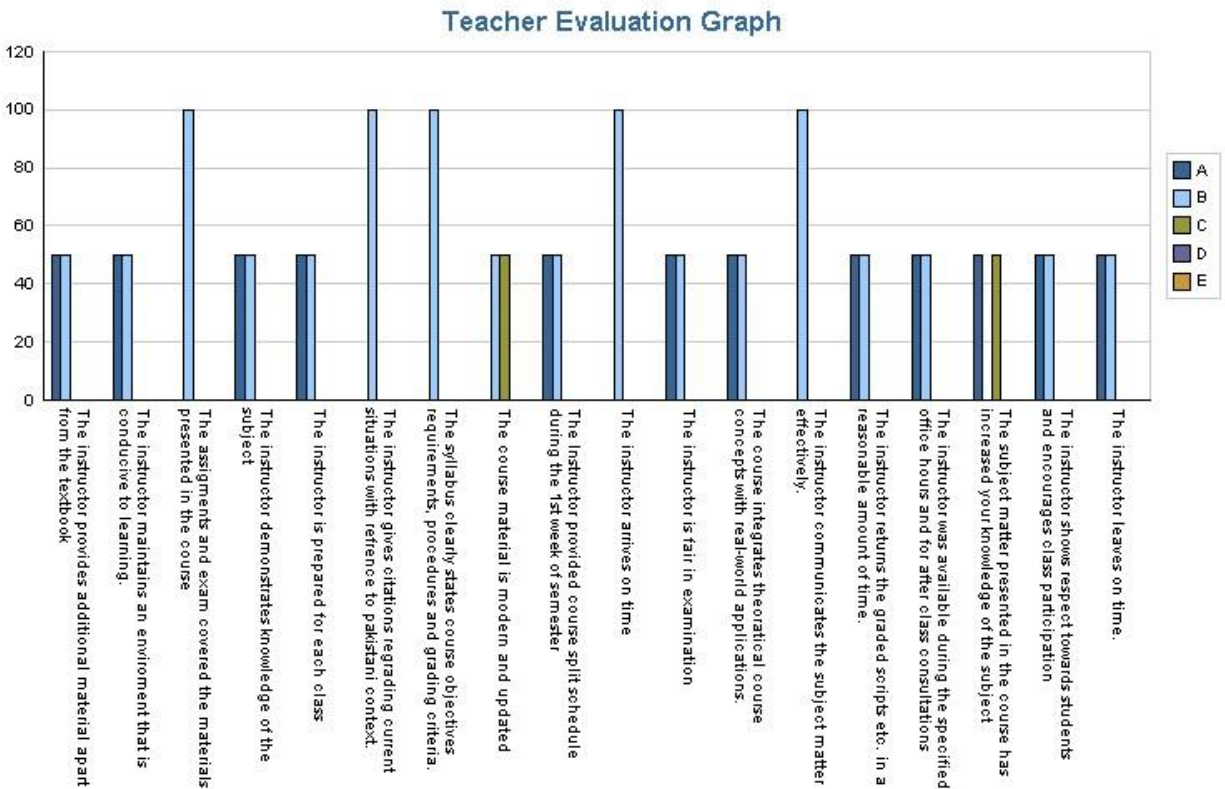
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Saud Altaf (Information Security)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 50% are strongly agreed, 50 % are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

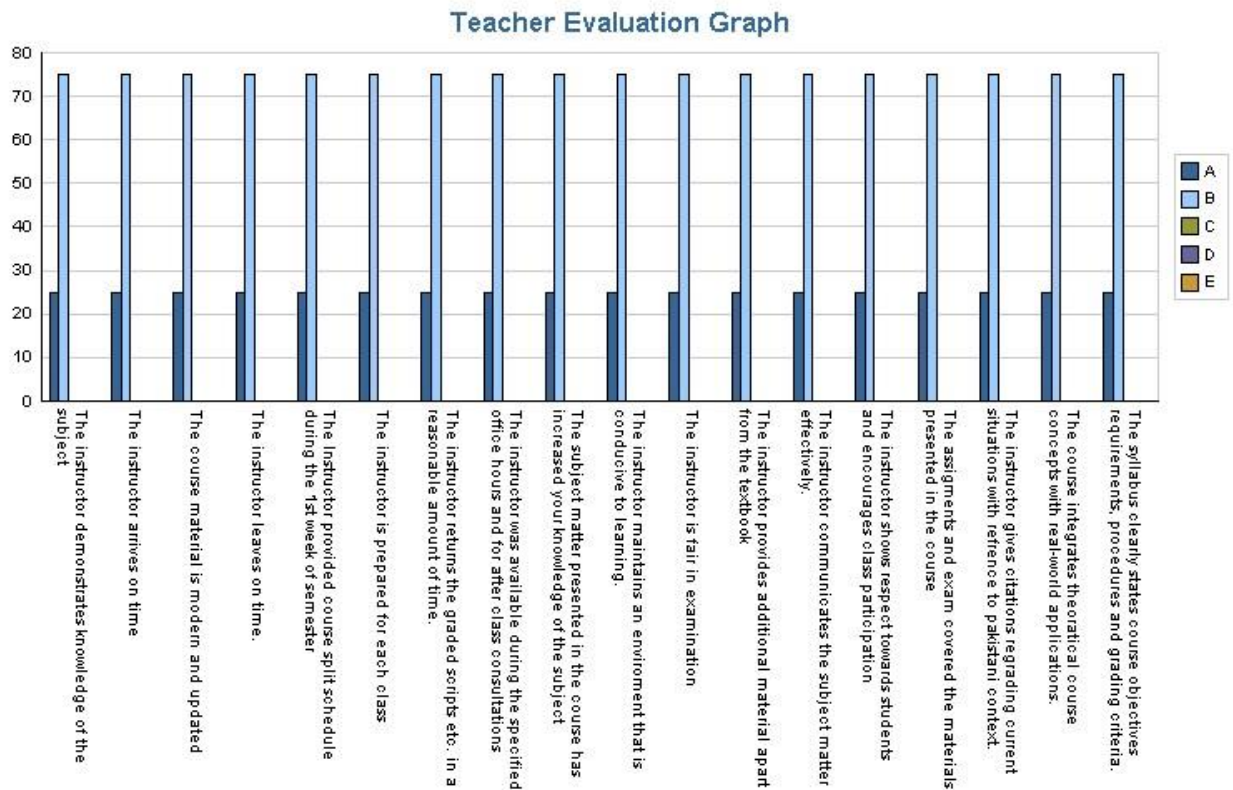
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Saba Un Nisa (Web Technologies)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 25% are strongly agreed, 75% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 25% are strongly agreed, 75% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 25% are strongly agreed, 75% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning’’, shows that 25% are strongly agreed, 75% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations’’, shows that 25% are strongly agreed, 75% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

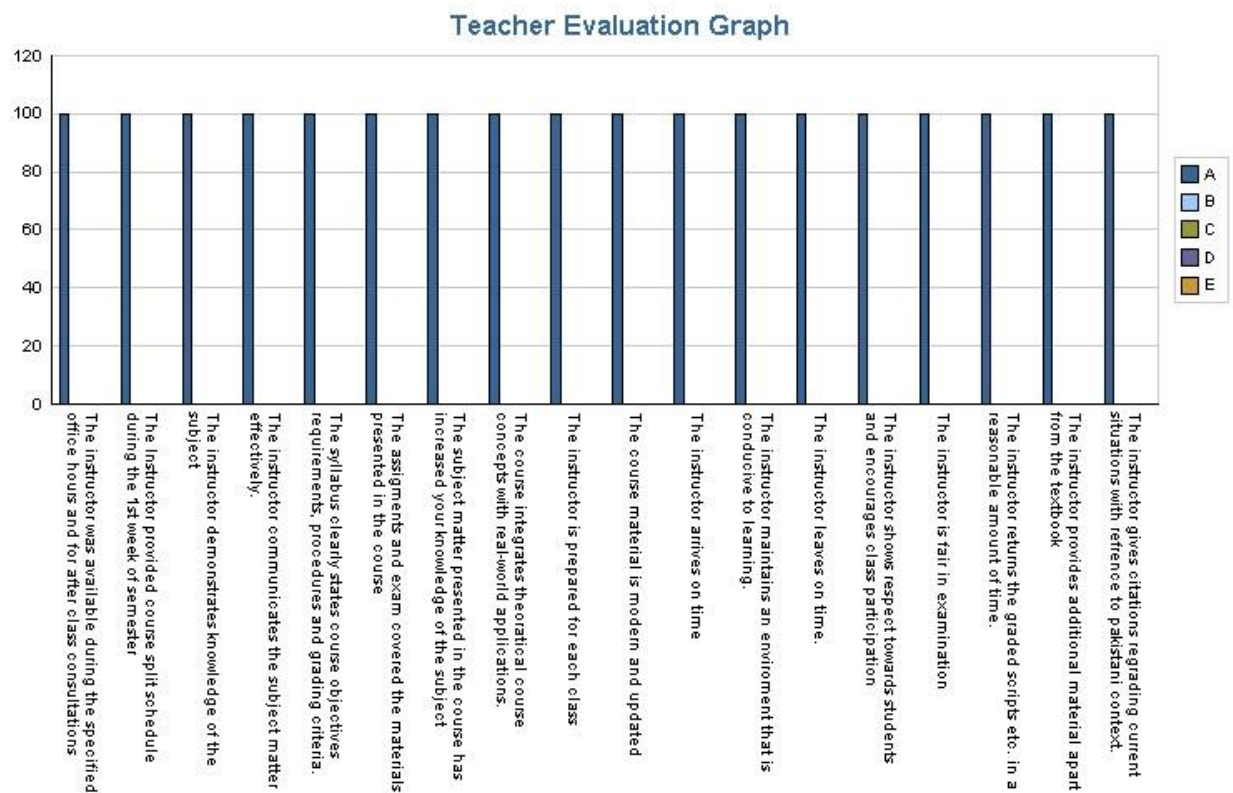
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Muhammad Azhar (Mobile Application Development)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 100% are strongly agreed, 0 % are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject’, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

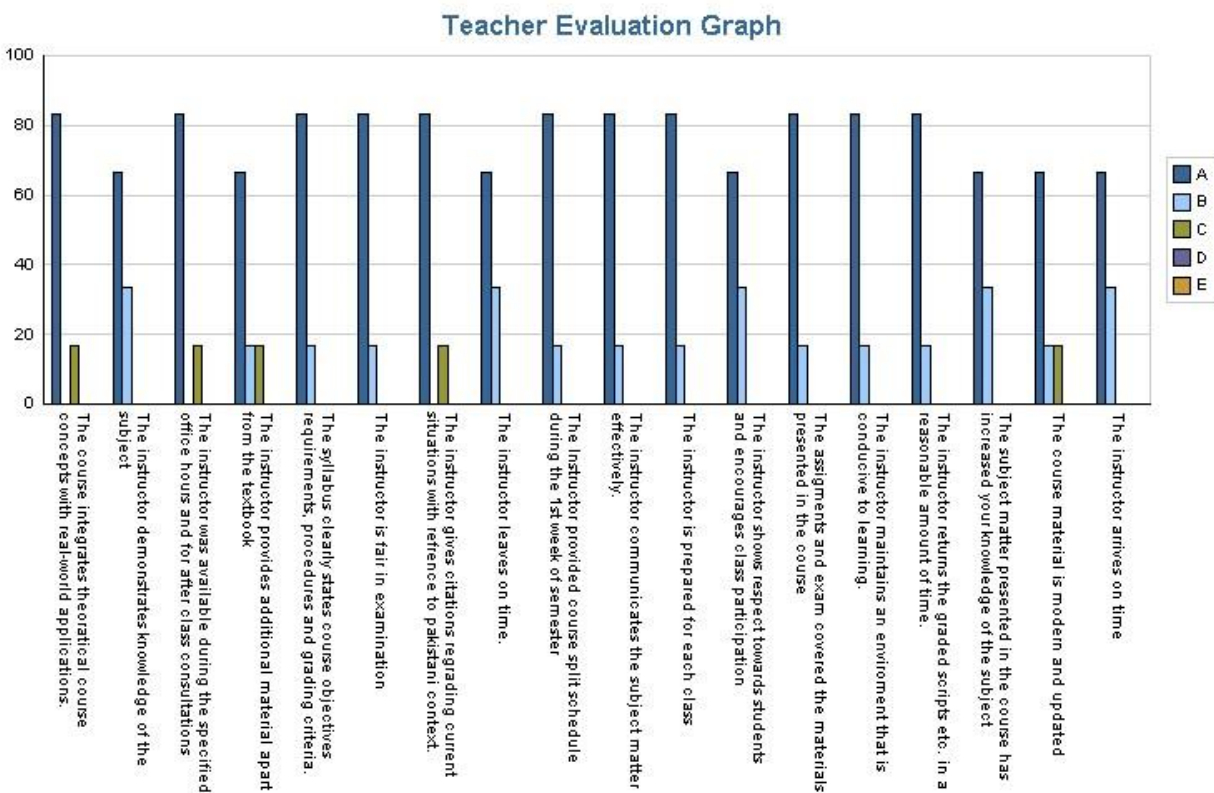
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Ghulam Mustafa (Software Engineering)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 82% are strongly agreed, 18 % are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 82% are strongly agreed, 0% are agreed, 18% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 68% are strongly agreed, 32% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 50% are strongly agreed, 84% are agreed, 16% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 84% are strongly agreed, 0% are agreed, 16% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

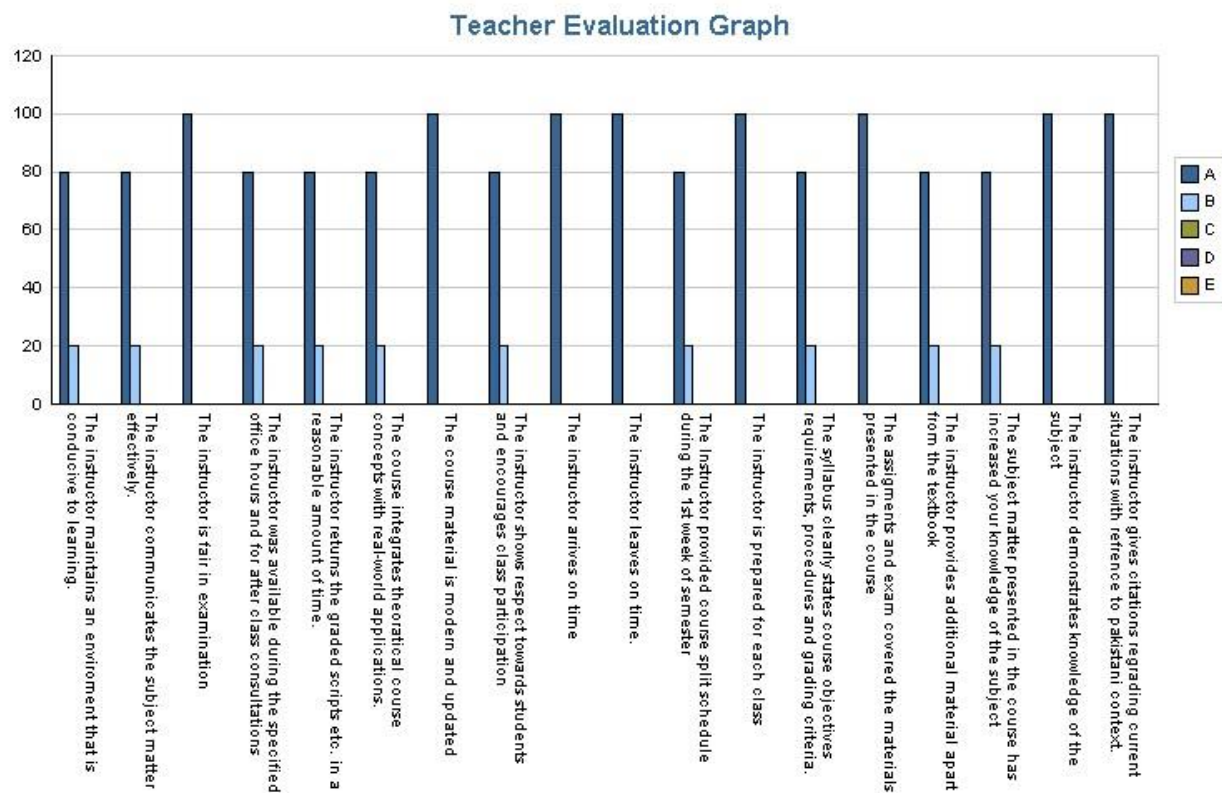
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Saqib Majeed (Object Oriented Programming)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 80% are strongly agreed, 20% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 80% are strongly agreed, 20% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 50% are strongly agreed, 80% are agreed, 20% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 80% are strongly agreed, 20% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

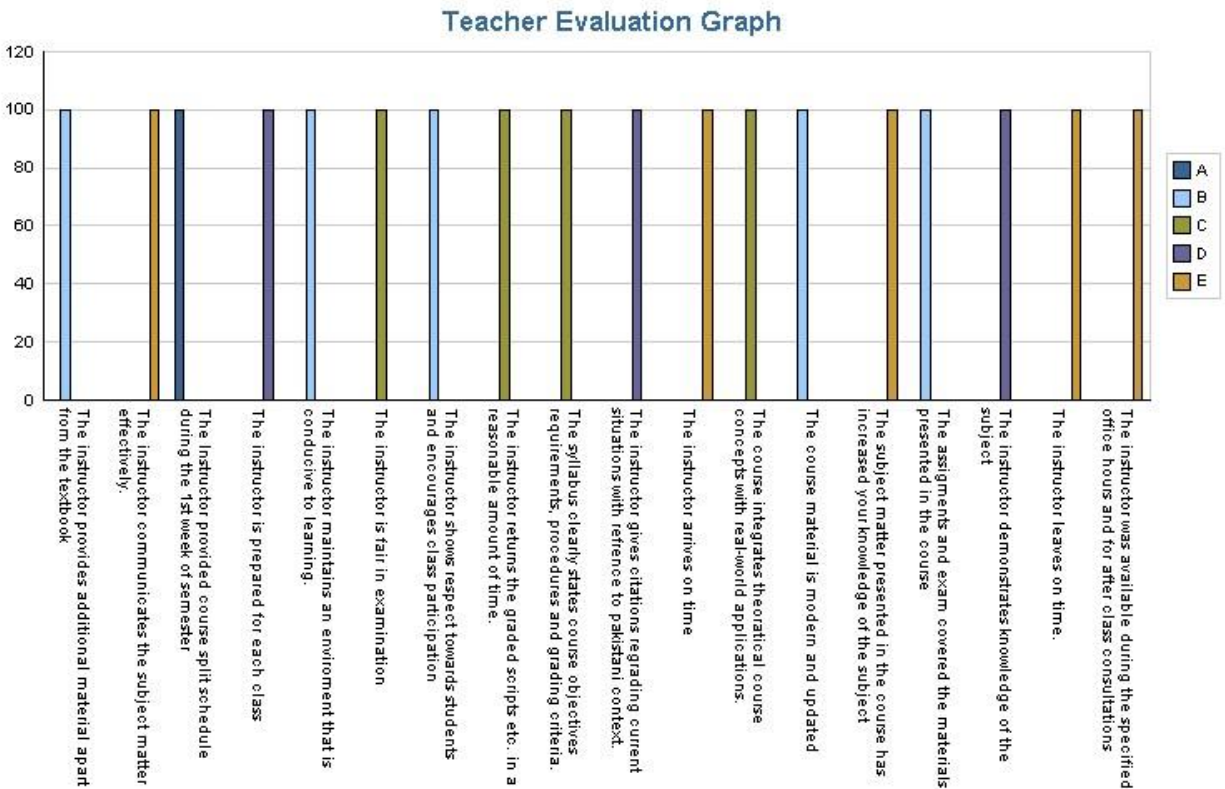
- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
- Teacher should give time to the students after class for consultation.

Saqib Majeed (Object Oriented Programming)

The graph shows the detail of evaluation. The graph for “The Instructor provided course split schedule during the 1st week of semester”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The course integrates theoretical course concepts with real-world applications”, shows that 0% are strongly agreed, 0% are agreed, 100% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor demonstrates knowledge of the subject”, shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed’. The graph for “The instructor maintains an environment that is conducive to learning”, shows that 0% are strongly agreed, 100% are agreed, 0% are uncertain, 0% are Disagreed and 0% are strongly disagreed. The graph for “The instructor was available during the specified office hours and for after class consultations”, shows that 0% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are Disagreed and 100% are strongly disagreed.



A

General Comments of the Students about this Teacher:

Strengths:

- The course is updated
- The teacher is well prepared for the class
- Good communication skills

Weaknesses:

- The teacher gives citation to the current environment
Teacher should give time to the students after class for consultation

Student Course Evaluation

The courses of the respective teachers were also evaluated as per Performa 1 (Annexure-1) and the results are shown in Fig-2. The teacher who taught the course Information Security(CS-497) has score 74%, the teacher for Introduction To Information & Communication Technologies (CS-300) has score 78%, the teacher for Programming Fundamentals (CS-323) has score 94%, the teacher for Data Structure & Algorithm (CS-443) has score 89%, the teacher for Calculus and Analytic Geometry (MTH-310) has score 75%, the teacher for Software Requirement Engineering (SE-454) has score 79%, the teacher for Human Computer Interaction (CS-685) has score 87%, the teacher for Software Construction & Development (SE-540) has score 91%, the teacher for Computer Networks (CS-577) has score 90%, the teacher for Modern Programing Language (CS-432) has score 88%, the teacher for Mobile Application Development (CS-693) has score 77%, the teacher for Computer Networks (CS-577) has score 79 %, the teacher for Web Technologies (CS-566) has score 85%, the teacher for Software Engineering (CS-453) has score 81%, the teacher for Statistics And Probability (STT-500) has score 85%.

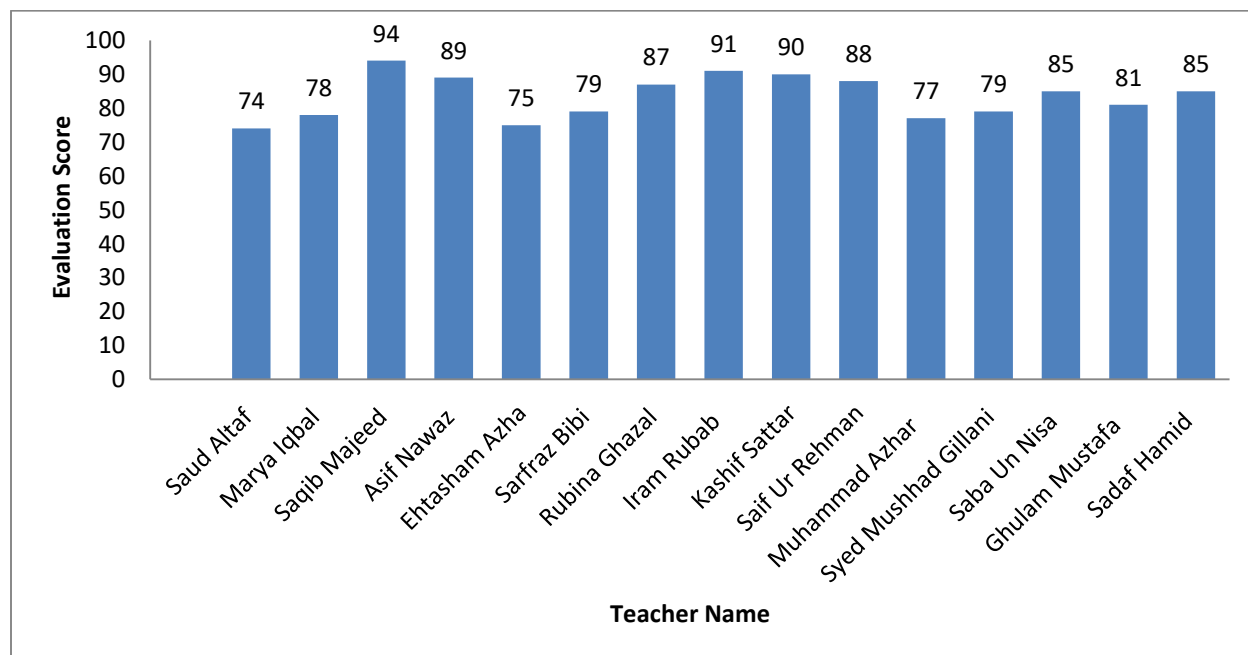
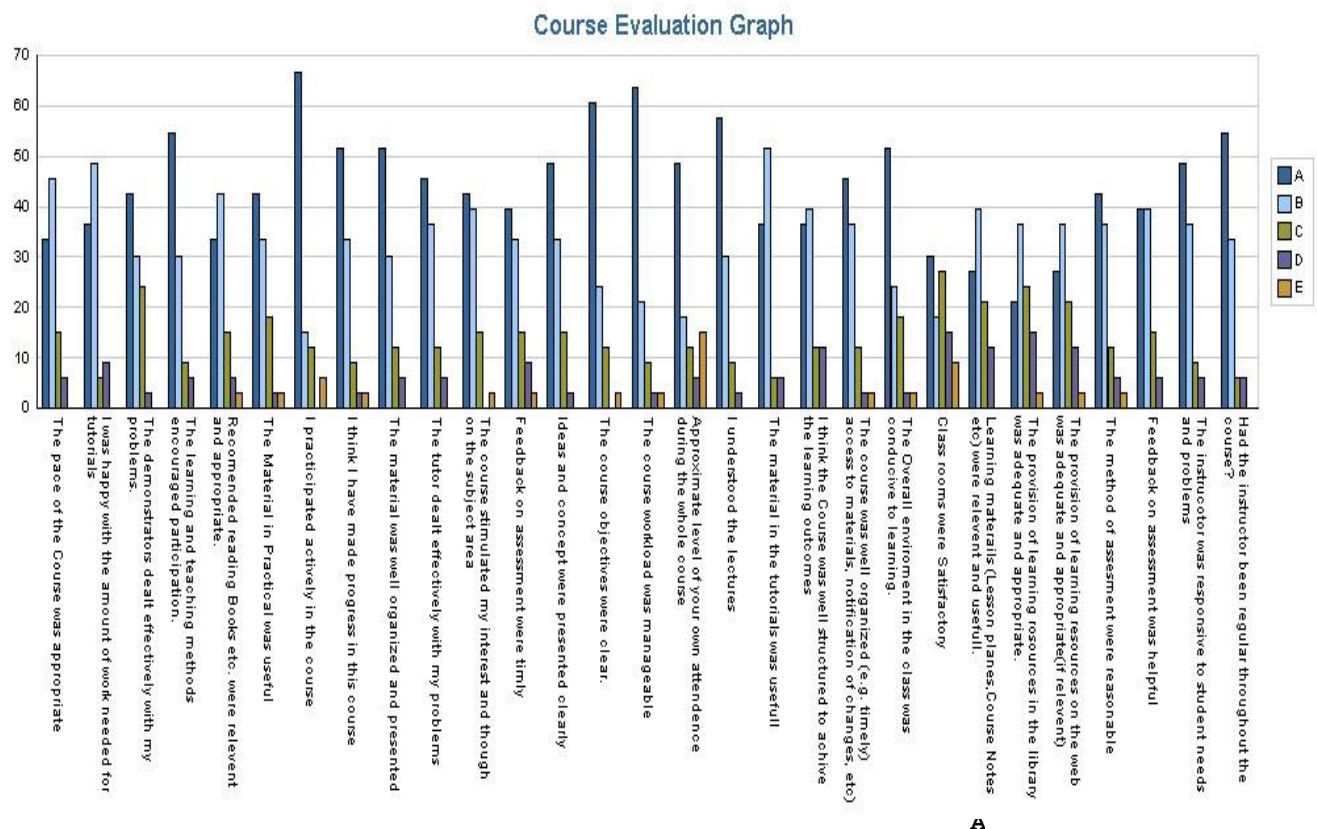


Figure 2: Student Course Evaluation Graph

Saud Altaf (Introduction To Information & Communication Technologies)

The graph for “Had the instructor been regular throughout the course” shows that 55% are strongly agreed, 35% are agreed, 5% are uncertain, 5% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 45% are strongly agreed, 35% are agreed and 12% are uncertain 4% are disagreed and 4% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 28% are strongly agreed, 38% are agreed and 28% are uncertain 12% are disagreed and % are strongly disagreed. The graph for “The course objectives were clear” shows that 60% are strongly agreed, 23% are agreed, 11% are uncertain, 0% are disagreed and 6% are strongly disagreed. The graph for “The Course workload was manageable” shows that 65% are strongly agreed, 20% are agreed, 9% are uncertain, 3% are disagreed and 3% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 49% are strongly agreed, 37% are agreed, 9% are uncertain and 5% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

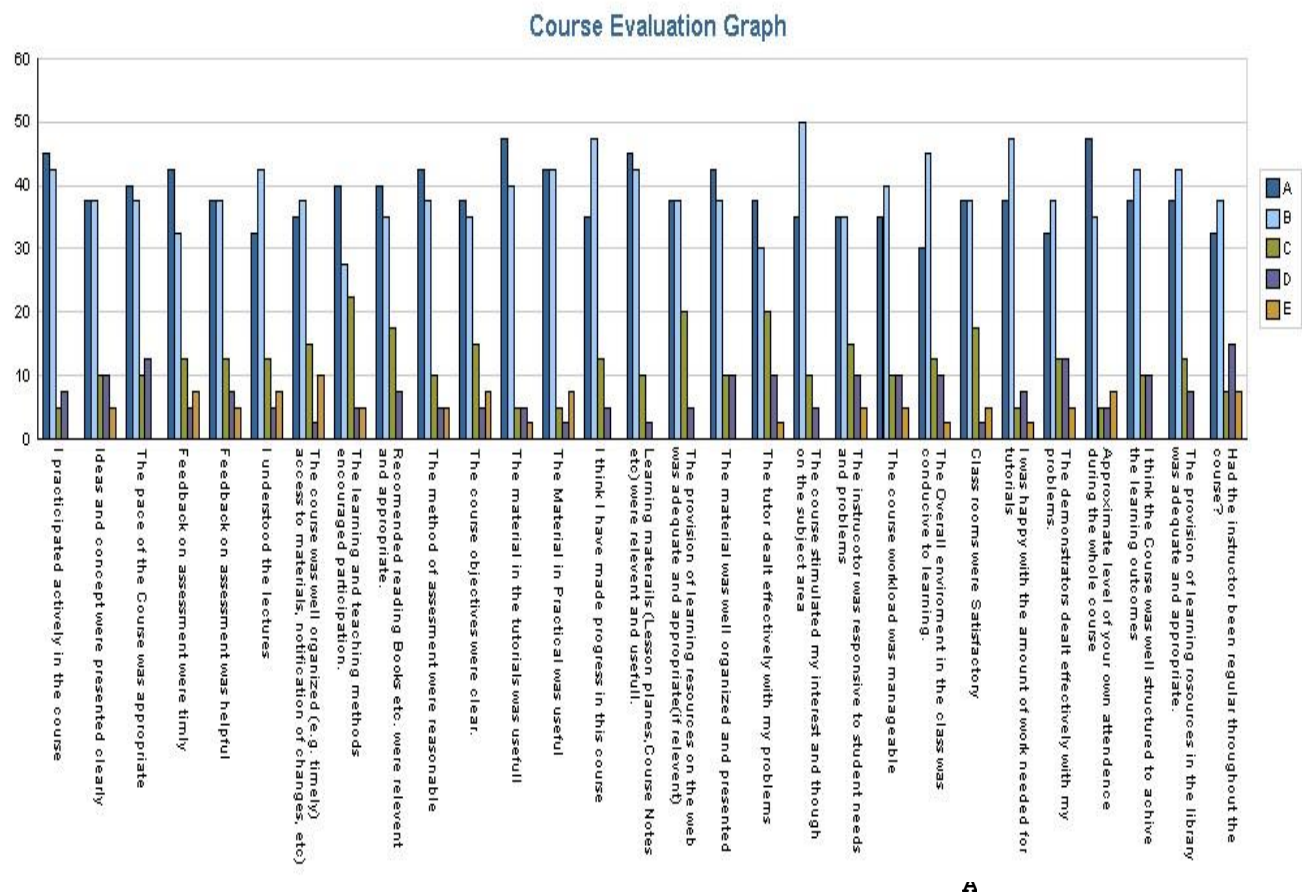
- Course objectives were clear
- Good communication with students
- Well organized material

Weaknesses:

- Tutorials should be added
- More practical material should be added

Marya Iqbal (Introduction To Information & Communication Technologies)

The graph for “Had the instructor been regular throughout the course” shows that 31% are strongly agreed, 35% are agreed, 9% are uncertain, 16% are disagreed and 9% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 42% are strongly agreed, 38% are agreed and 10% are uncertain 10% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 42% are strongly agreed, 38% are agreed and 12% are uncertain 8% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 38% are strongly agreed, 35% are agreed, 15% are uncertain, 5% are disagreed and 7% are strongly disagreed. The graph for “The Course workload was manageable” shows that 35% are strongly agreed, 40% are agreed, 10% are uncertain, 10% are disagreed and 5% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 30% are strongly agreed, 45% are agreed, 11% are uncertain and 10% are disagreed and 4% are strongly disagreed.



General Comments of Students about this course:

Strengths:

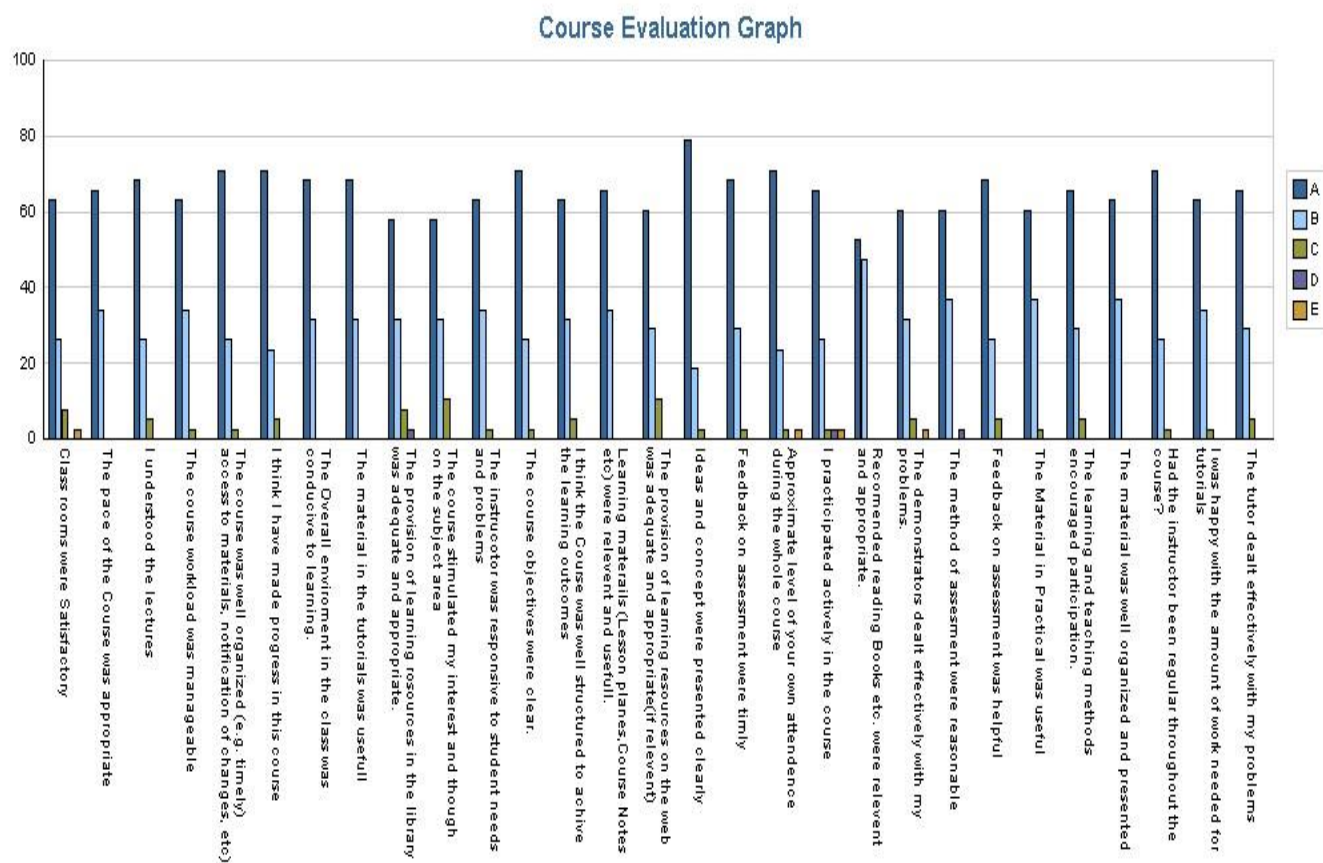
- Understanding of the course
- Good reference material was provided
- Course was well organized

Weaknesses:

- Feedback on assessment should be timely
- Student's interest should be developed

Saqib Majeed (Programming Fundamentals)

The graph for “Had the instructor been regular throughout the course” shows that 70% are strongly agreed, 23% are agreed, 7% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 62% are strongly agreed, 35% are agreed and 3% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 60% are strongly agreed, 25% are agreed and 10% are uncertain 5% are disagreed and % are strongly disagreed. The graph for “The course objectives were clear” shows that 70% are strongly agreed, 25% are agreed, 5% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 62% are strongly agreed, 35% are agreed, 3% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 62% are strongly agreed, 35% are agreed, 3% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

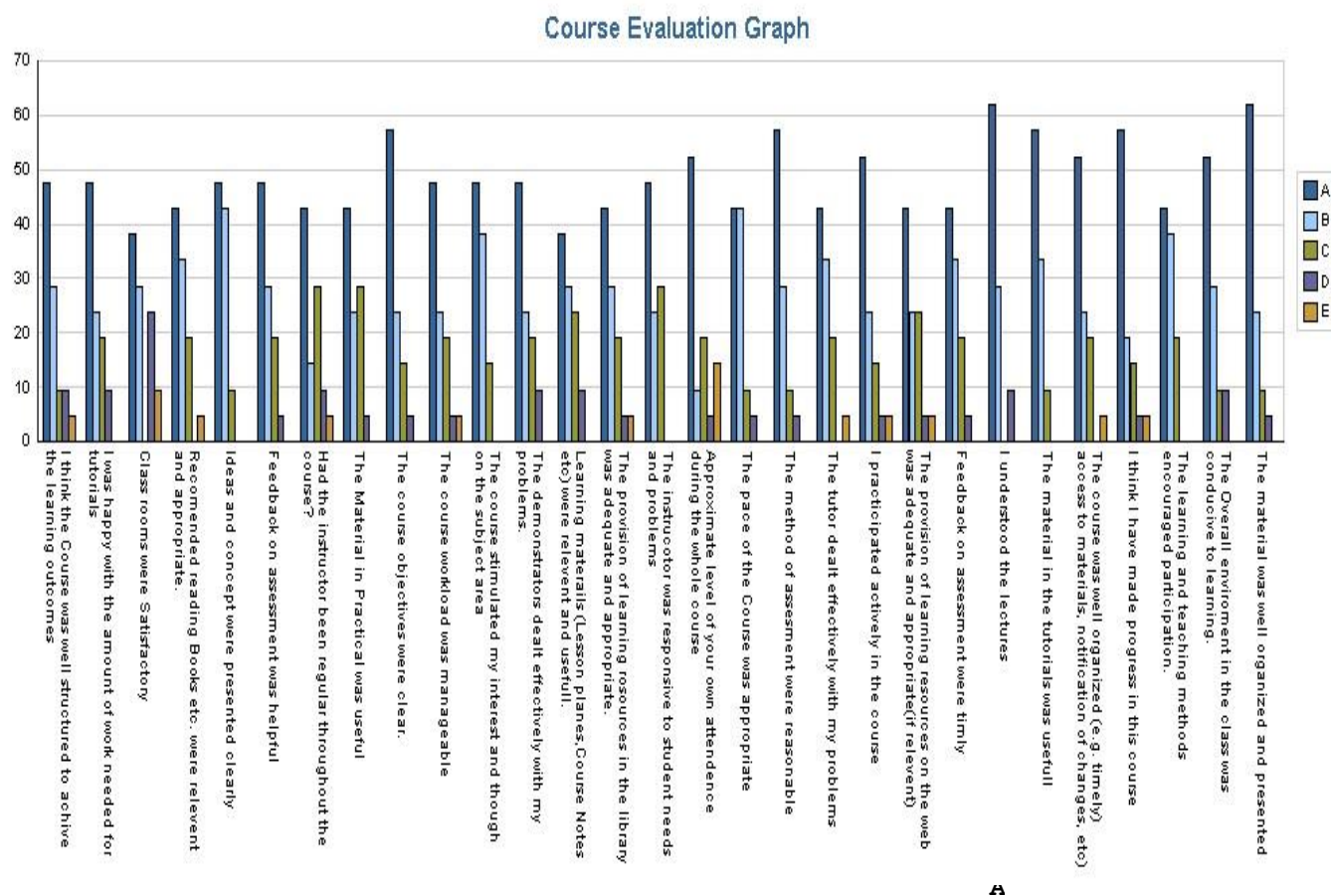
- Understanding of the course
- Clear Objectives
- Well organized material

Weaknesses:

- More practical material should be added

Asif Nawaz (DATA STRUCTURE AND ALGORITHMS)

The graph for “Had the instructor been regular throughout the course” shows that 42% are strongly agreed, 15% are agreed, 28% are uncertain, 10% are disagreed and 5% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 48% are strongly agreed, 28% are agreed and 10% are uncertain 10% are disagreed and 4% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 44% are strongly agreed, 23% are agreed and 23% are uncertain 5% are disagreed and 5% are strongly disagreed. The graph for “The course objectives were clear” shows that 58% are strongly agreed, 22% are agreed, 15% are uncertain, 5% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 48% are strongly agreed, 24% are agreed, 20% are uncertain, 4% are disagreed and 4% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 48% are strongly agreed, 24% are agreed, 28% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

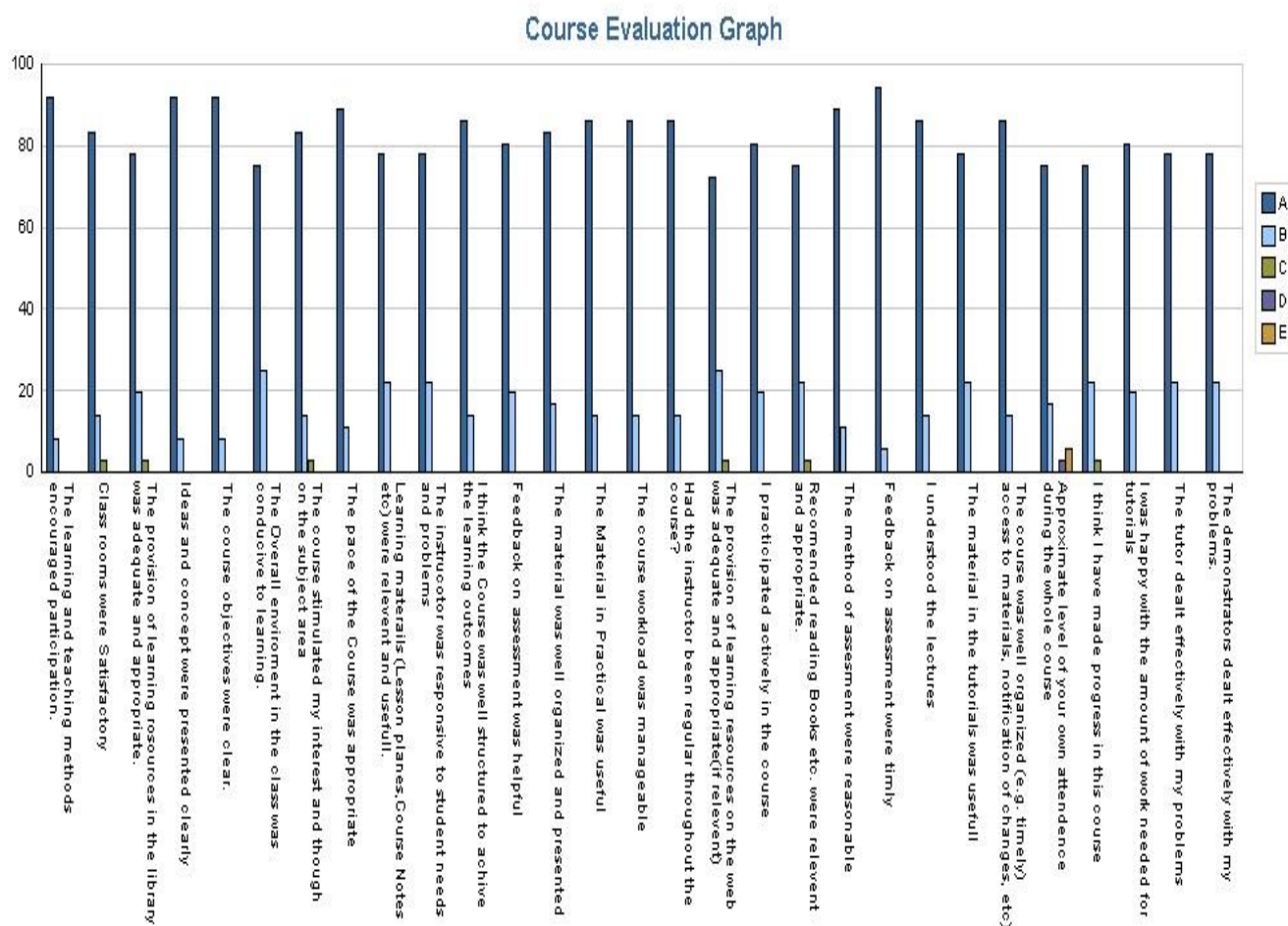
- Objectives well clear
- Reference material provided
- Well organized material

Weaknesses:

- The demonstration should be more effective

Hira Masood (ENGLISH COMPREHENSION)

The graph for “Had the instructor been regular throughout the course” shows that 92% are strongly agreed, 8% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 92% are strongly agreed, 8% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 80% are strongly agreed, 15% are agreed and 5% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 95% are strongly agreed, 5% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 90% are strongly agreed, 10% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 80% are strongly agreed, 20% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

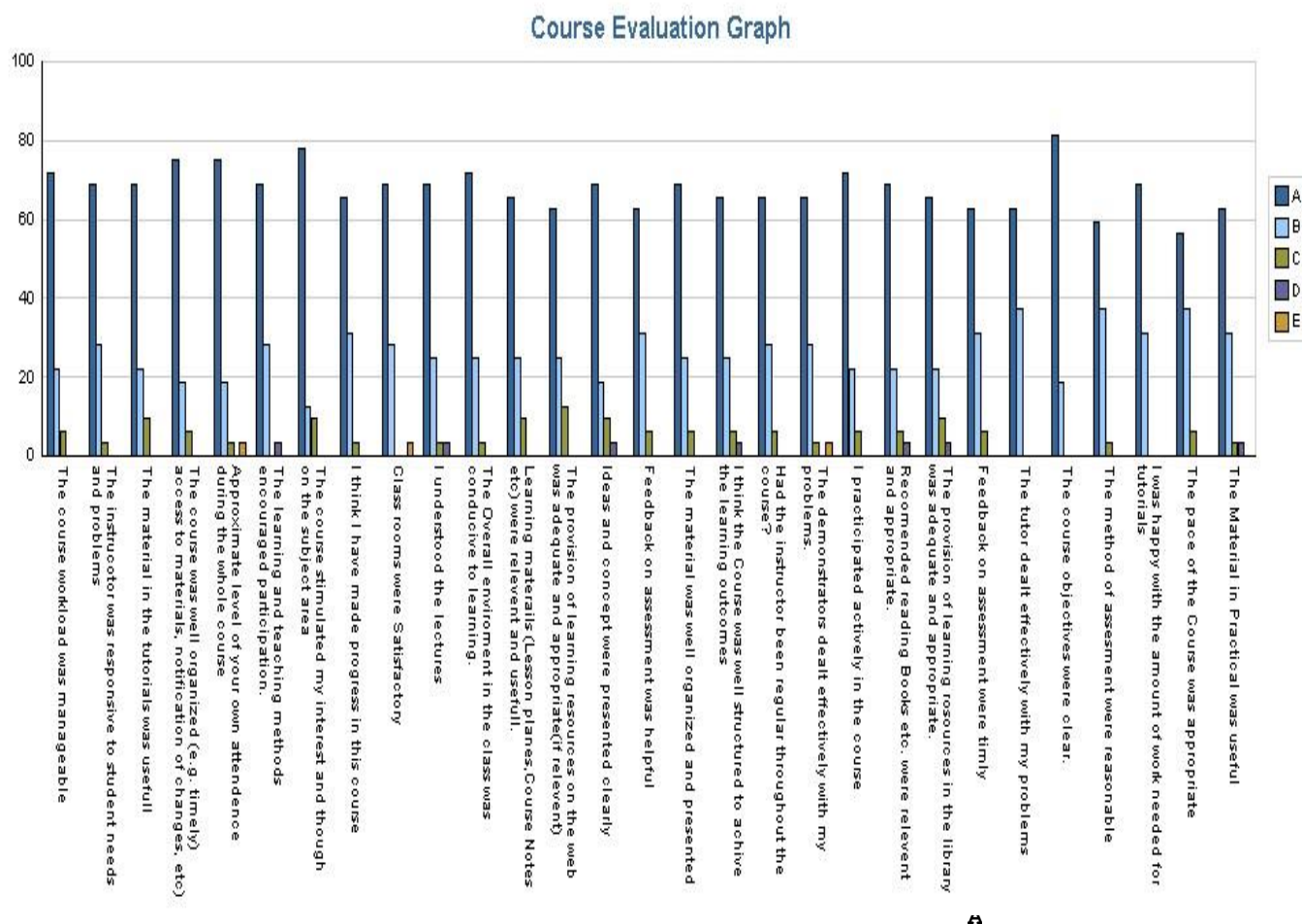
- Taught well
- Well organized material
- Effective teaching method

Weaknesses:

- More practical material needed
- More reference material needed

ABDUL HAMEED (CALCULUS AND ANALYTICAL GEOMETRY)

The graph for “Had the instructor been regular throughout the course” shows that 65% are strongly agreed, 30% are agreed, 5% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 65% are strongly agreed, 23% are agreed and 7% are uncertain 5% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 62% are strongly agreed, 23% are agreed and 15% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 81% are strongly agreed, 19% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 70% are strongly agreed, 20% are agreed, 10% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 68% are strongly agreed, 25% are agreed, 7% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

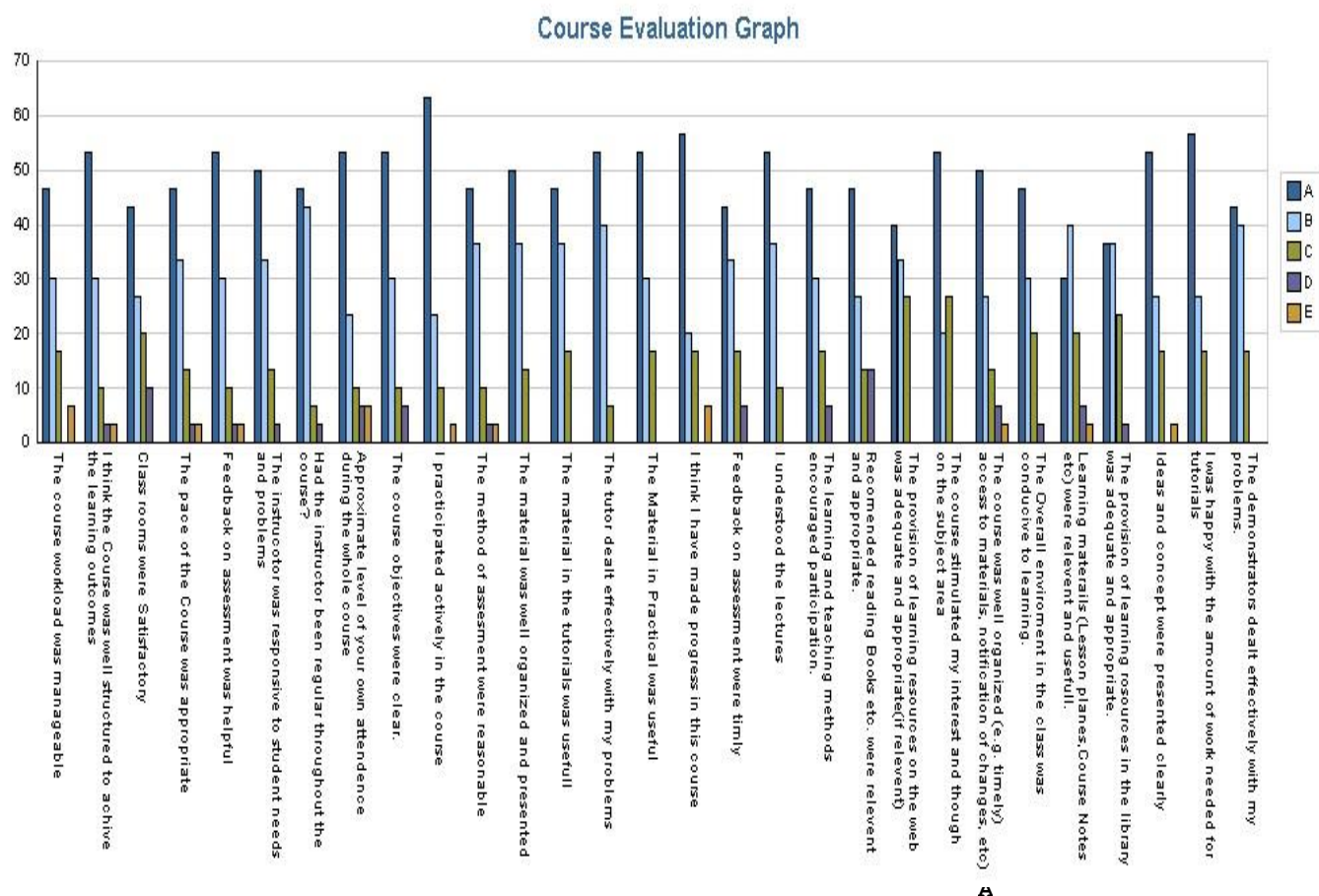
- Taught well
- Well organized material
- Effective teaching method

Weaknesses:

- More practical material needed
- More reference material needed

Ehtasham Azhar (CALCULUS AND ANALYTICAL GEOMETRY)

The graph for “Had the instructor been regular throughout the course” shows that 48% are strongly agreed, 41% are agreed, 6% are uncertain, 5% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 52% are strongly agreed, 28% are agreed and 10% are uncertain 5% are disagreed and 5% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 70% are strongly agreed, 35% are agreed and 25% are uncertain 5% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 52% are strongly agreed, 30% are agreed, 10% are uncertain, 8% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 47% are strongly agreed, 30% are agreed, 17% are uncertain, 0% are disagreed and 6% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 50% are strongly agreed, 32% are agreed, 13% are uncertain and 5% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

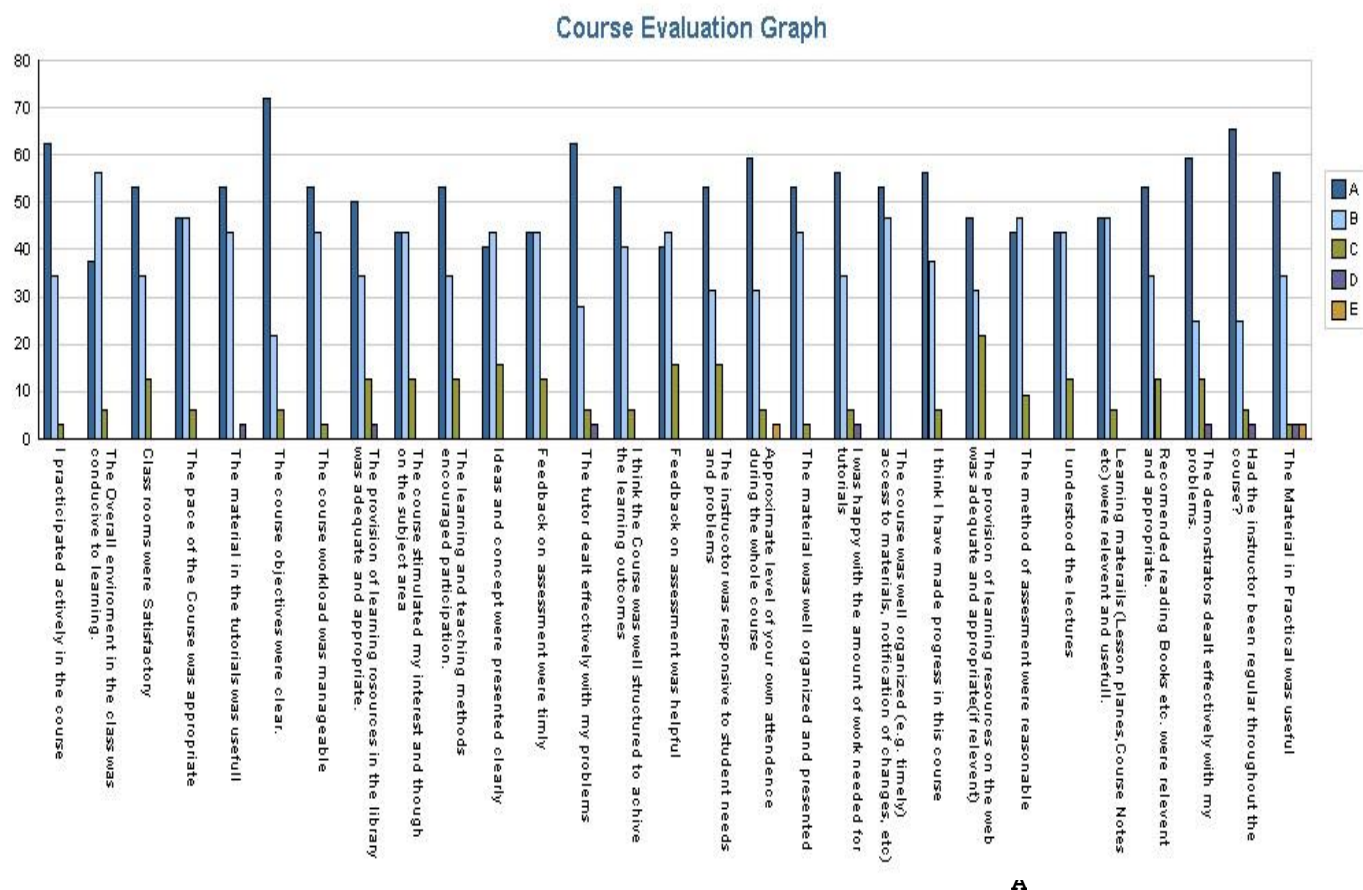
- Objectives well clear
- Good teaching method
- Effective practical work

Weaknesses:

- Tutorials should be added
- Need to create interest for students

Hafiz M. Sohaib Frazy (Basic Electronics)

The graph for “Had the instructor been regular throughout the course” shows that 62% are strongly agreed, 31% are agreed, 5% are uncertain, 2% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 52% are strongly agreed, 40% are agreed and 8% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 48% are strongly agreed, 30% are agreed and 22% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 71% are strongly agreed, 21% are agreed, 8% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 53% are strongly agreed, 43% are agreed, 4% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 52% are strongly agreed, 30% are agreed, 18% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

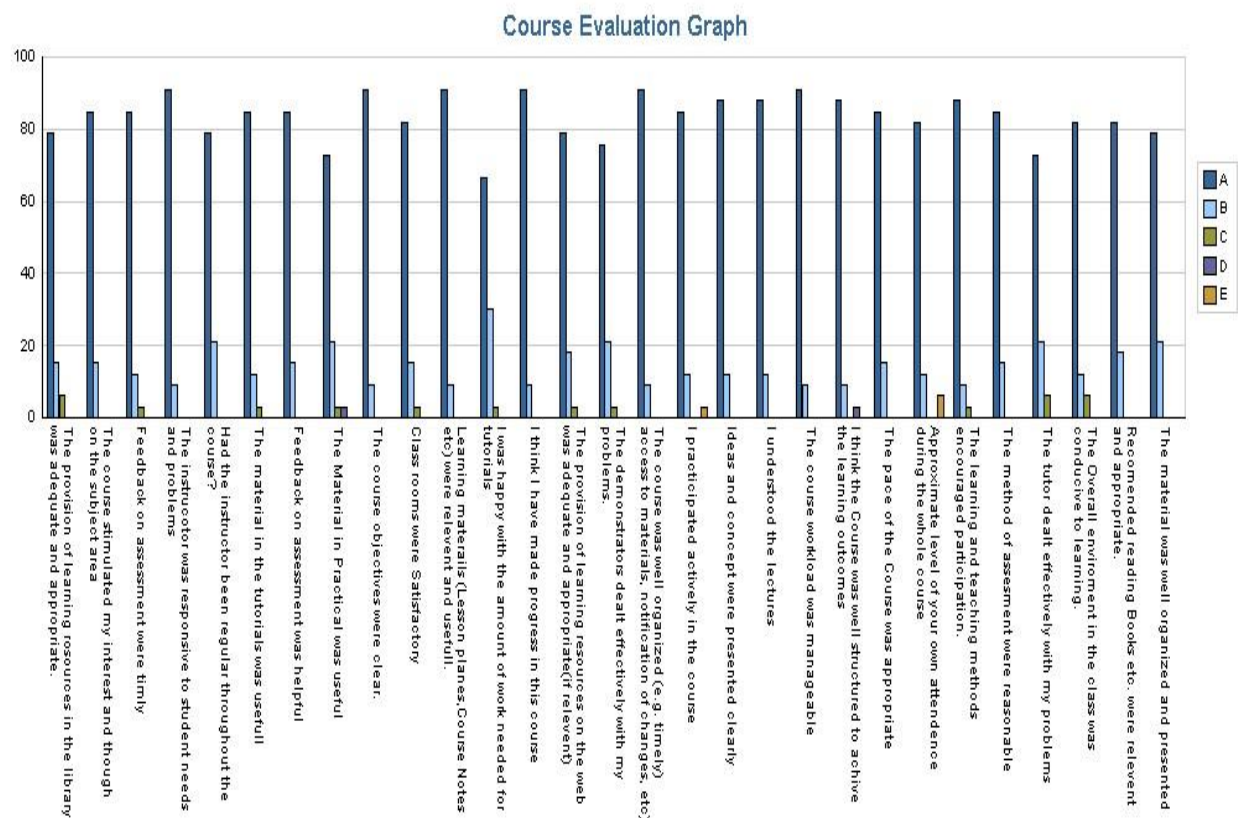
- Objectives well clear
- Good teaching method
- Listen student carefully

Weaknesses:

- Tutorials should be added
- More practical examples should be added

Farhad Ali (ISLAMIC STUDIES)

The graph for “Had the instructor been regular throughout the course” shows that 80% are strongly agreed, 20% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 85% are strongly agreed, 10% are agreed and 0% are uncertain 5% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 79% are strongly agreed, 19% are agreed and 2% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 90% are strongly agreed, 10% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 90% are strongly agreed, 10% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 90% are strongly agreed, 10% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



A

General Comments of the Students about this Course:

Strengths:

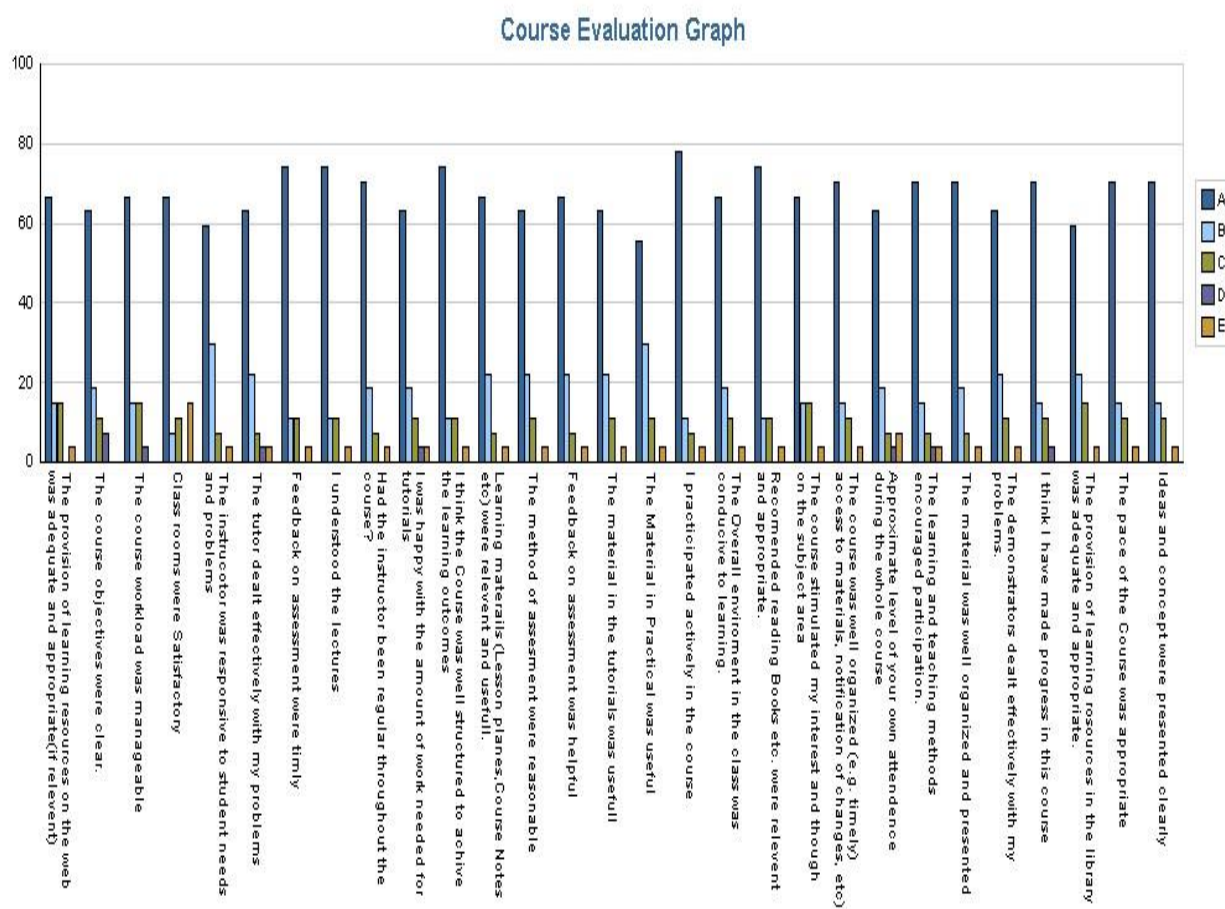
- Objectives well clear
- Progress in the course
- Listen student carefully and Responsive

Weaknesses:

- Tutorials should be added
- Workload was not manageable

Abaidullah Tariq (ISLAMIC STUDIES)

The graph for “Had the instructor been regular throughout the course” shows that 69% are strongly agreed, 19% are agreed, 8% are uncertain, 0% are disagreed and 4% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 68% are strongly agreed, 12% are agreed and 12% are uncertain 0% are disagreed and 8% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 65% are strongly agreed, 15% are agreed and 15% are uncertain 0% are disagreed and 5% are strongly disagreed. The graph for “The course objectives were clear” shows that 61% are strongly agreed, 19% are agreed, 12% are uncertain, 8% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 65% are strongly agreed, 15% are agreed, 15% are uncertain, 5% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 60% are strongly agreed, 25% are agreed, 10% are uncertain and 0% are disagreed and 5% are strongly disagreed.



General Comments of Students about this course:

Strengths:

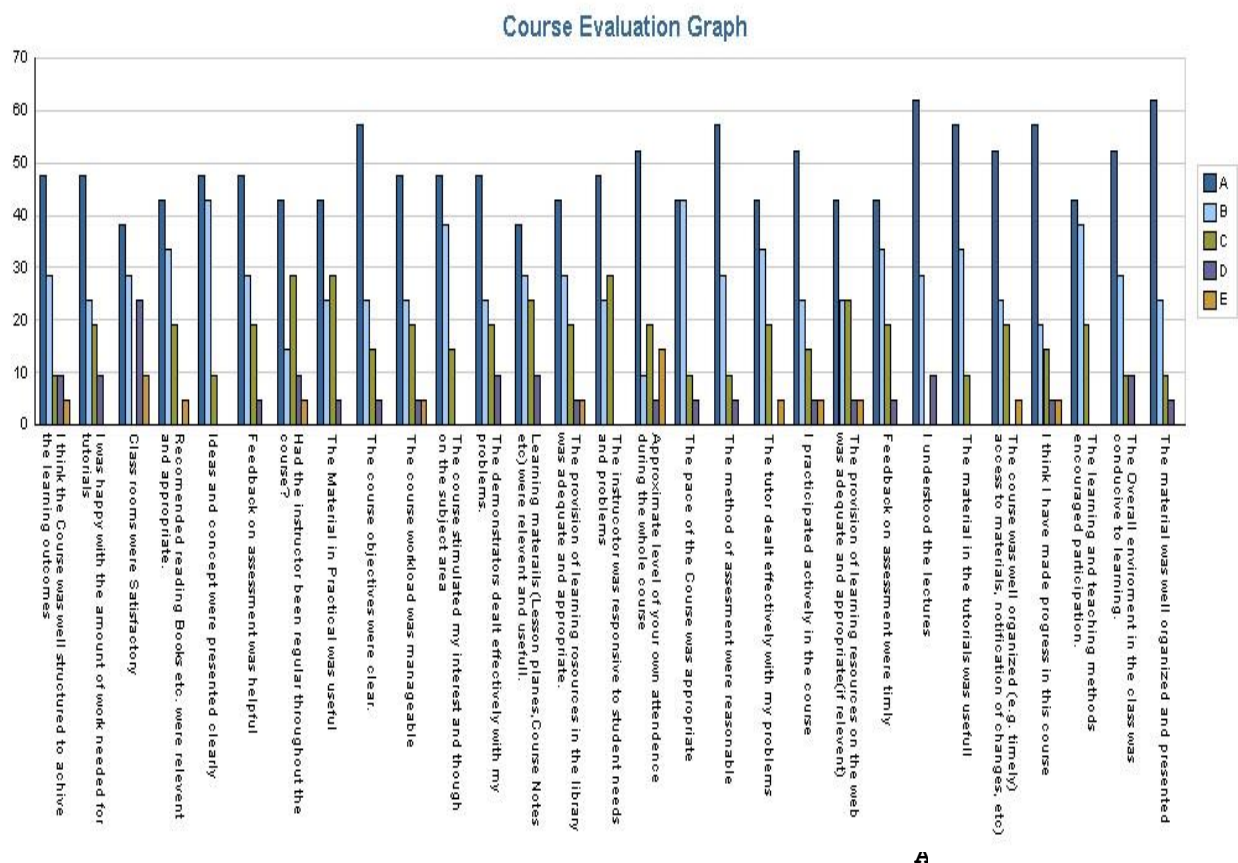
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Asif Nawaz (DATA STRUCTURE AND ALGORITHMS)

The graph for “Had the instructor been regular throughout the course” shows that 42% are strongly agreed, 15% are agreed, 28% are uncertain, 9% are disagreed and 6% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 48% are strongly agreed, 27% are agreed and 9% are uncertain 9% are disagreed and 7% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 44% are strongly agreed, 23% are agreed and 23% are uncertain 5% are disagreed and 5% are strongly disagreed. The graph for “The course objectives were clear” shows that 58% are strongly agreed, 25% are agreed, 12% are uncertain, 5% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 48% are strongly agreed, 23% are agreed, 19% are uncertain, 5% are disagreed and 5% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 48% are strongly agreed, 25% are agreed, 27% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

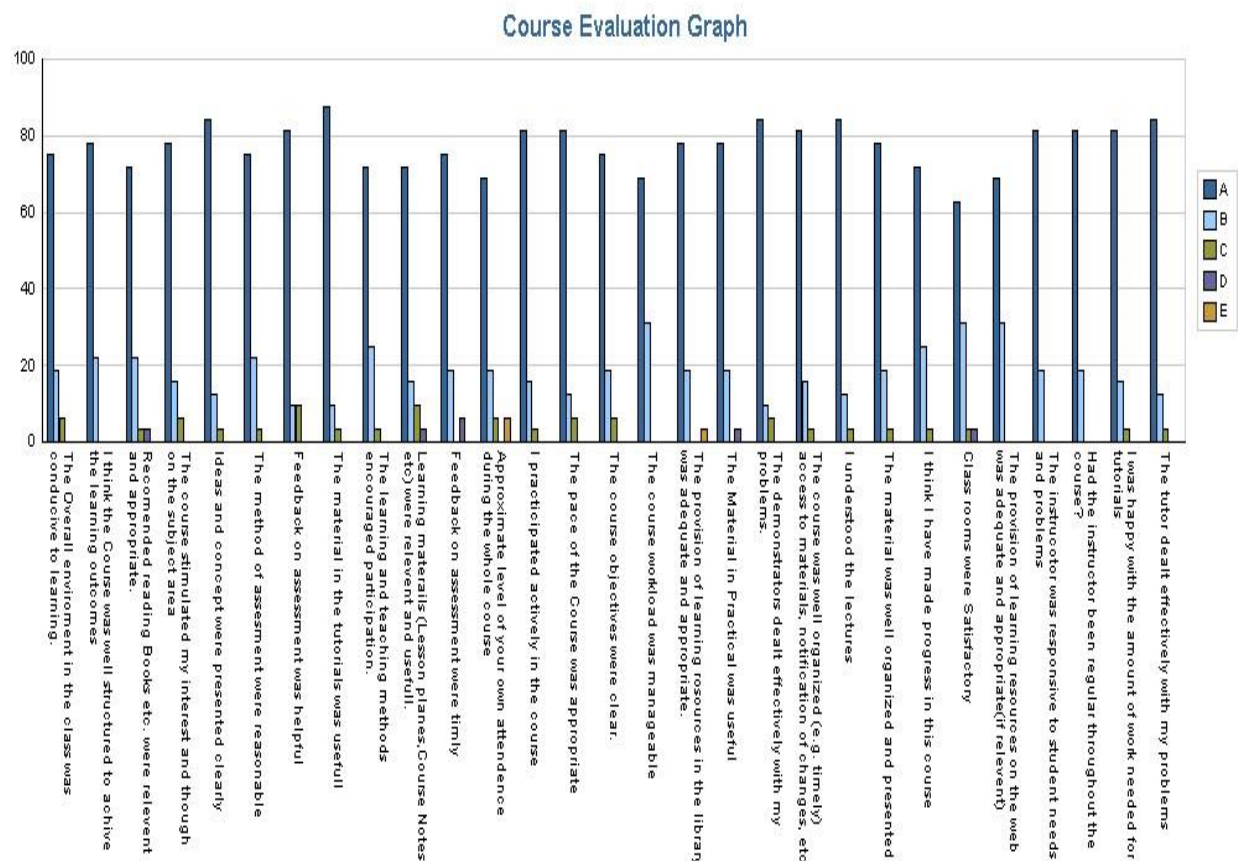
- Objectives well clear
- Reference material provided
- Well organized material

Weaknesses:

- The demonstration should be more effective

Saqib Majeed (DATA STRUCTURE AND ALGORITHMS)

The graph for “Had the instructor been regular throughout the course” shows that 81% are strongly agreed, 19% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 78% are strongly agreed, 22% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 75% are strongly agreed, 25% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 77% are strongly agreed, 19% are agreed, 4% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 75% are strongly agreed, 25% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 81% are strongly agreed, 19% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

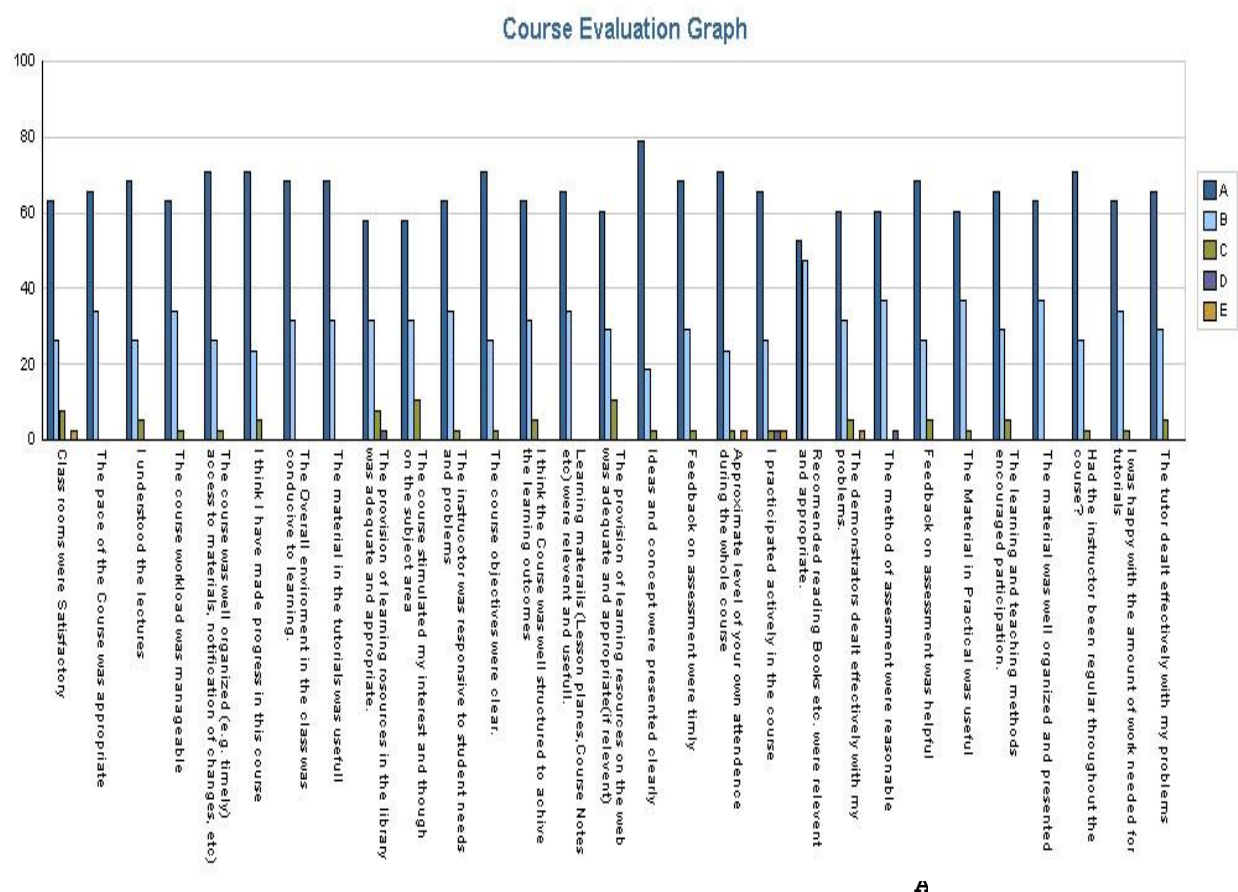
- Taught well
- Well organized material
- Effective teaching method

Weaknesses:

- More practical material needed
- More reference material needed

Saqib Majeed (PROGRAMMING FUNDAMENTALS)

The graph for “Had the instructor been regular throughout the course” shows that 70% are strongly agreed, 25% are agreed, 5% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 65% are strongly agreed, 30% are agreed and 5% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 60% are strongly agreed, 30% are agreed and 10% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 75% are strongly agreed, 23% are agreed, 2% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 65% are strongly agreed, 30% are agreed, 5% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 65% are strongly agreed, 30% are agreed, 5% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

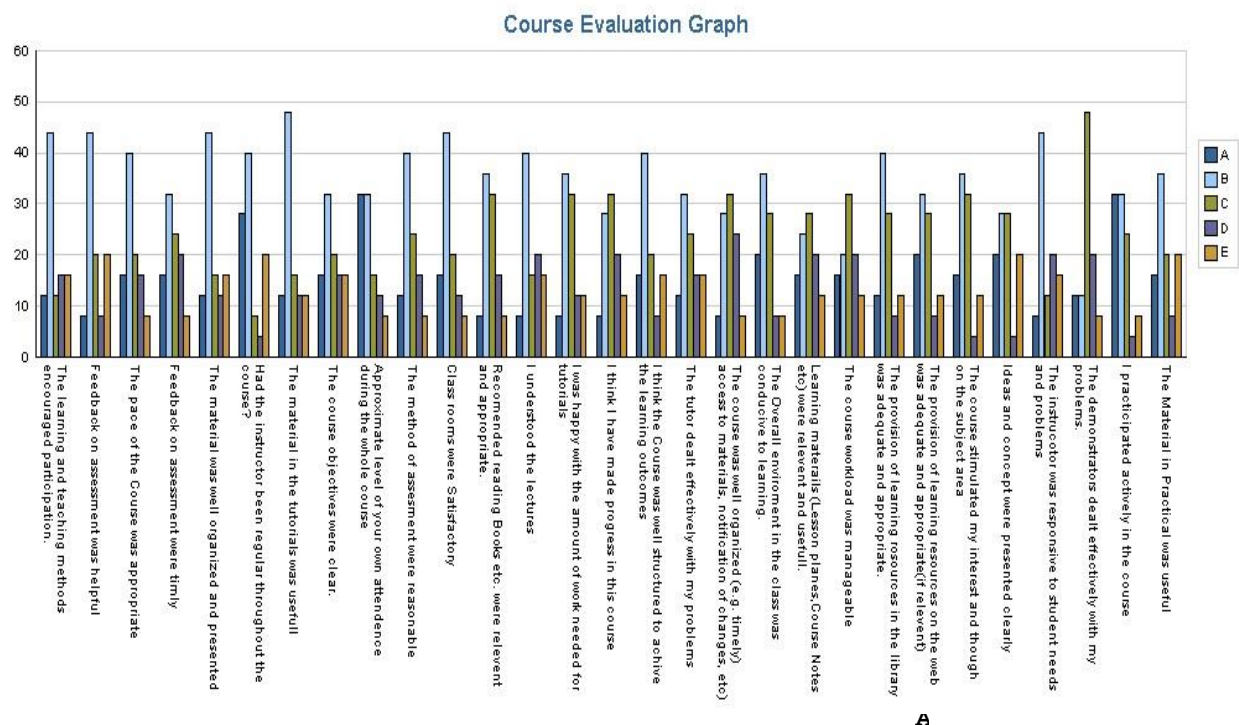
- Well organized course
- Reference material provided
- Teaching was effective

Weaknesses:

- More online resources should be provided

Shahid Hussain (Software Requirement Engineering)

The graph for “Had the instructor been regular throughout the course” shows that 28% are strongly agreed, 40% are agreed, 9% are uncertain, 3% are disagreed and 20% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 15% are strongly agreed, 40% are agreed and 20% are uncertain 9% are disagreed and 16% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 20% are strongly agreed, 31% are agreed and 28% are uncertain 9% are disagreed and 12% are strongly disagreed. The graph for “The course objectives were clear” shows that 15% are strongly agreed, 35% are agreed, 20% are uncertain, 15% are disagreed and 15% are strongly disagreed. The graph for “The Course workload was manageable” shows that 18% are strongly agreed, 20% are agreed, 30% are uncertain, 20% are disagreed and 11% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 17% are strongly agreed, 43% are agreed, 11% are uncertain and 20% are disagreed and 17% are strongly disagreed.



General Comments of Students about this course:

Strengths:

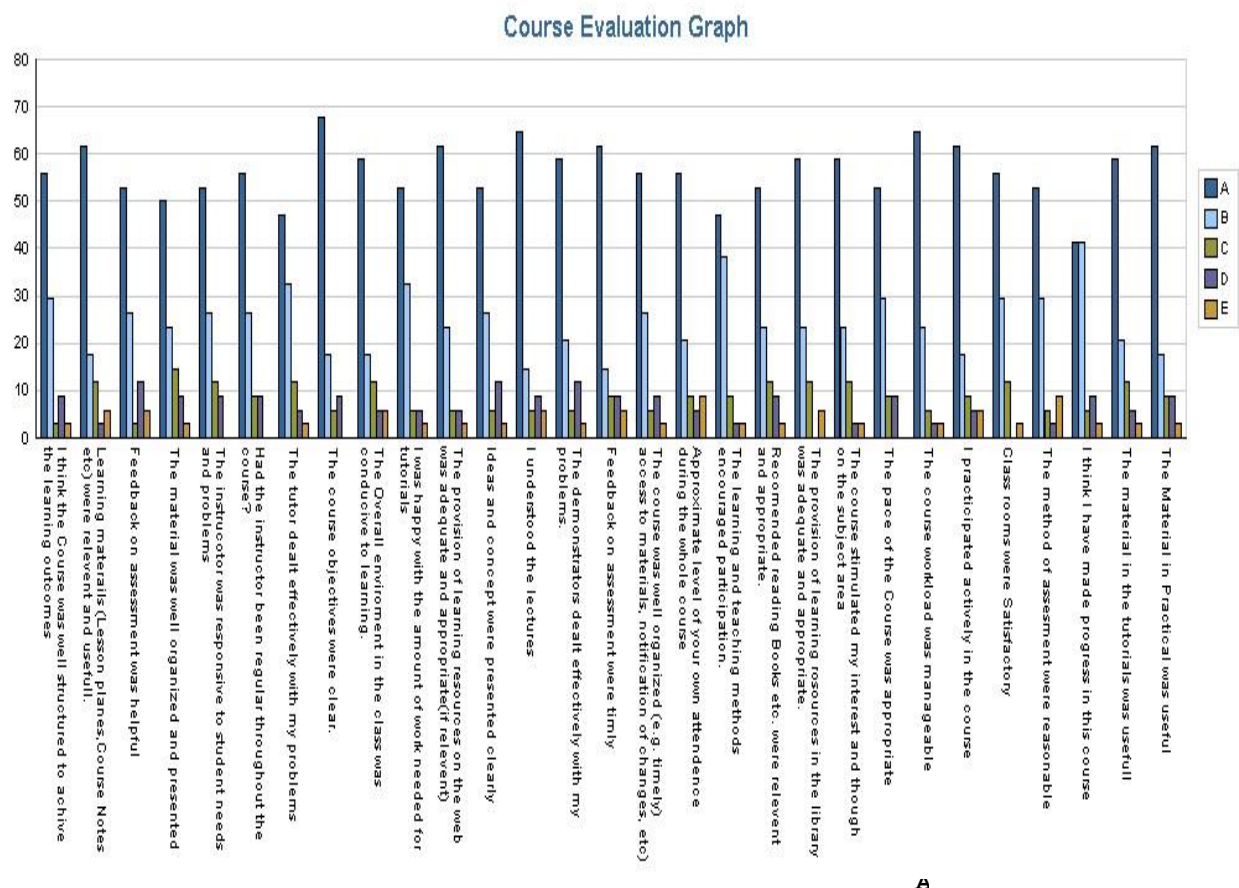
- Objectives well clear
- Listen student carefully

Weaknesses:

- Tutorials should be added
- More practical examples should be added

Sarfraz Bibi (Software Requirement Engineering)

The graph for “Had the instructor been regular throughout the course” shows that 55% are strongly agreed, 25% are agreed, 10% are uncertain, 10% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 55% are strongly agreed, 30% are agreed, 3% are uncertain, 3% are disagreed and % are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 60% are strongly agreed, 21% are agreed and 11% are uncertain 0% are disagreed and 8% are strongly disagreed. The graph for “The course objectives were clear” shows that 69% are strongly agreed, 18% are agreed, 5% are uncertain, 8% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 65% are strongly agreed, 21% are agreed, 6% are uncertain, 4% are disagreed and 4% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 59% are strongly agreed, 20% are agreed, 6% are uncertain and 11% are disagreed and 4% are strongly disagreed.



General Comments of the Students about this course:

Strengths:

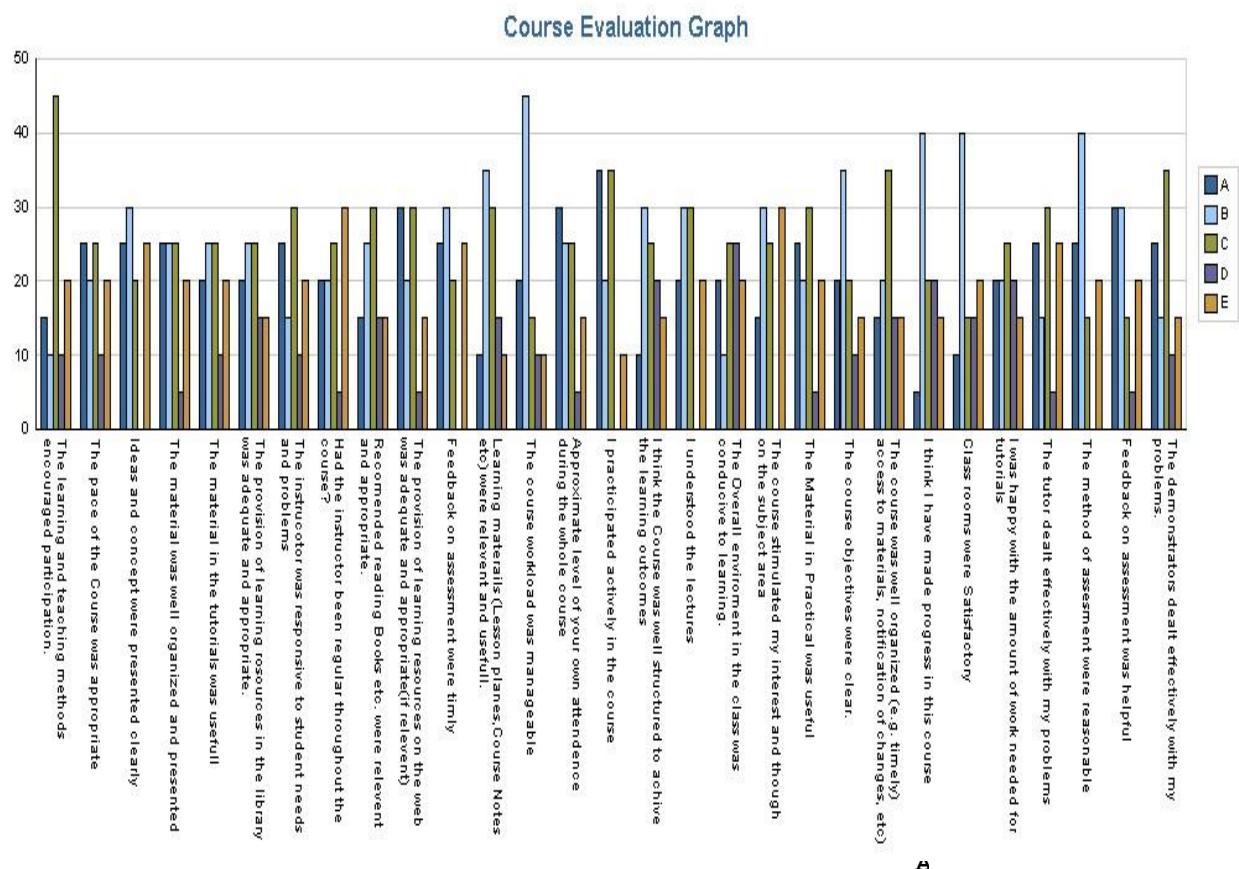
- Ideas and concepts provided
- Reference material provided
- Teaching was effective

Weaknesses:

- Learning environment and resources were not satisfactory.
- Course objectives must be clearly defined.
- The course should include modern knowledge and techniques.
- Learning and Teaching methods should be improved to encourage student participation

Rubina Ghazal (HUMAN COMPUTER INTERACTION)

The graph for “Had the instructor been regular throughout the course” shows that 20% are strongly agreed, 20% are agreed, 25% are uncertain, 5% are disagreed and 30% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 10% are strongly agreed, 30% are agreed and 25% are uncertain 20% are disagreed and 15% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 30% are strongly agreed, 20% are agreed and 30% are uncertain 5% are disagreed and 15% are strongly disagreed. The graph for “The course objectives were clear” shows that 20% are strongly agreed, 35% are agreed, 20% are uncertain, 10% are disagreed and 15% are strongly disagreed. The graph for “The Course workload was manageable” shows that 20% are strongly agreed, 45% are agreed, 15% are uncertain, 10% are disagreed and 10% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 25% are strongly agreed, 15% are agreed, 30% are uncertain and 10% are disagreed and 10% are strongly disagreed.



General Comments of the Students about this Course:

Strengths:

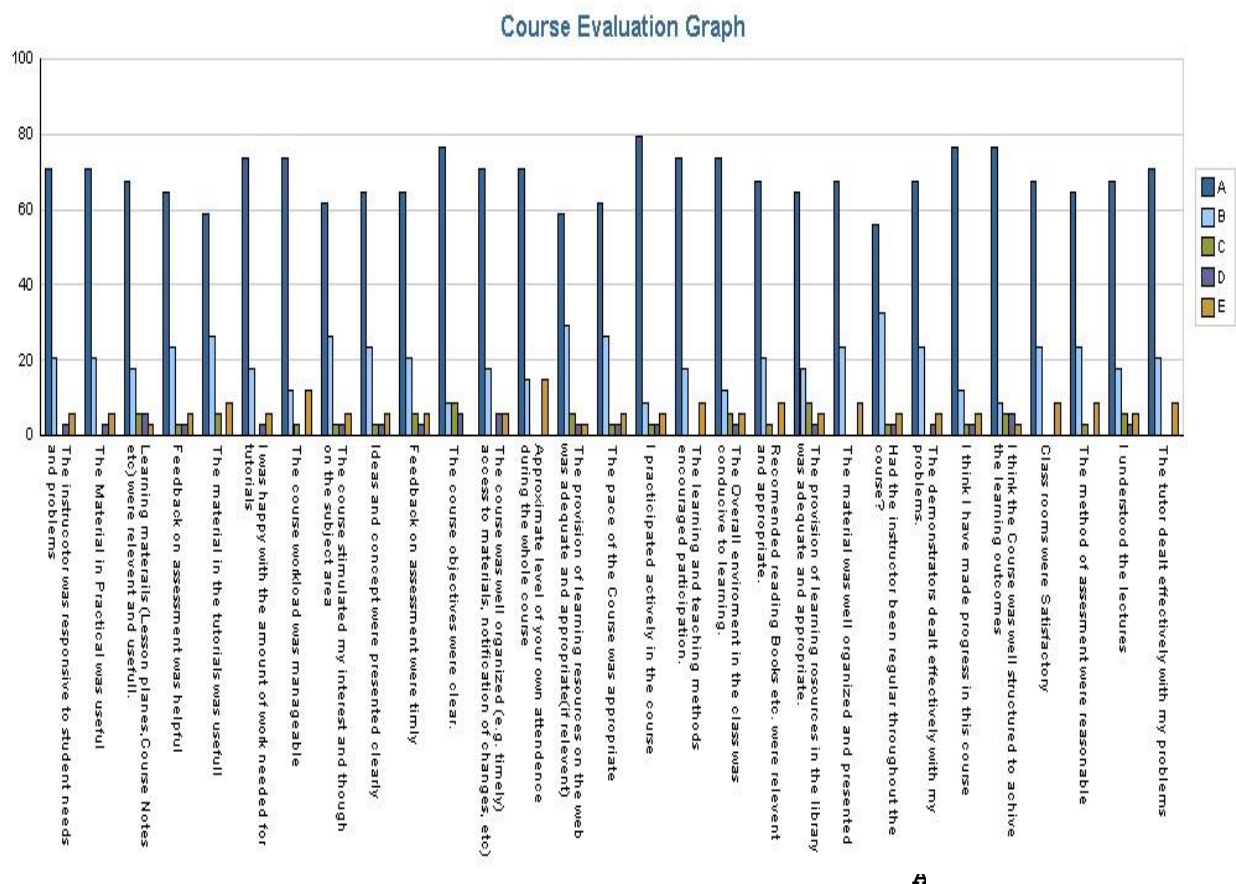
- Material was useful

Weaknesses:

- Proper materials were not available for practical demonstrations.
- Learning environment and resources were not satisfactory.
- The course should include modern knowledge and techniques.
- The course should be stimulated by interest and thought on subject area.

Muhammad Usman Karim (HUMAN COMPUTER INTERACTION)

The graph for “Had the instructor been regular throughout the course” shows that 58% are strongly agreed, 31% are agreed, 3% are uncertain, 3% are disagreed and 5% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 75% are strongly agreed, 18% are agreed and 0% are uncertain 4% are disagreed and 3% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 62% are strongly agreed, 18% are agreed and 9% are uncertain 5% are disagreed and 6% are strongly disagreed. The graph for “The course objectives were clear” shows that 77% are strongly agreed, 8% are agreed, 8% are uncertain, 7% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 75% are strongly agreed, 10% are agreed, 5% are uncertain, 10% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 70% are strongly agreed, 20% are agreed, 0% are uncertain and 3% are disagreed and 7% are strongly disagreed.



General Comments of Students about this course:

Strengths:

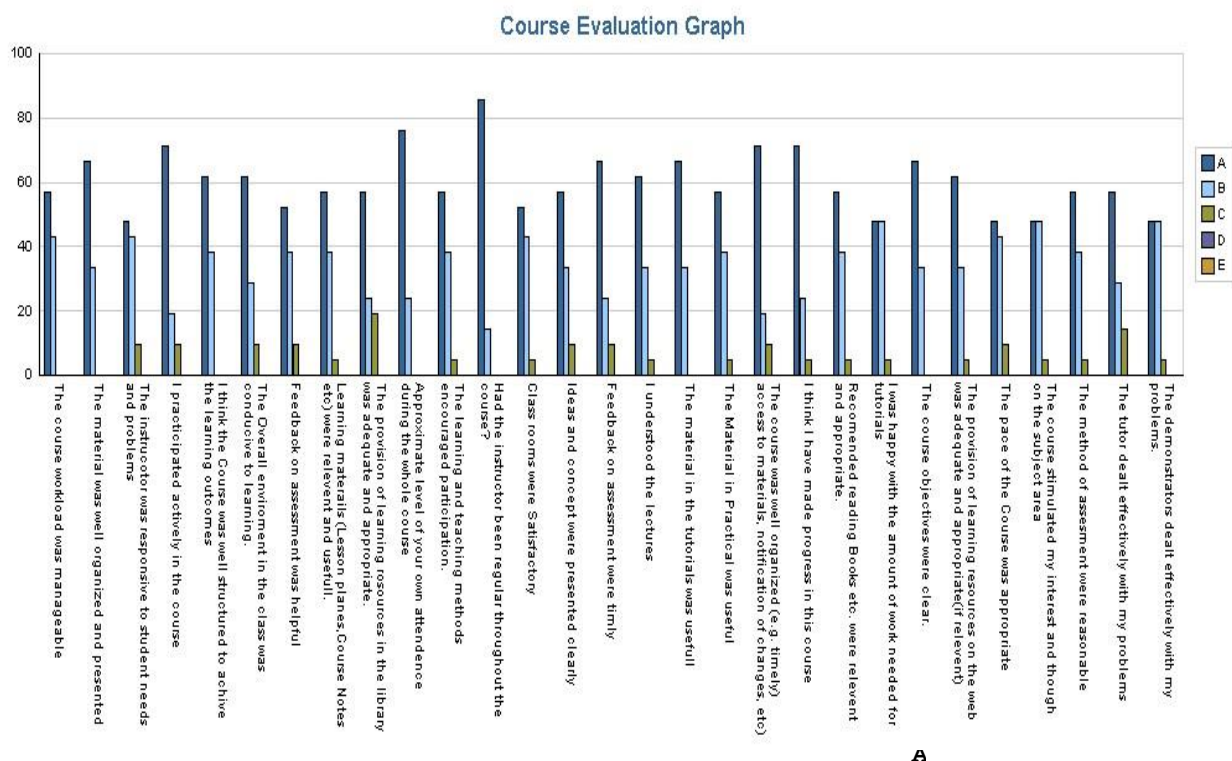
- Objectives well clear
- Good teaching method
- Listen student carefully

Weaknesses:

- More practical examples should be added for student interest

Shehla Munir (LINEAR ALGEBRA)

The graph for “Had the instructor been regular throughout the course” shows that 85% are strongly agreed, 15% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 61% are strongly agreed, 39% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 61% are strongly agreed, 35% are agreed and 4% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 63% are strongly agreed, 37% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 58% are strongly agreed, 42% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 46% are strongly agreed, 44% are agreed, 10% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

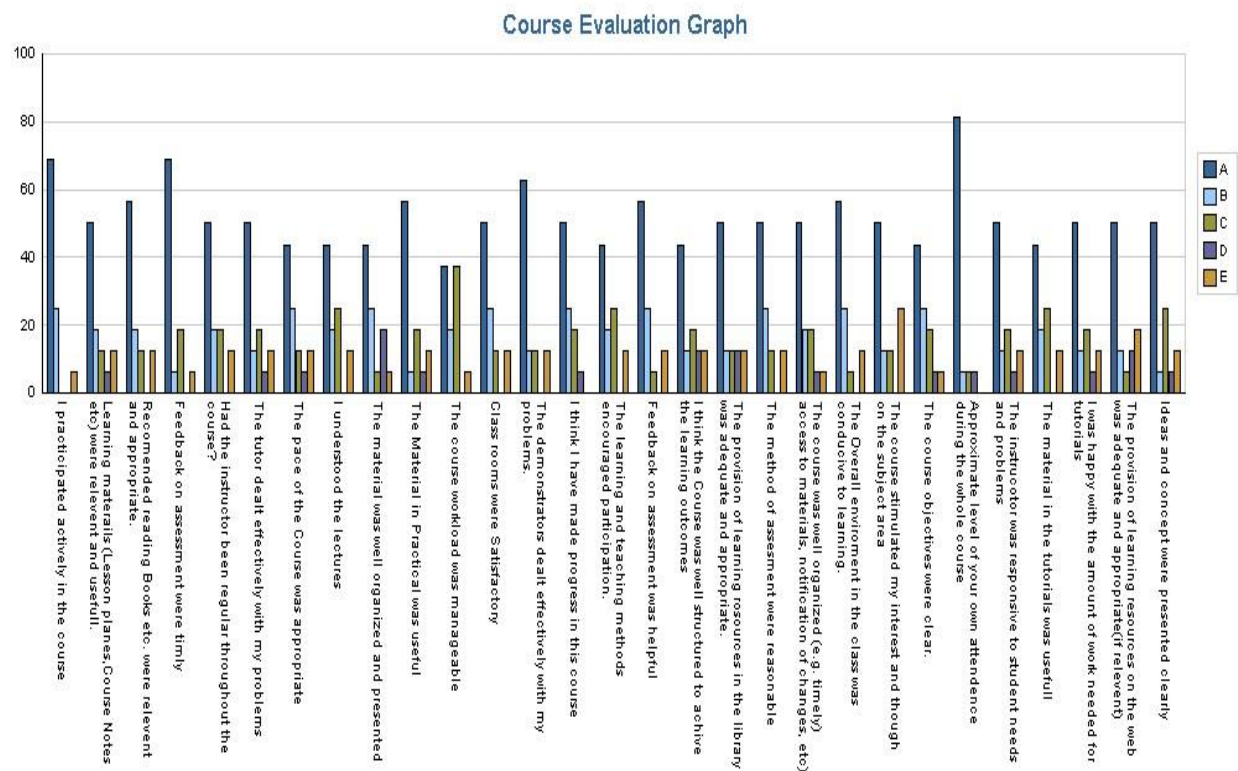
- Taught well
- Well organized material
- Effective teaching method

Weaknesses:

- More practical material needed
- More reference material needed

Iram Rubab (Software Construction & Development)

The graph for “Had the instructor been regular throughout the course” shows that 50% are strongly agreed, 20% are agreed, 20% are uncertain, 0% are disagreed and 10% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 44% are strongly agreed, 12% are agreed and 20% are uncertain 12% are disagreed and 12% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 50% are strongly agreed, 12% are agreed and 7% are uncertain 12% are disagreed and 19% are strongly disagreed. The graph for “The course objectives were clear” shows that 42% are strongly agreed, 25% are agreed, 19% are uncertain, 7% are disagreed and 7% are strongly disagreed. The graph for “The Course workload was manageable” shows that 39% are strongly agreed, 19% are agreed, 39% are uncertain, 0% are disagreed and 3% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 50% are strongly agreed, 15% are agreed, 19% are uncertain and 5% are disagreed and 11% are strongly disagreed.



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General Comments of Students about this course:

Strengths:

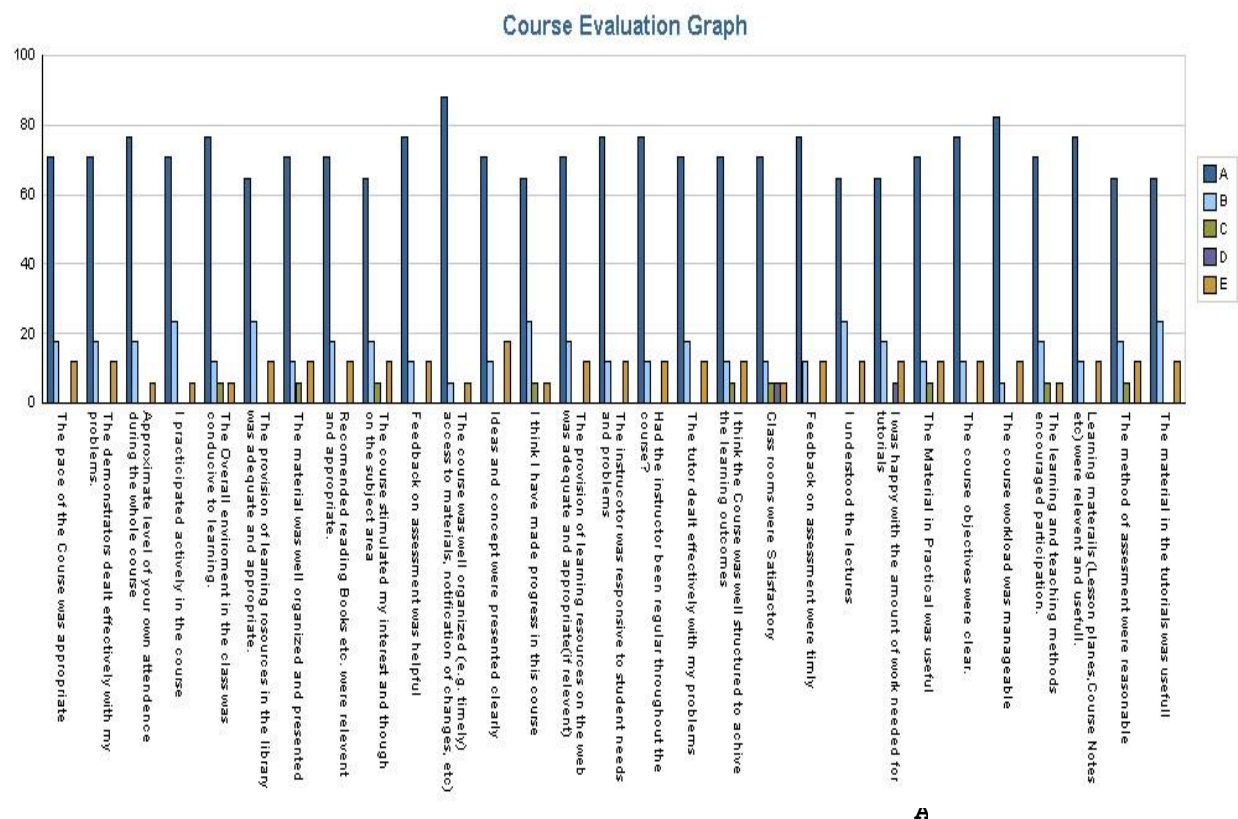
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Dr. Kashif Sattar (Computer Networks)

The graph for “Had the instructor been regular throughout the course” shows that 70% are strongly agreed, 15% are agreed, 0% are uncertain, 0% are disagreed and 15% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 73% are strongly agreed, 12% are agreed and 12% are uncertain 0% are disagreed and 3% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 70% are strongly agreed, 19% are agreed and 0% are uncertain 0% are disagreed and 11% are strongly disagreed. The graph for “The course objectives were clear” shows that 76% are strongly agreed, 12% are agreed, 0% are uncertain, 0% are disagreed and 12% are strongly disagreed. The graph for “The Course workload was manageable” shows that 81% are strongly agreed, 5% are agreed, 0% are uncertain, 0% are disagreed and 14% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 76% are strongly agreed, 12% are agreed, 0% are uncertain and 0% are disagreed and 12% are strongly disagreed.



General Comments of Students about this course:

Strengths:

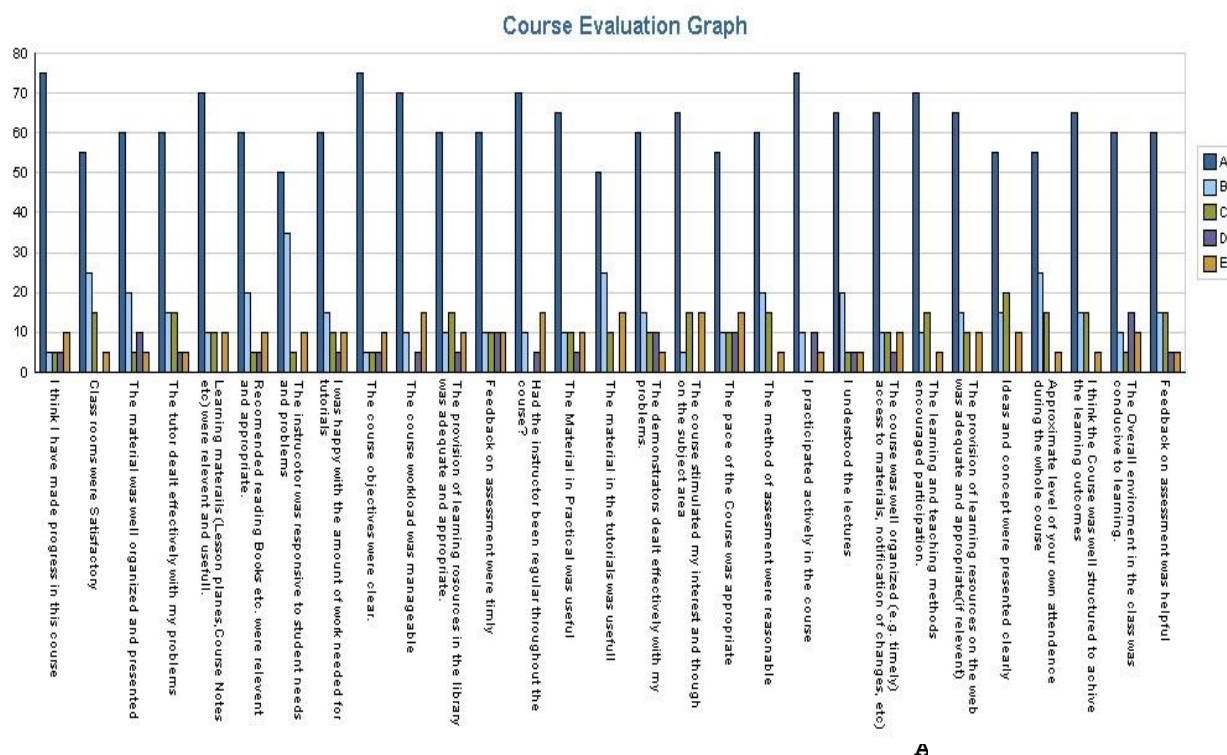
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Qasim Usmani (TECHNICAL AND BUSINESS WRITING)

The graph for “Had the instructor been regular throughout the course” shows that 70% are strongly agreed, 10% are agreed, 0% are uncertain, 5% are disagreed and 15% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 65% are strongly agreed, 15% are agreed and 15% are uncertain 0% are disagreed and 5% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 65% are strongly agreed, 15% are agreed and 10% are uncertain 0% are disagreed and 10% are strongly disagreed. The graph for “The course objectives were clear” shows that 75% are strongly agreed, 5% are agreed, 5% are uncertain, 5% are disagreed and 10% are strongly disagreed. The graph for “The Course workload was manageable” shows that 70% are strongly agreed, 10% are agreed, 0% are uncertain, 5% are disagreed and 15% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 50% are strongly agreed, 35% are agreed, 5% are uncertain and 0% are disagreed and 10% are strongly disagreed.



General Comments of Students about this course:

Strengths:

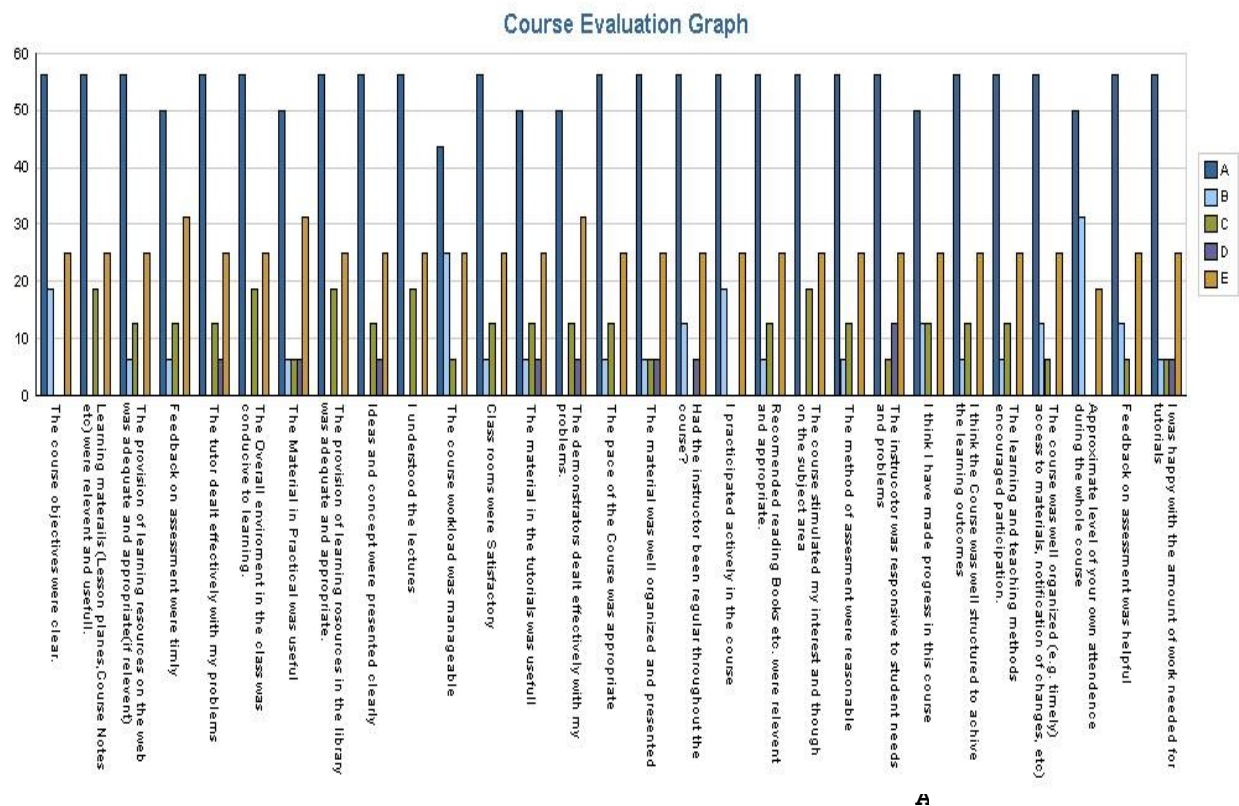
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Shakeel Ahmad (Formal Methods in Software Engineering)

The graph for “Had the instructor been regular throughout the course” shows that 55% are strongly agreed, 13% are agreed, 0% are uncertain, 7% are disagreed and 25% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 55% are strongly agreed, 7% are agreed and 11% are uncertain 0% are disagreed and 27% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 55% are strongly agreed, 0% are agreed and 19% are uncertain 0% are disagreed and 26% are strongly disagreed. The graph for “The course objectives were clear” shows that 55% are strongly agreed, 19% are agreed, 0% are uncertain, 0% are disagreed and 26% are strongly disagreed. The graph for “The Course workload was manageable” shows that 43% are strongly agreed, 25% are agreed, 7% are uncertain, 0% are disagreed and 25% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 55% are strongly agreed, 0% are agreed, 7% are uncertain and 11% are disagreed and 27% are strongly disagreed.



General Comments of Students about this course:

Strengths:

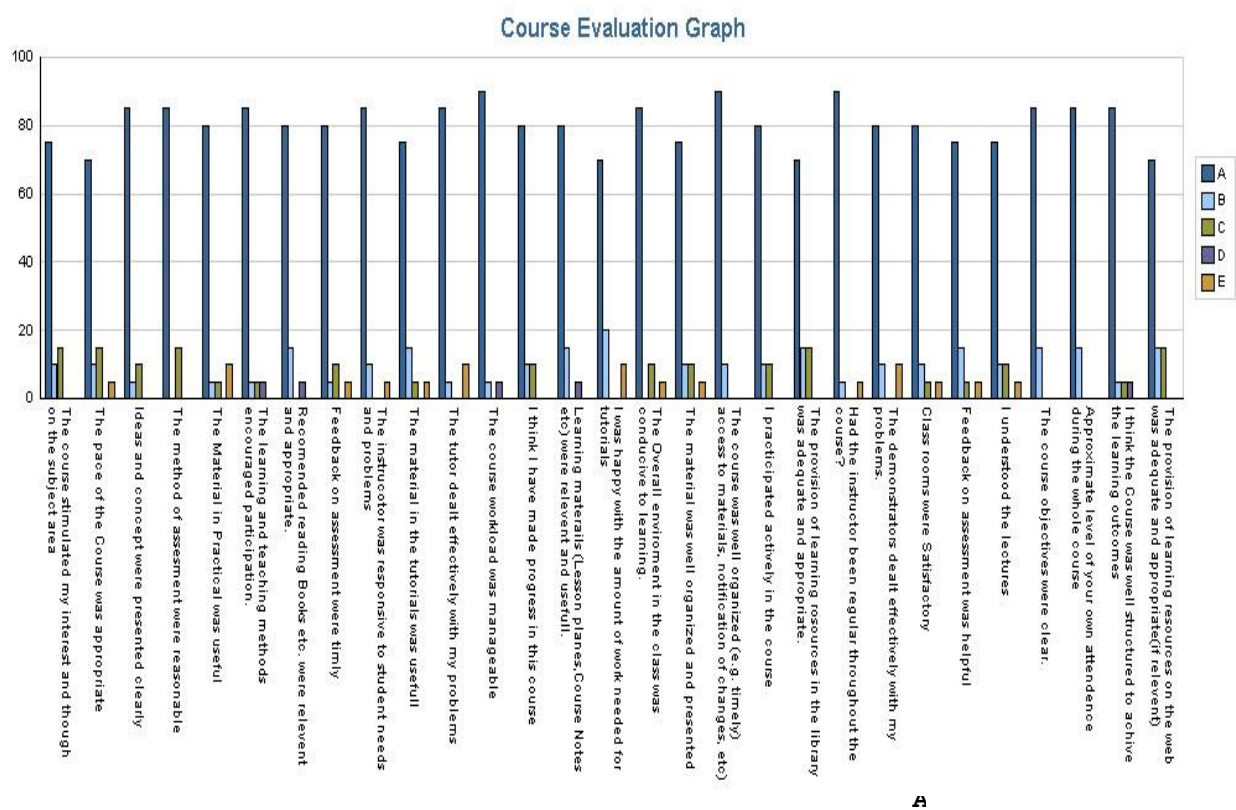
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

SAIF UR REHMAN (MODERN PROGRAMING LANGUAGE)

The graph for “Had the instructor been regular throughout the course” shows that 90% are strongly agreed, 5% are agreed, 0% are uncertain, 0% are disagreed and 5% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 85% are strongly agreed, 5% are agreed and 5% are uncertain 5% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 70% are strongly agreed, 15% are agreed and 15% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 83% are strongly agreed, 17% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 90% are strongly agreed, 5% are agreed, 0% are uncertain, 5% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 83% are strongly agreed, 10% are agreed, 0% are uncertain and 0% are disagreed and 7% are strongly disagreed.



General Comments of Students about this course:

Strengths:

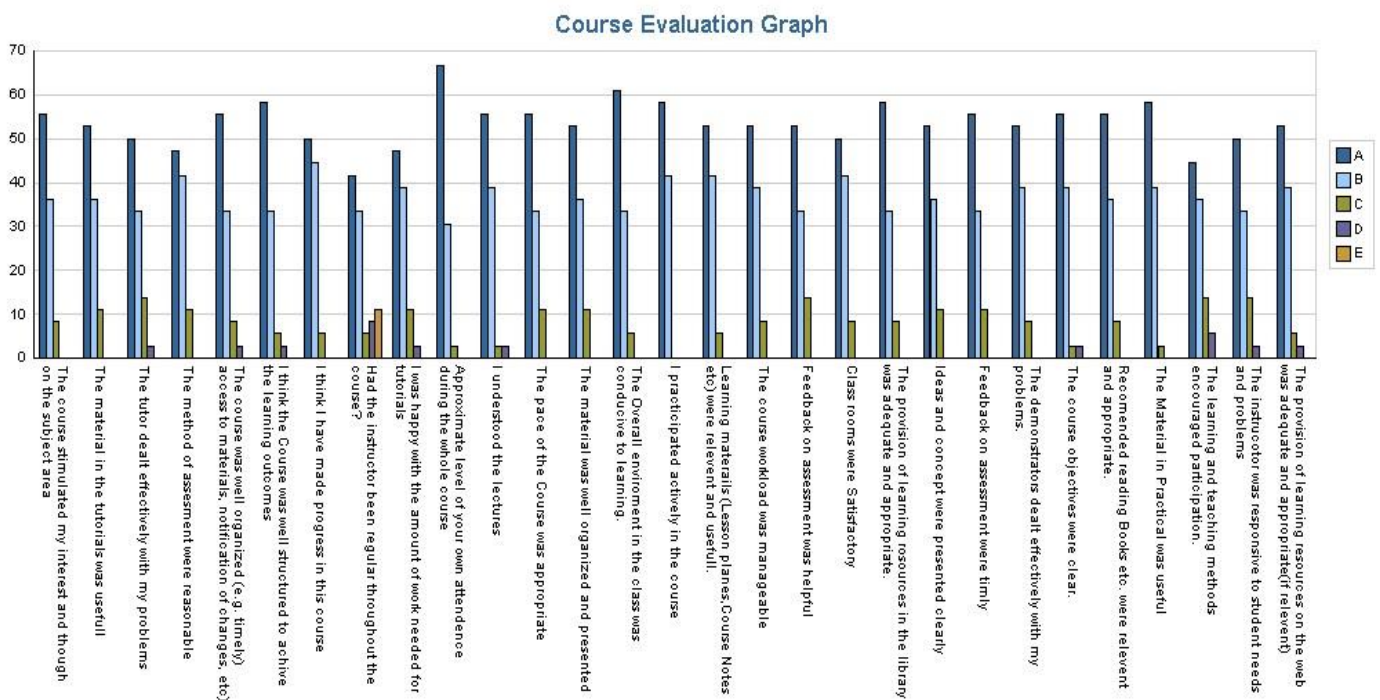
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Marya Iqbal (Introduction To Information & Communication Technologies)

The graph for “Had the instructor been regular throughout the course” shows that 41% are strongly agreed, 32% are agreed, 7% are uncertain, 9% are disagreed and 11% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 57% are strongly agreed, 31% are agreed and 7% are uncertain 5% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 52% are strongly agreed, 39% are agreed and 6% are uncertain 3% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 55% are strongly agreed, 39% are agreed, 3% are uncertain, 3% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 52% are strongly agreed, 39% are agreed, 9% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 50% are strongly agreed, 33% are agreed, 13% are uncertain and 4% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

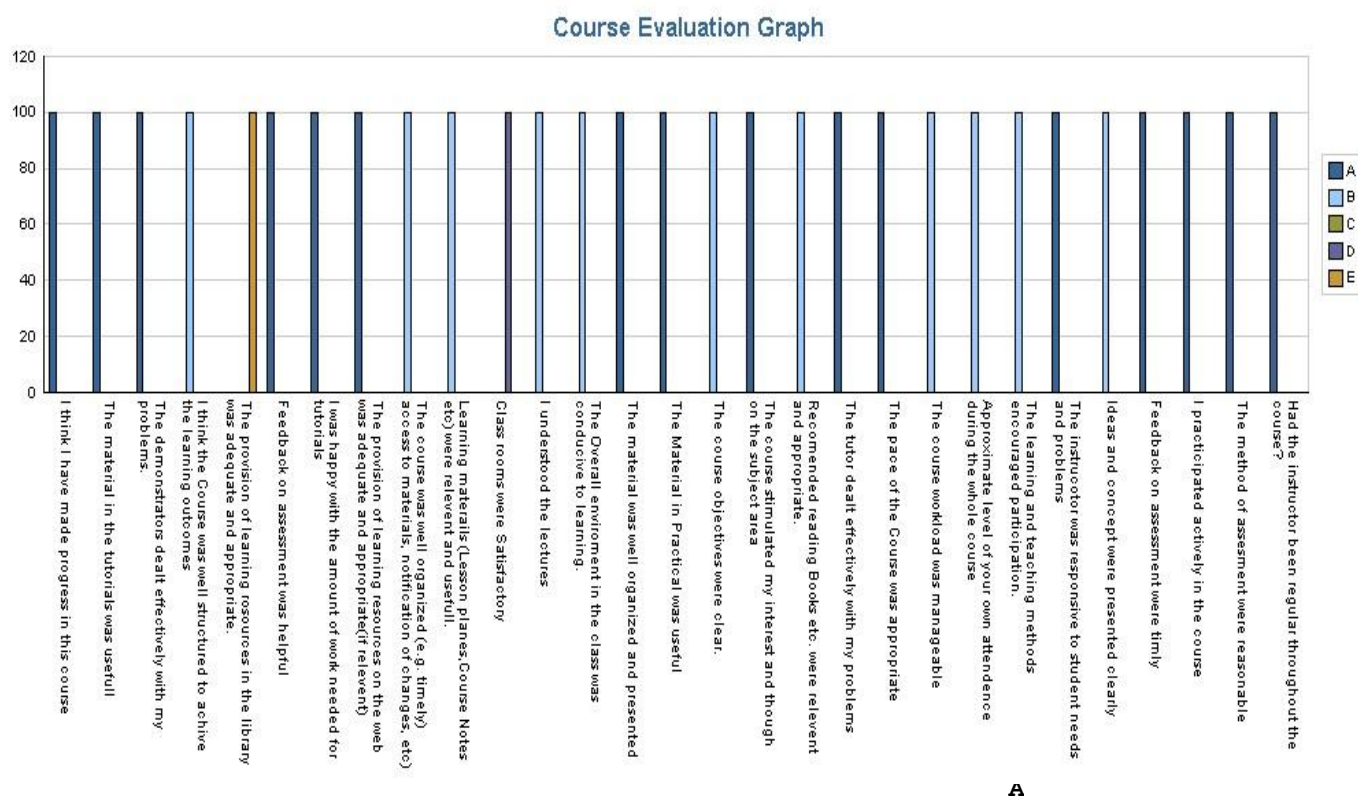
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Marya Iqbal (Introduction To Information & Communication Technologies)

The graph for “Had the instructor been regular throughout the course” shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 0% are strongly agreed, 100% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 0% are strongly agreed, 0% are agreed and 0% are uncertain 0% are disagreed and 100% are strongly disagreed. The graph for “The course objectives were clear” shows that 0% are strongly agreed, 100% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 0% are strongly agreed, 100% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

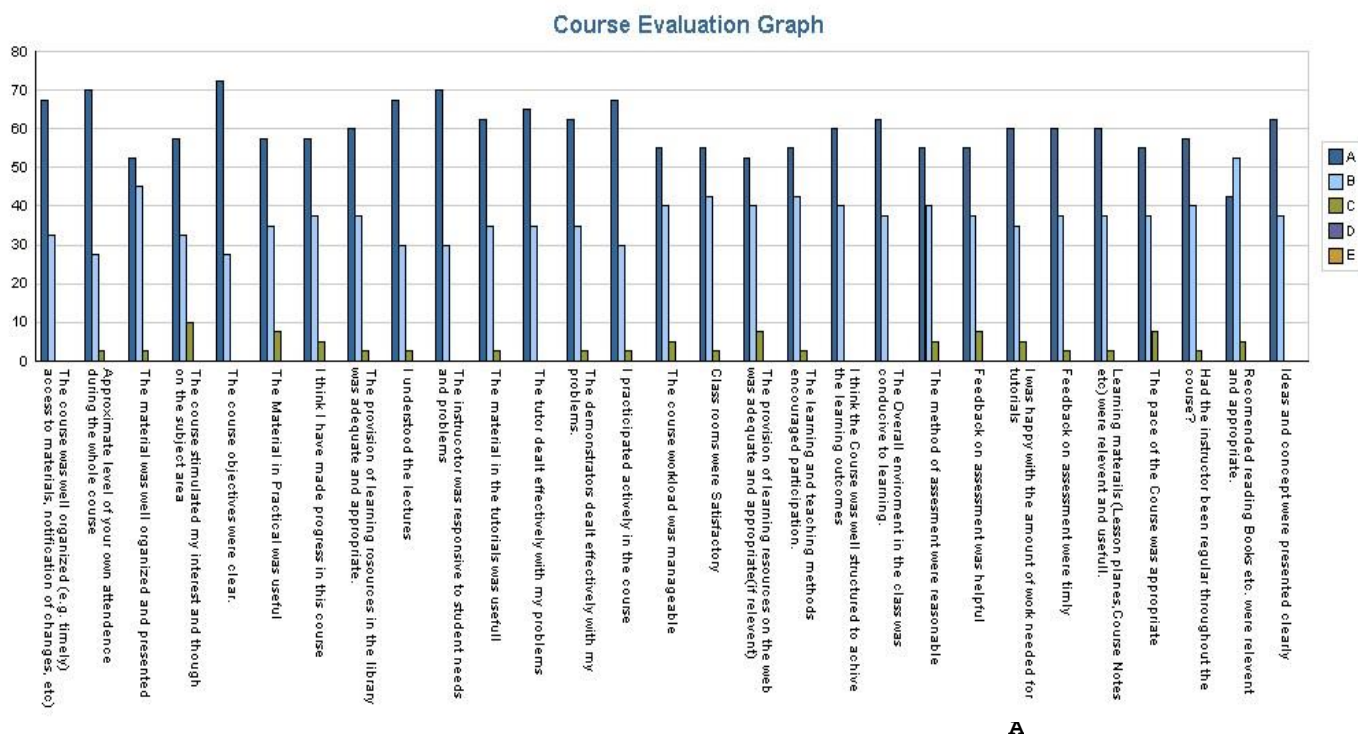
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Dania Saleem Malik (CALCULUS AND ANALYTICAL GEOMETRY)

The graph for “Had the instructor been regular throughout the course” shows that 57% are strongly agreed, 40% are agreed, 3% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 67% are strongly agreed, 33% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 52% are strongly agreed, 40% are agreed and 8% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 73% are strongly agreed, 27% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 55% are strongly agreed, 40% are agreed, 5% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 70% are strongly agreed, 27% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

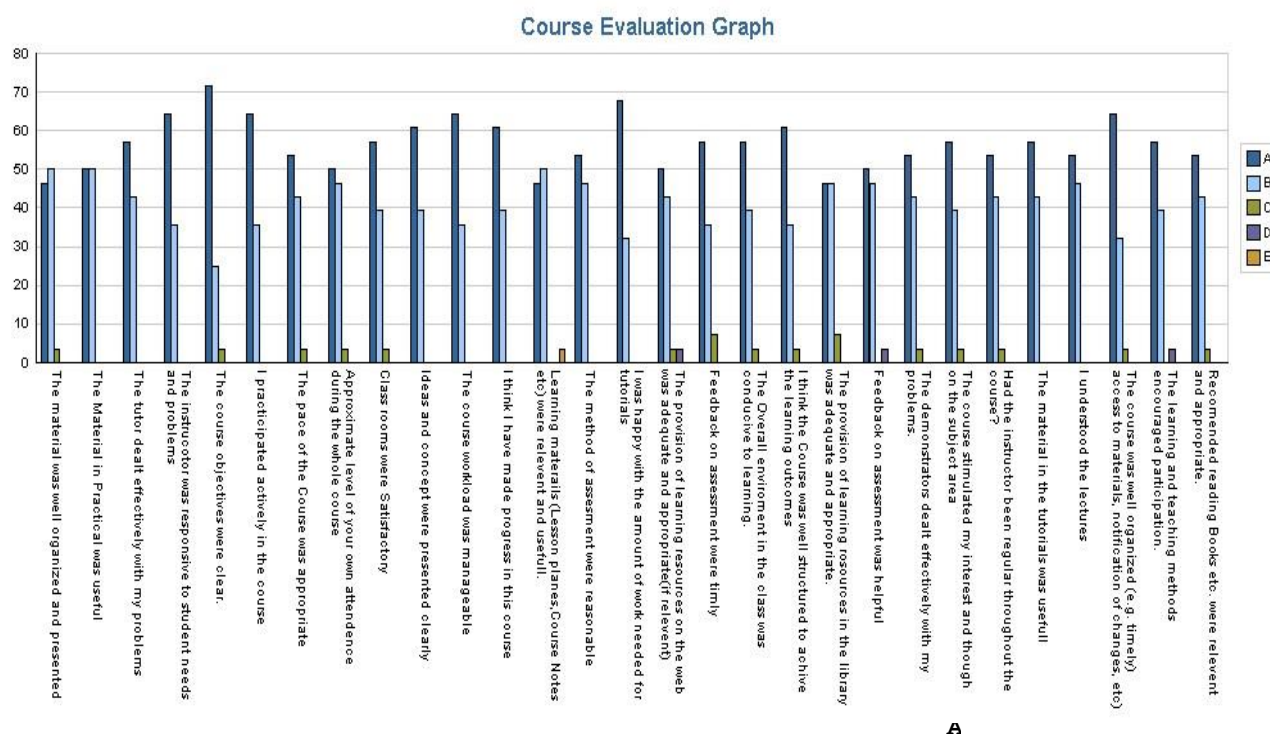
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Mirza Aakif Baig (LINEAR ALGEBRA)

The graph for “Had the instructor been regular throughout the course” shows that 55% are strongly agreed, 42% are agreed, 3% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 60% are strongly agreed, 35% are agreed and 5% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 50% are strongly agreed, 42% are agreed and 4% are uncertain 4% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 71% are strongly agreed, 25% are agreed, 4% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 65% are strongly agreed, 35% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 65% are strongly agreed, 35% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



A

General Comments of Students about this course:

Strengths:

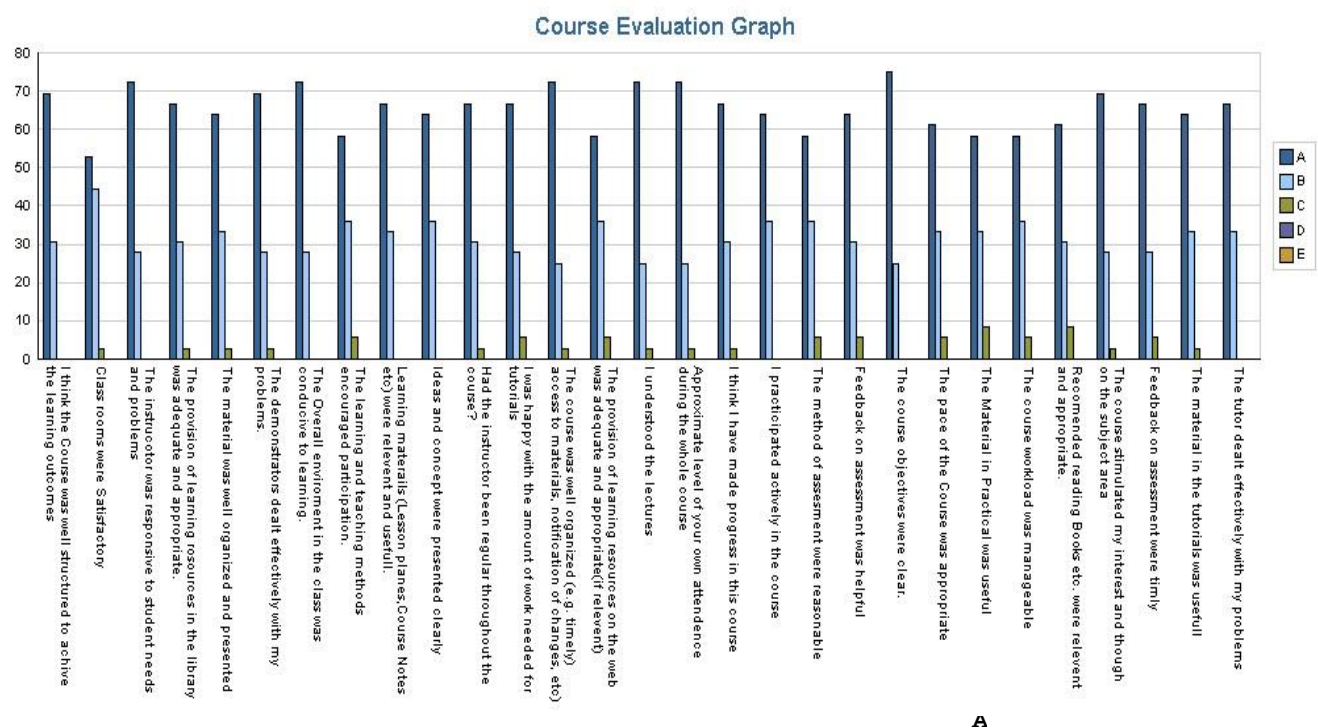
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Muhammad Imran (ISLAMIC STUDIES)

The graph for “Had the instructor been regular throughout the course” shows that 65% are strongly agreed, 30% are agreed, 5% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 70% are strongly agreed, 30% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 59% are strongly agreed, 35% are agreed and 6% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 75% are strongly agreed, 25% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 58% are strongly agreed, 36% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 73% are strongly agreed, 27% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

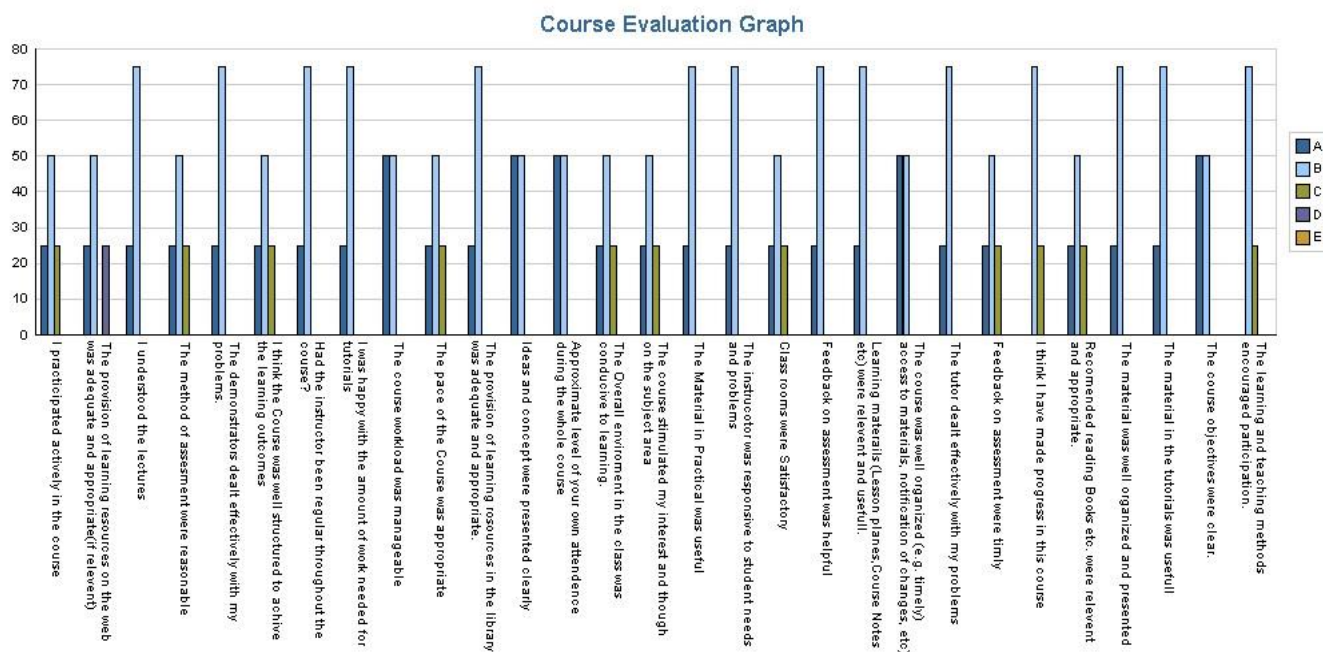
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Anwar Ghani (DATA STRUCTURE AND ALGORITHMS)

The graph for “Had the instructor been regular throughout the course” shows that 25% are strongly agreed, 75% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 25% are strongly agreed, 50% are agreed and 25% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 25% are strongly agreed, 75% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 25% are strongly agreed, 75% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



A

General Comments of Students about this course:

Strengths:

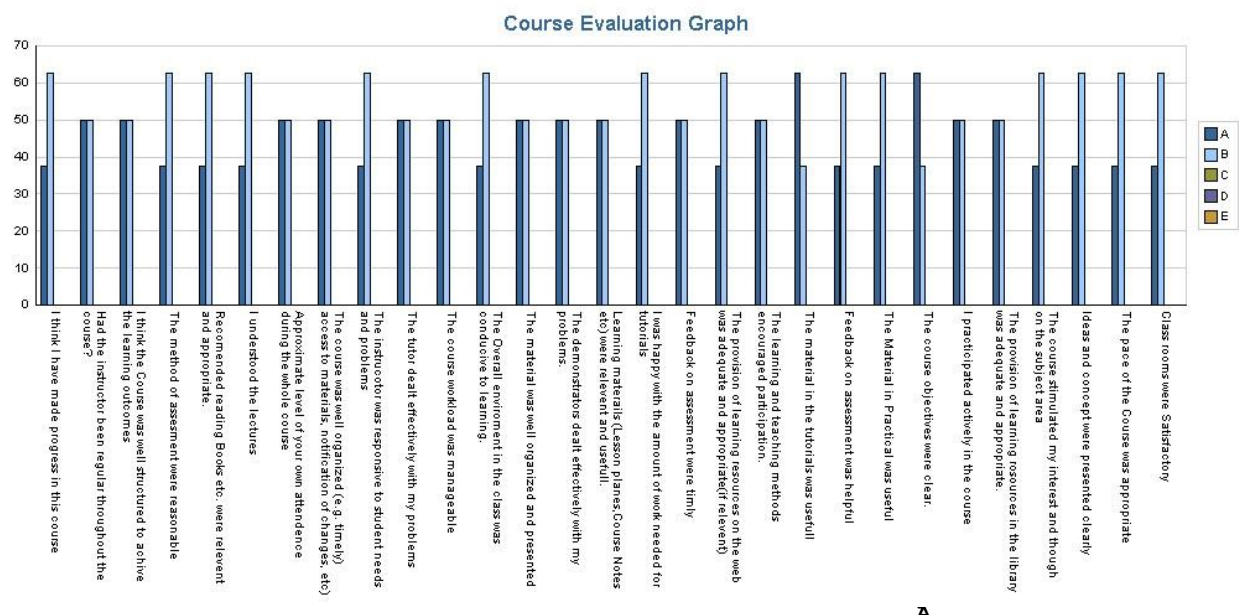
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Sarfraz Bibi (Software Requirement Engineering)

The graph for “Had the instructor been regular throughout the course” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 50% are strongly agreed, 50% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 38% are strongly agreed, 60% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 62% are strongly agreed, 38% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 38% are strongly agreed, 62% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

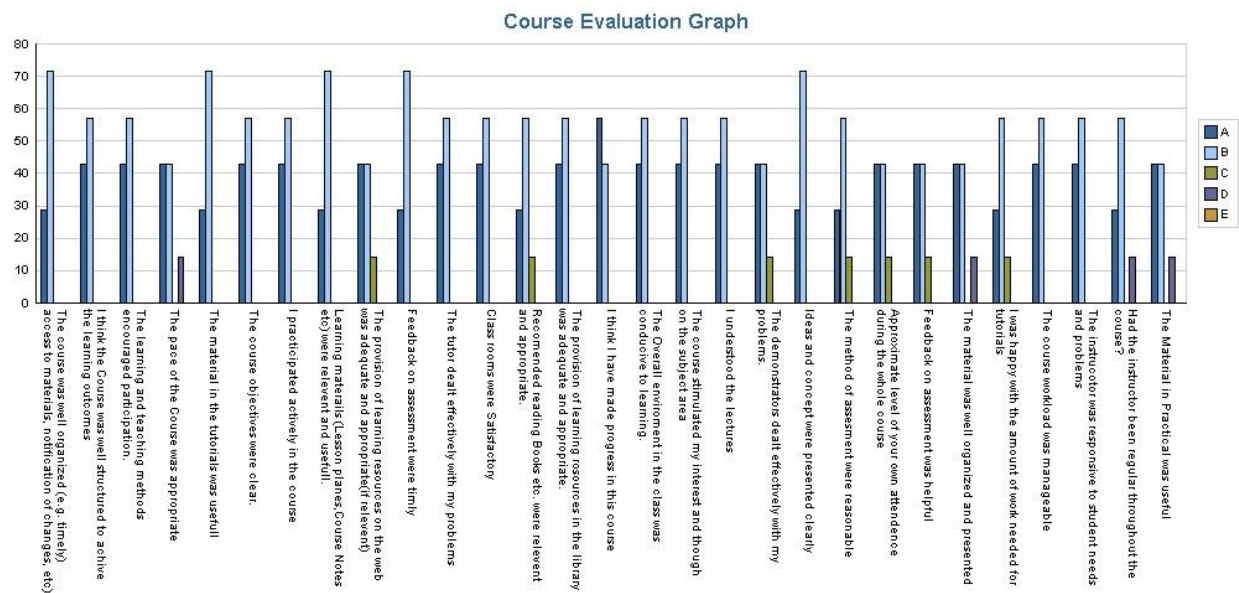
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Rubina Ghazal (HUMAN COMPUTER INTERACTION)

The graph for “Had the instructor been regular throughout the course” shows that 29% are strongly agreed, 58% are agreed, 0% are uncertain, 13% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 29% are strongly agreed, 71% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 41% are strongly agreed, 41% are agreed and 12% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 42% are strongly agreed, 58% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 41% are strongly agreed, 59% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 42% are strongly agreed, 58% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

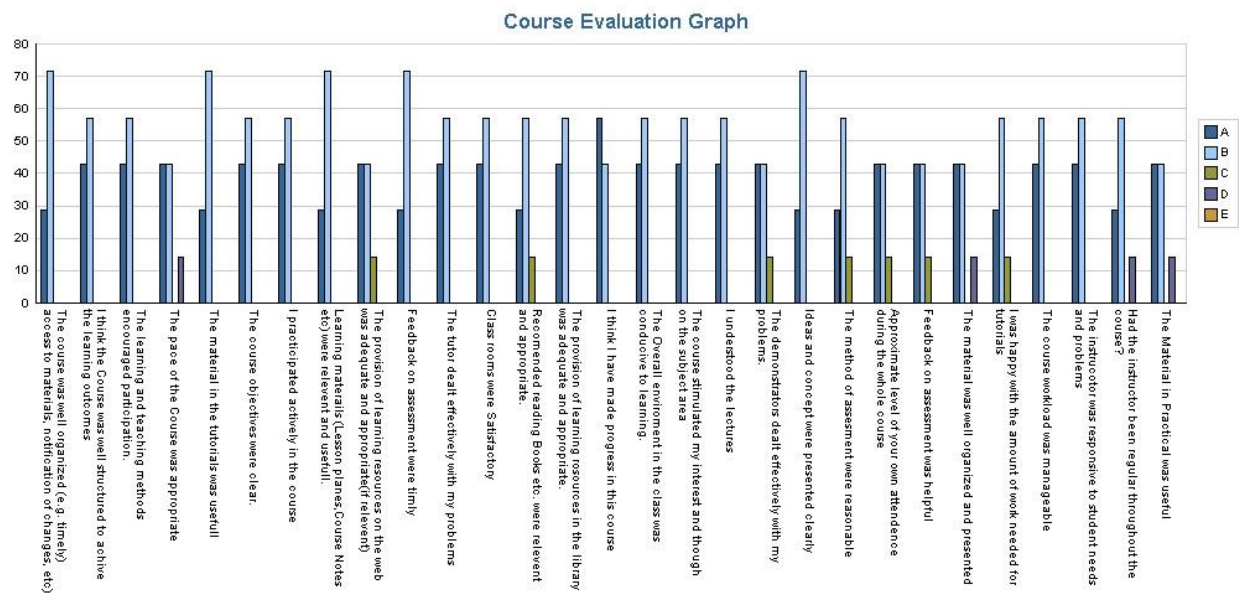
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Rubina Ghazal (HUMAN COMPUTER INTERACTION)

The graph for “Had the instructor been regular throughout the course” shows that 29% are strongly agreed, 58% are agreed, 0% are uncertain, 13% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 29% are strongly agreed, 71% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 41% are strongly agreed, 41% are agreed and 12% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 42% are strongly agreed, 58% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 41% are strongly agreed, 59% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 42% are strongly agreed, 58% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

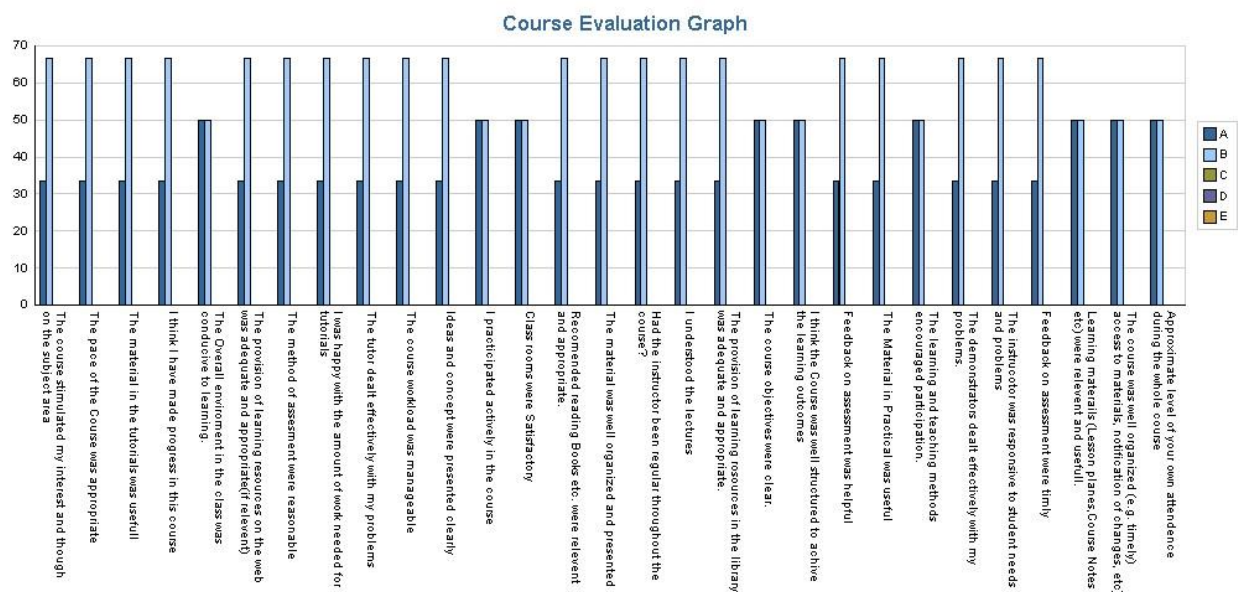
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Dania Saleem Malik (LINEAR ALGEBRA)

The graph for “Had the instructor been regular throughout the course” shows that 32% are strongly agreed, 66% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 50% are strongly agreed, 50% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 32% are strongly agreed, 66% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 32% are strongly agreed, 66% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 32% are strongly agreed, 66% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

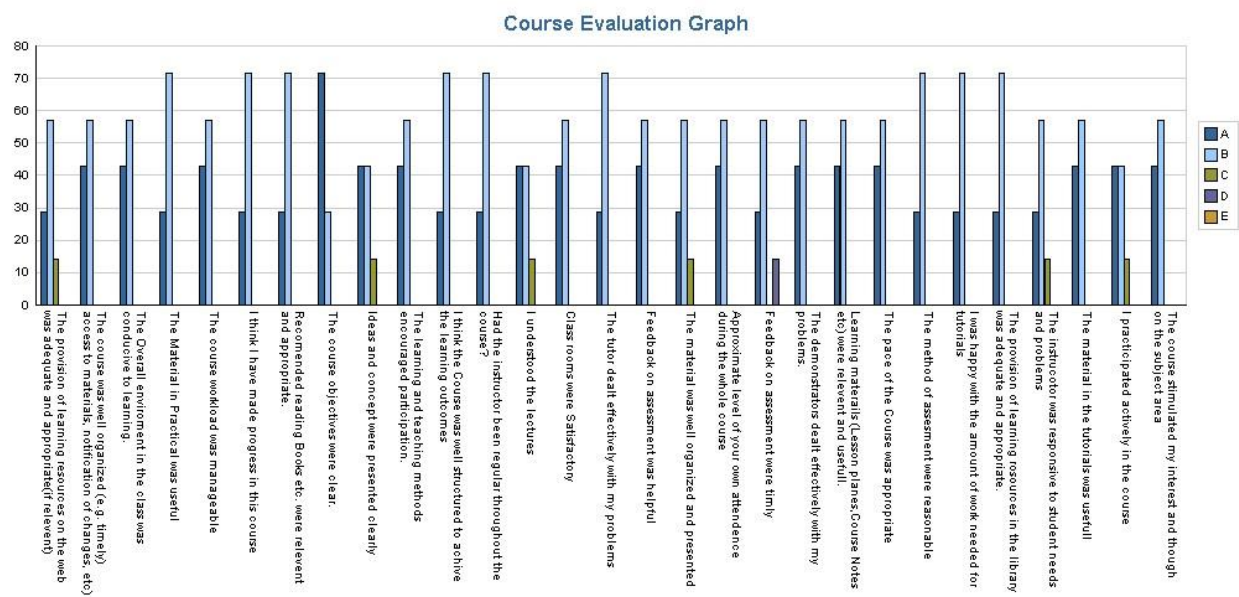
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

MUHAMMAD MOBEEN (INTRODUCTION TO MANAGEMENT)

The graph for “Had the instructor been regular throughout the course” shows that 29% are strongly agreed, 71% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 29% are strongly agreed, 71% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 29% are strongly agreed, 71% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 71% are strongly agreed, 29% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 42% are strongly agreed, 58% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 29% are strongly agreed, 57% are agreed, 14% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

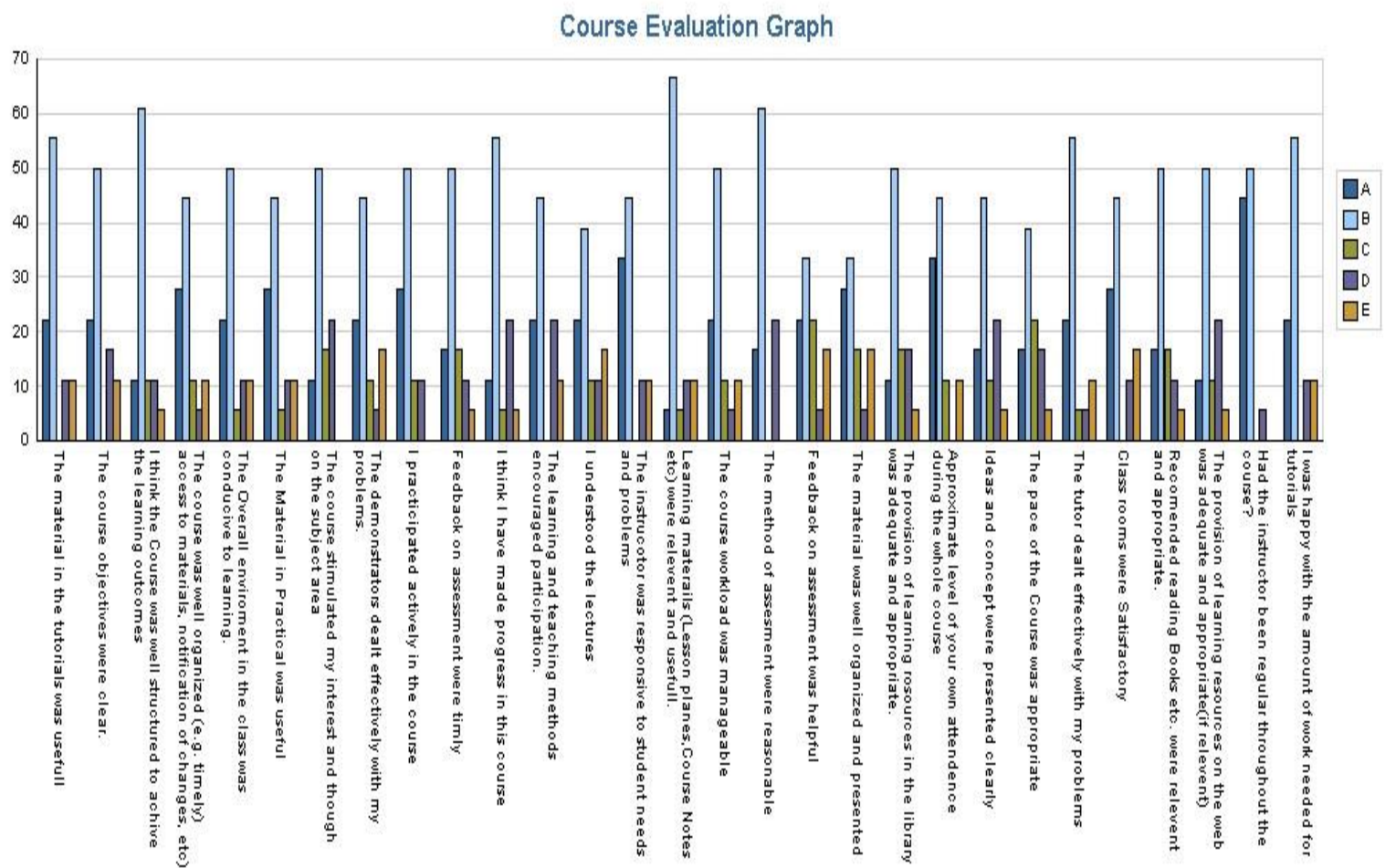
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Muhammad Azhar (Software Construction & Development)

The graph for “Had the instructor been regular throughout the course” shows that 45% are strongly agreed, 50% are agreed, 0% are uncertain, 5% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 11% are strongly agreed, 62% are agreed and 11% are uncertain 11% are disagreed and 5% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 10% are strongly agreed, 50% are agreed and 10% are uncertain 22% are disagreed and 8% are strongly disagreed. The graph for “The course objectives were clear” shows that 22% are strongly agreed, 50% are agreed, 0% are uncertain, 16% are disagreed and 12% are strongly disagreed. The graph for “The Course workload was manageable” shows that 22% are strongly agreed, 50% are agreed, 10% are uncertain, 8% are disagreed and 10% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 34% are strongly agreed, 44% are agreed, 0% are uncertain and 11% are disagreed and 11% are strongly disagreed.



General Comments of Students about this course:

Strengths:

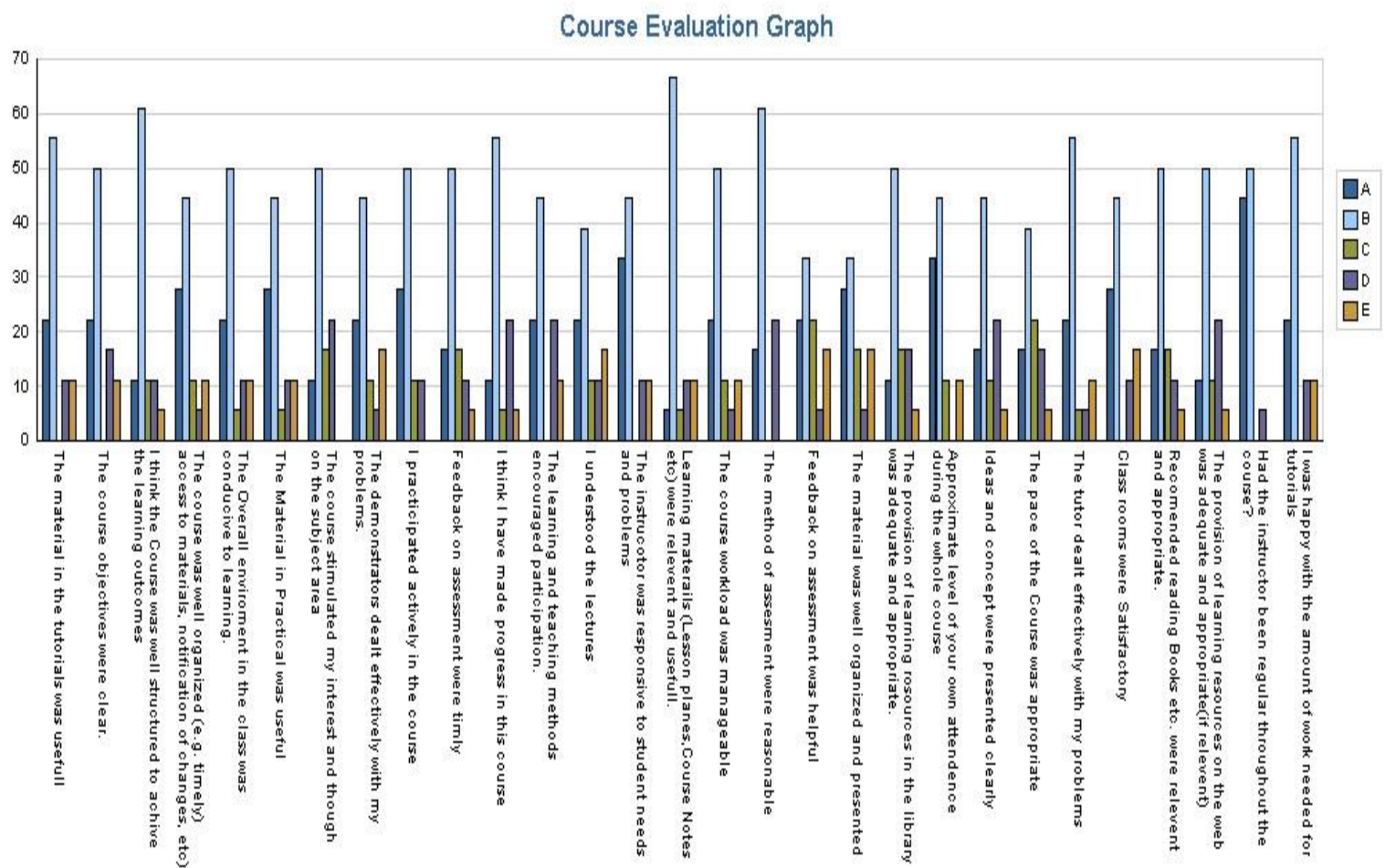
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Muhammad Azhar (Software Construction & Development)

The graph for “Had the instructor been regular throughout the course” shows that 45% are strongly agreed, 50% are agreed, 0% are uncertain, 5% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 11% are strongly agreed, 62% are agreed and 11% are uncertain 11% are disagreed and 5% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 10% are strongly agreed, 50% are agreed and 10% are uncertain 22% are disagreed and 8% are strongly disagreed. The graph for “The course objectives were clear” shows that 22% are strongly agreed, 50% are agreed, 0% are uncertain, 16% are disagreed and 12% are strongly disagreed. The graph for “The Course workload was manageable” shows that 22% are strongly agreed, 50% are agreed, 10% are uncertain, 8% are disagreed and 10% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 34% are strongly agreed, 44% are agreed, 0% are uncertain and 11% are disagreed and 11% are strongly disagreed.



General Comments of Students about this course:

Strengths:

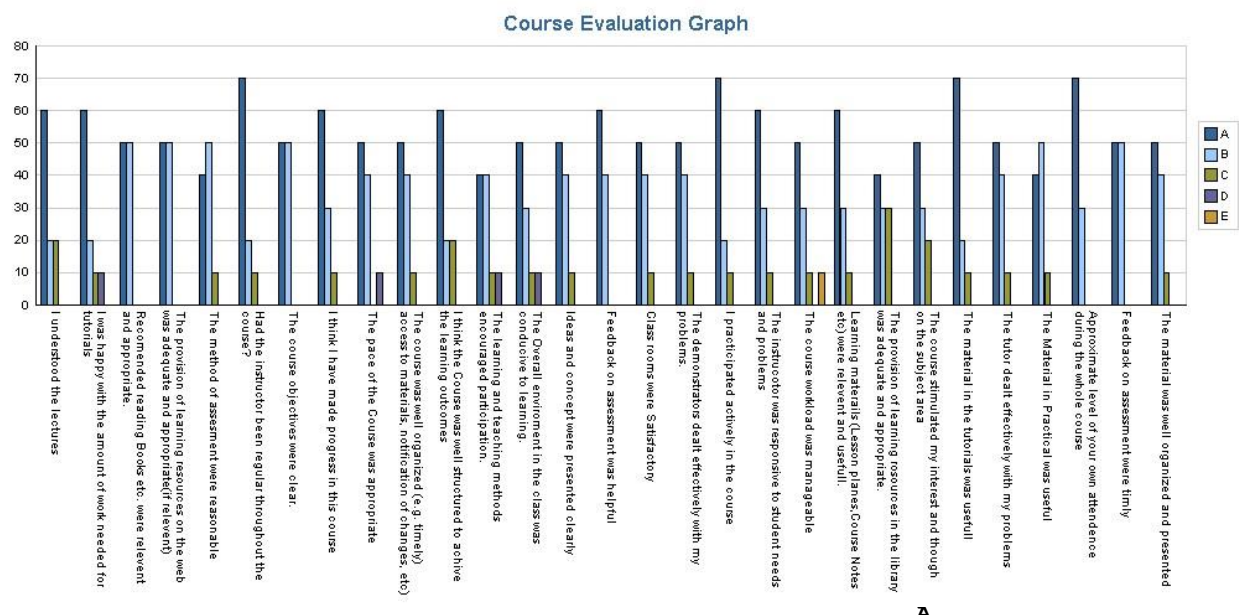
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Muhammad Azhar (Software Construction & Development)

The graph for “Had the instructor been regular throughout the course” shows that 70% are strongly agreed, 20% are agreed, 10% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 60% are strongly agreed, 20% are agreed and 20% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 40% are strongly agreed, 30% are agreed and 30% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 50% are strongly agreed, 30% are agreed, 0% are uncertain, 10% are disagreed and 10% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 60% are strongly agreed, 30% are agreed, 10% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

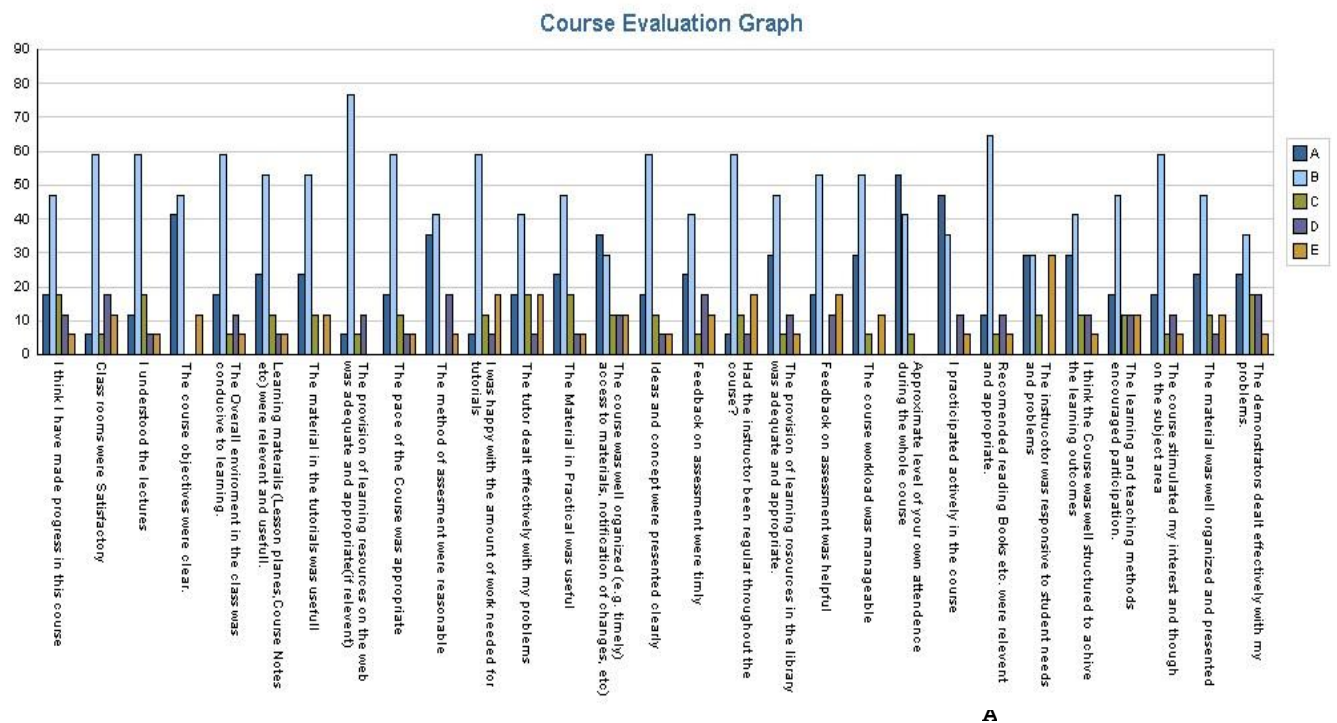
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Syed Mushhad Gillani (Computer Networks)

The graph for “Had the instructor been regular throughout the course” shows that 6% are strongly agreed, 60% are agreed, 12% are uncertain, 8% are disagreed and 14% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 35% are strongly agreed, 29% are agreed and 12% are uncertain 12% are disagreed and 12% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 29% are strongly agreed, 48% are agreed and 6% are uncertain 11% are disagreed and 6% are strongly disagreed. The graph for “The course objectives were clear” shows that 40% are strongly agreed, 48% are agreed, 0% are uncertain, 0% are disagreed and 12% are strongly disagreed. The graph for “The Course workload was manageable” shows that 29% are strongly agreed, 52% are agreed, 8% are uncertain, 0% are disagreed and 11% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 30% are strongly agreed, 30% are agreed, 10% are uncertain and 0% are disagreed and 30% are strongly disagreed.



General Comments of Students about this course:

Strengths:

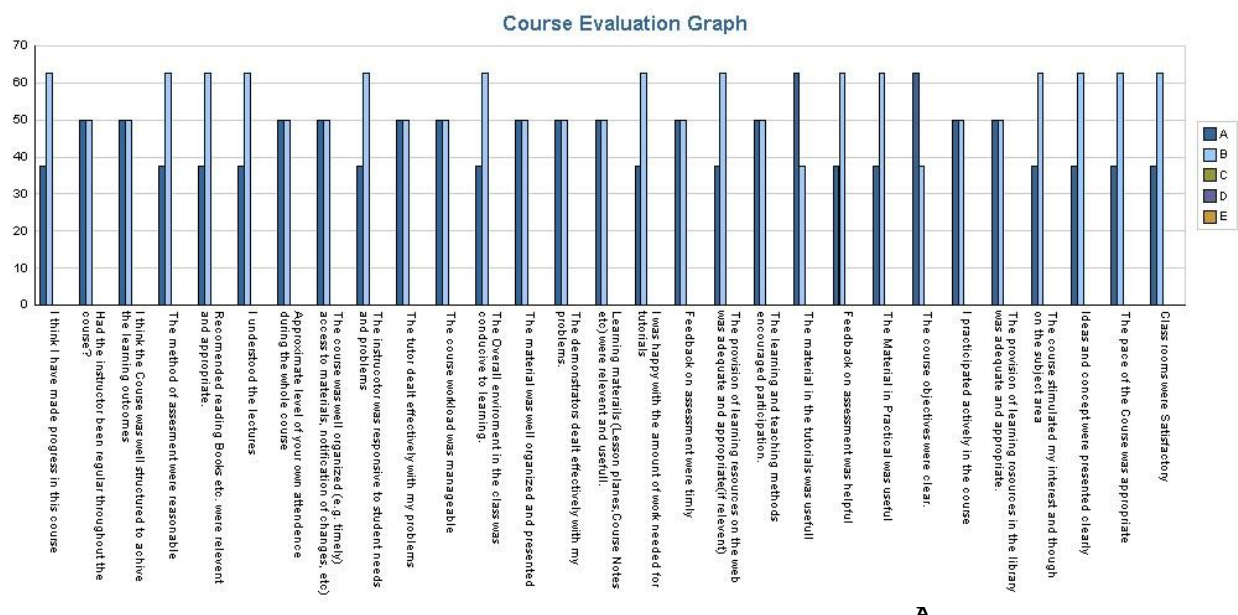
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Sarfraz Bibi (Software Requirement Engineering)

The graph for “Had the instructor been regular throughout the course” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 50% are strongly agreed, 50% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 35% are strongly agreed, 65% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 62% are strongly agreed, 38% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 37% are strongly agreed, 63% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

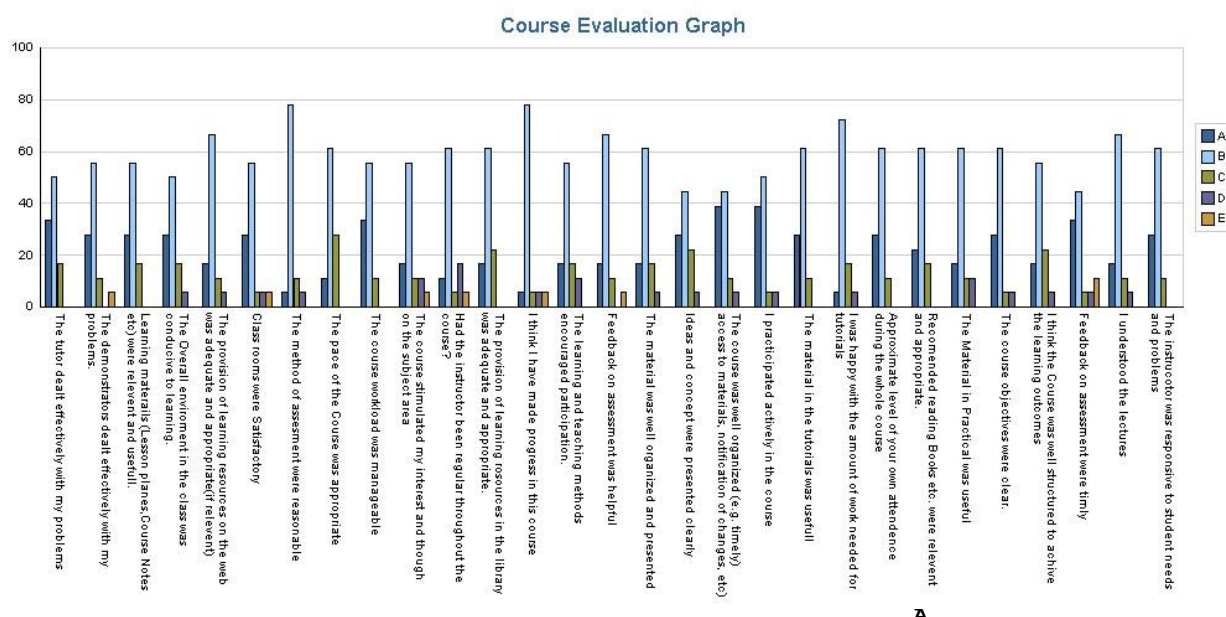
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Iram Rubab (Objected Oriented Analysis & Design)

The graph for “Had the instructor been regular throughout the course” shows that 11% are strongly agreed, 62% are agreed, 7% are uncertain, 15% are disagreed and 5% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 18% are strongly agreed, 57% are agreed and 21% are uncertain 4% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 18% are strongly agreed, 61% are agreed and 21% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 25% are strongly agreed, 63% are agreed, 6% are uncertain, 6% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 30% are strongly agreed, 55% are agreed, 15% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 25% are strongly agreed, 61% are agreed, 14% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

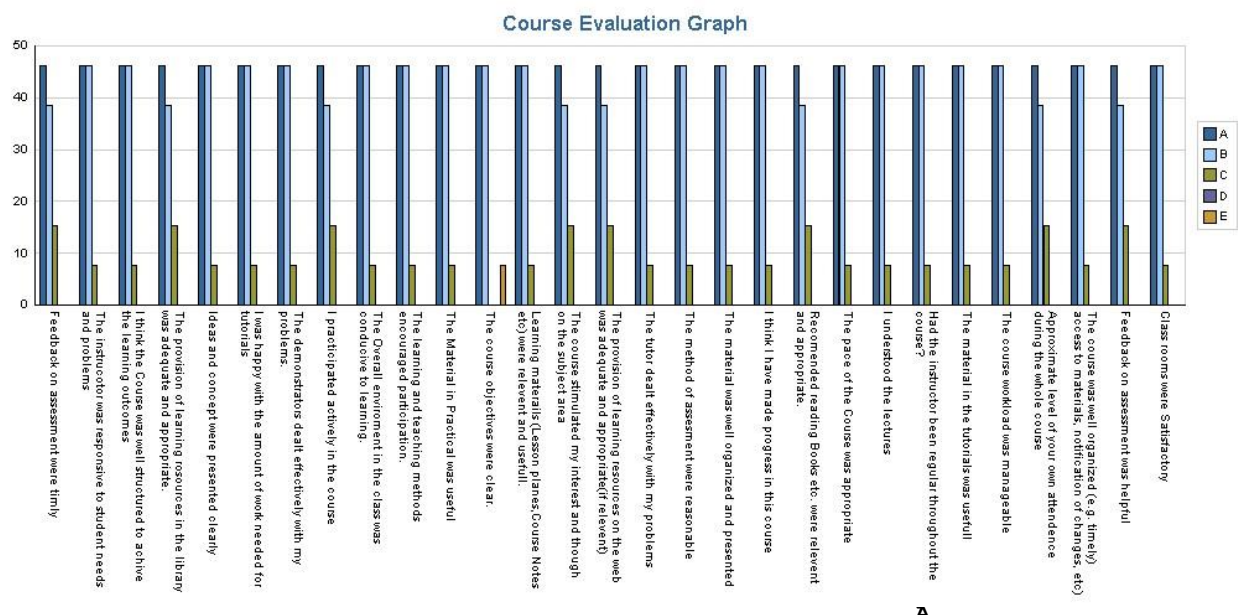
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Iram Rubab (SOFTWARE PROJECT MANAGEMENT)

The graph for “Had the instructor been regular throughout the course” shows that 45% are strongly agreed, 45% are agreed, 10% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 45% are strongly agreed, 45% are agreed and 10% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 45% are strongly agreed, 38% are agreed and 17% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 46% are strongly agreed, 46% are agreed, 0% are uncertain, 0% are disagreed and 8% are strongly disagreed. The graph for “The Course workload was manageable” shows that 46% are strongly agreed, 46% are agreed, 8% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 46% are strongly agreed, 46% are agreed, 8% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

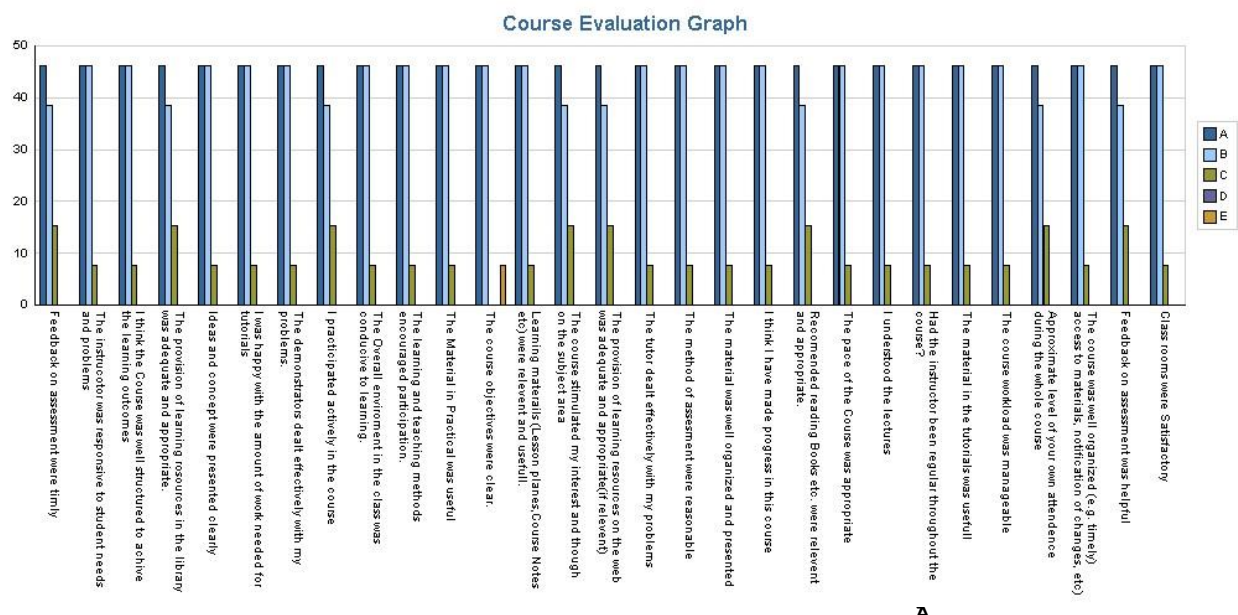
- Understanding of the course
- Good reference material was provided

Weaknesses:

- Objectives should be more clear

Iram Rubab (SOFTWARE PROJECT MANAGEMENT)

The graph for “Had the instructor been regular throughout the course” shows that 45% are strongly agreed, 45% are agreed, 10% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 45% are strongly agreed, 45% are agreed and 10% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 45% are strongly agreed, 38% are agreed and 17% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 46% are strongly agreed, 46% are agreed, 0% are uncertain, 0% are disagreed and 8% are strongly disagreed. The graph for “The Course workload was manageable” shows that 46% are strongly agreed, 46% are agreed, 8% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 46% are strongly agreed, 46% are agreed, 8% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

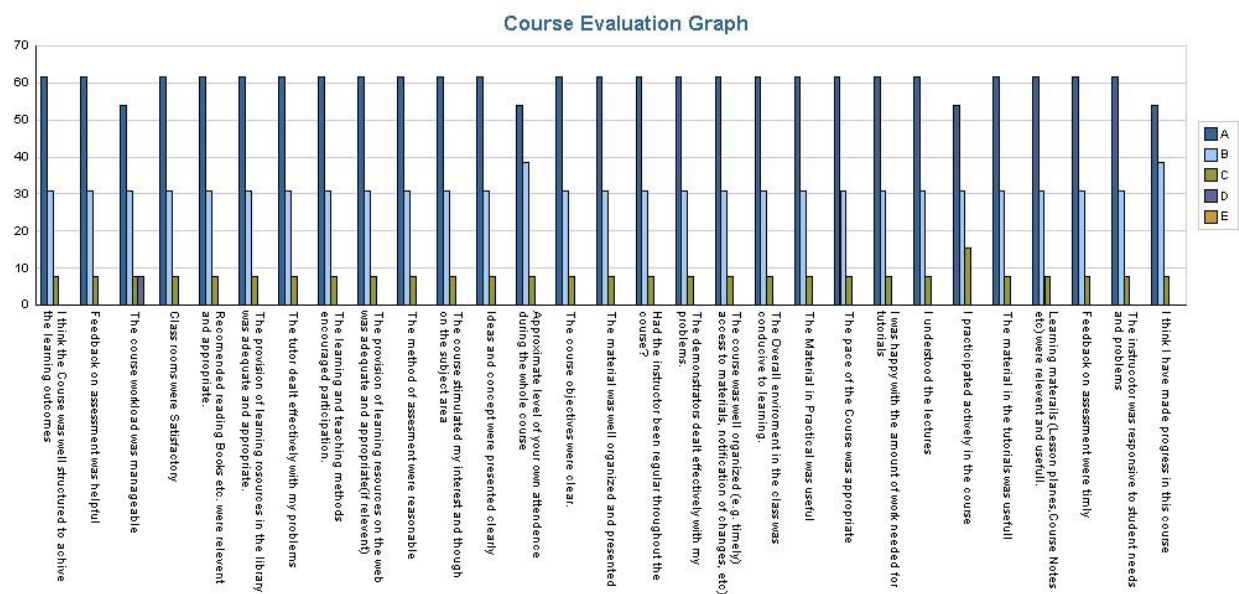
- Understanding of the course
- Good reference material was provided

Weaknesses:

Objectives should be more clear

FARHAD MUHAMMAD RIAZ (Database Administration & Management)

The graph for “Had the instructor been regular throughout the course” shows that 62% are strongly agreed, 30% are agreed, 8% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 62% are strongly agreed, 30% are agreed and 8% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 62% are strongly agreed, 30% are agreed and 8% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 62% are strongly agreed, 30% are agreed, 8% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 54% are strongly agreed, 30% are agreed, 8% are uncertain, 8% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 62% are strongly agreed, 30% are agreed, 8% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

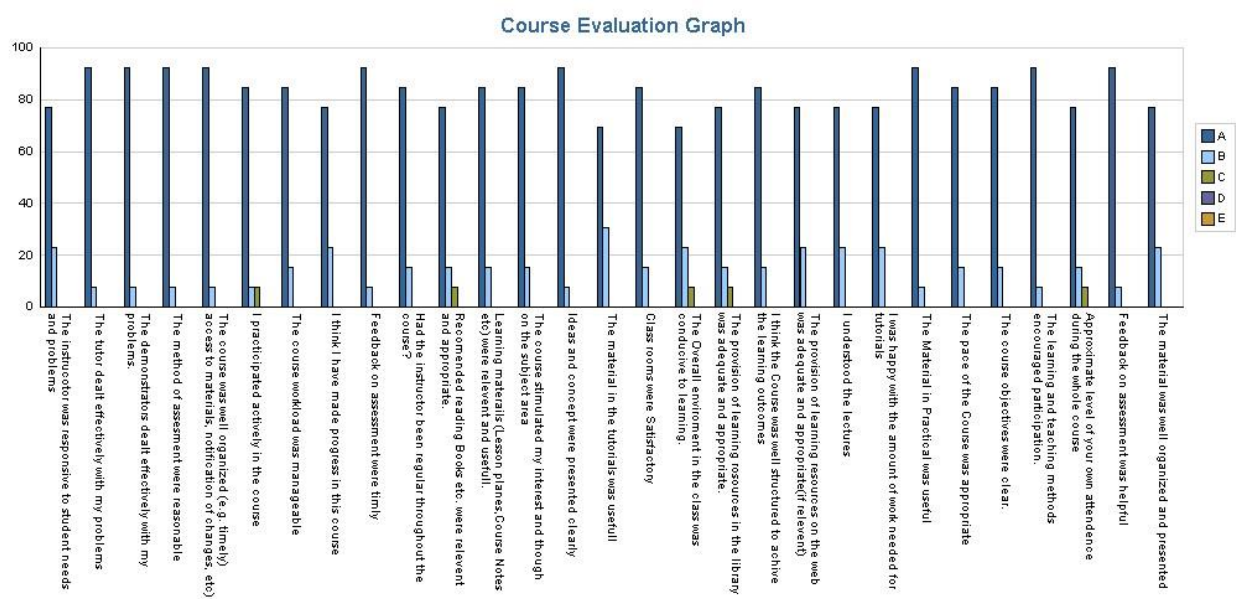
- Understanding of the course
- Good reference material was provided

Weaknesses:

Objectives should be more clear

Imran Khurram (VISUAL PROGRAMMING)

The graph for “Had the instructor been regular throughout the course” shows that 83% are strongly agreed, 17% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 85% are strongly agreed, 15% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 79% are strongly agreed, 21% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 82% are strongly agreed, 18% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 82% are strongly agreed, 18% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 79% are strongly agreed, 21% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

- Understanding of the course
- Good reference material was provided

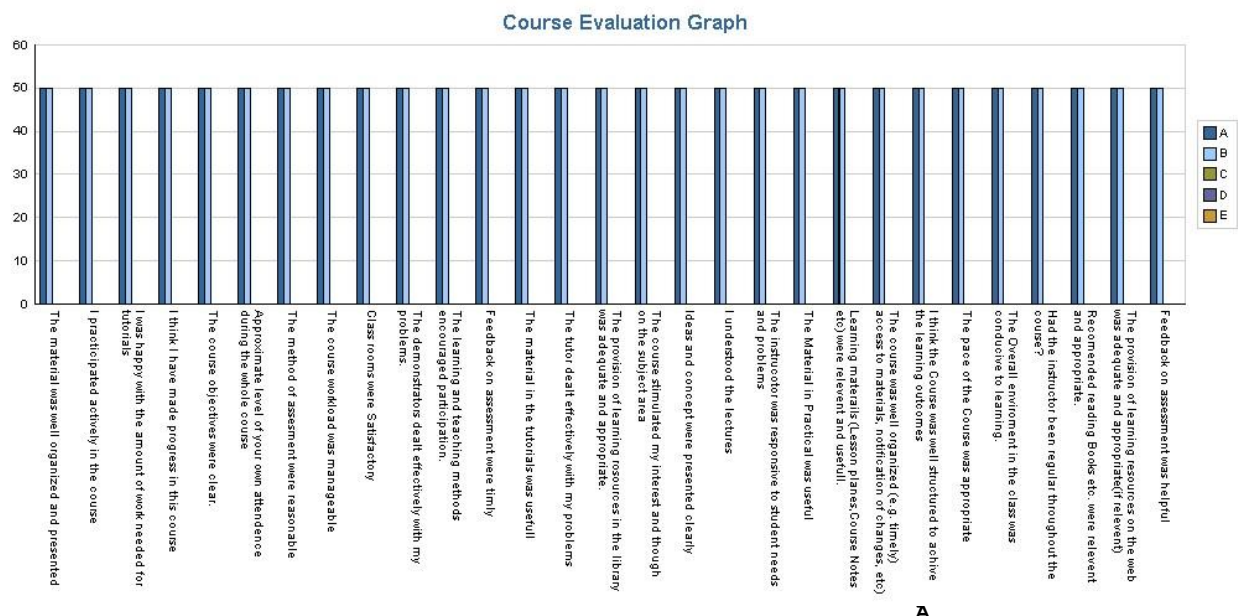
Weaknesses:

Objectives should be more clear

Spring 20

Sadaf Hamid (STATISTICS AND PROBABILITY)

The graph for “Had the instructor been regular throughout the course” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 50% are strongly agreed, 50% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 50% are strongly agreed, 50% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

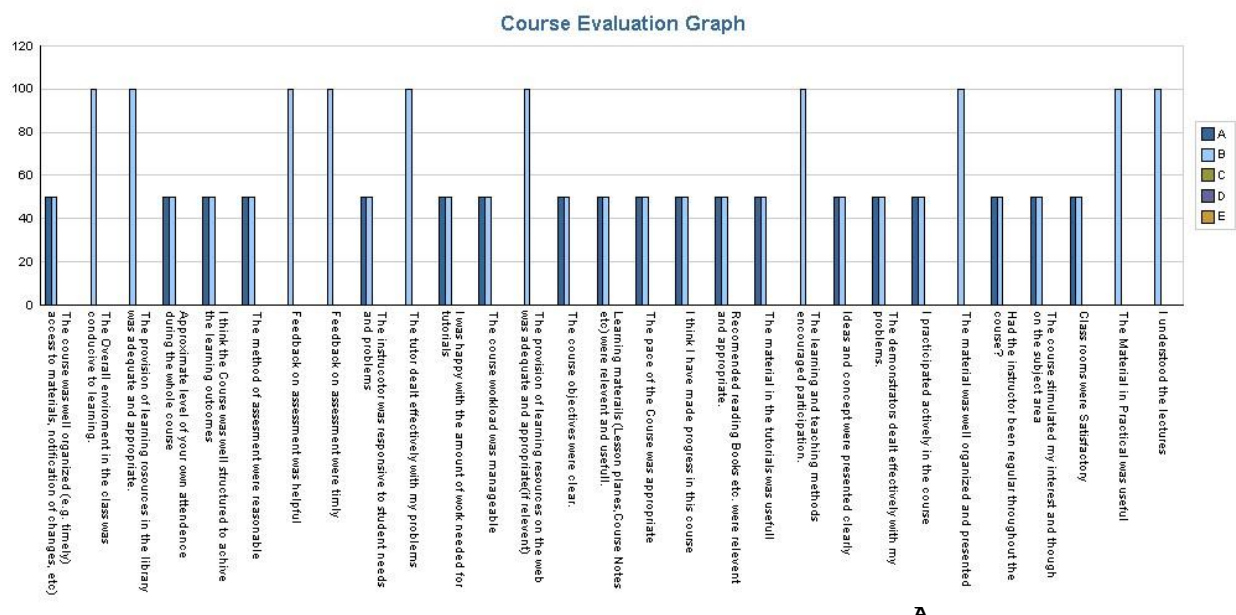
- Understanding of the course
- Good reference material was provided

Weaknesses:

Objectives should be more clear

Saud Altaf (Information Security)

The graph for “Had the instructor been regular throughout the course” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 50% are strongly agreed, 50% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 0% are strongly agreed, 100% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

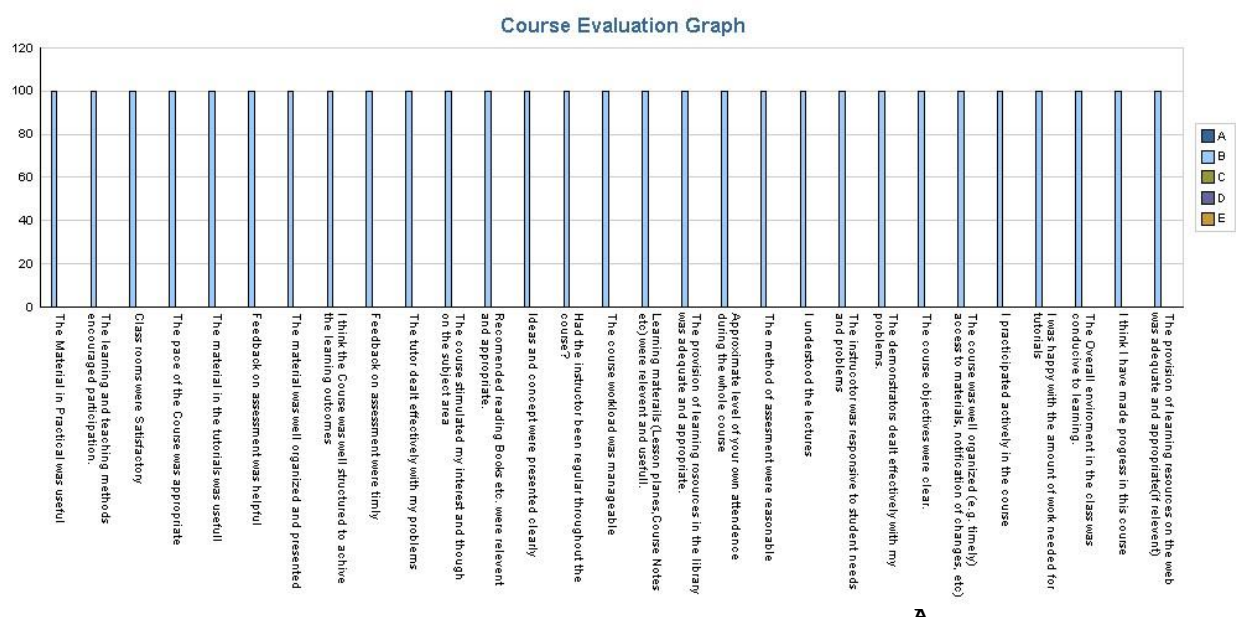
- Understanding of the course
- Good reference material was provided

Weaknesses:

Objectives should be more clear

Saba Un Nisa (Web Technologies)

The graph for “Had the instructor been regular throughout the course” shows that 0% are strongly agreed, 100% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 0% are strongly agreed, 100% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 0% are strongly agreed, 100% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 0% are strongly agreed, 100% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 0% are strongly agreed, 100% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 0% are strongly agreed, 100% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

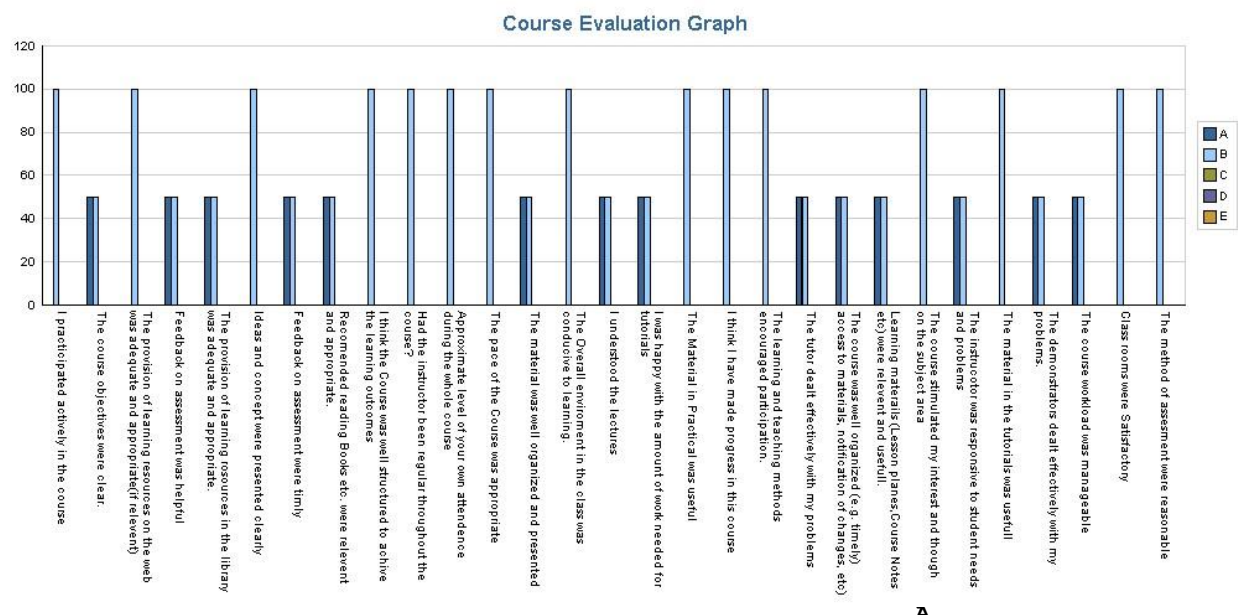
- Understanding of the course
- Good reference material was provided

Weaknesses:

Objectives should be more clear

Muhammad Azhar (Mobile Application Development)

The graph for “Had the instructor been regular throughout the course” shows that 0% are strongly agreed, 100% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 0% are strongly agreed, 100% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 0% are strongly agreed, 100% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

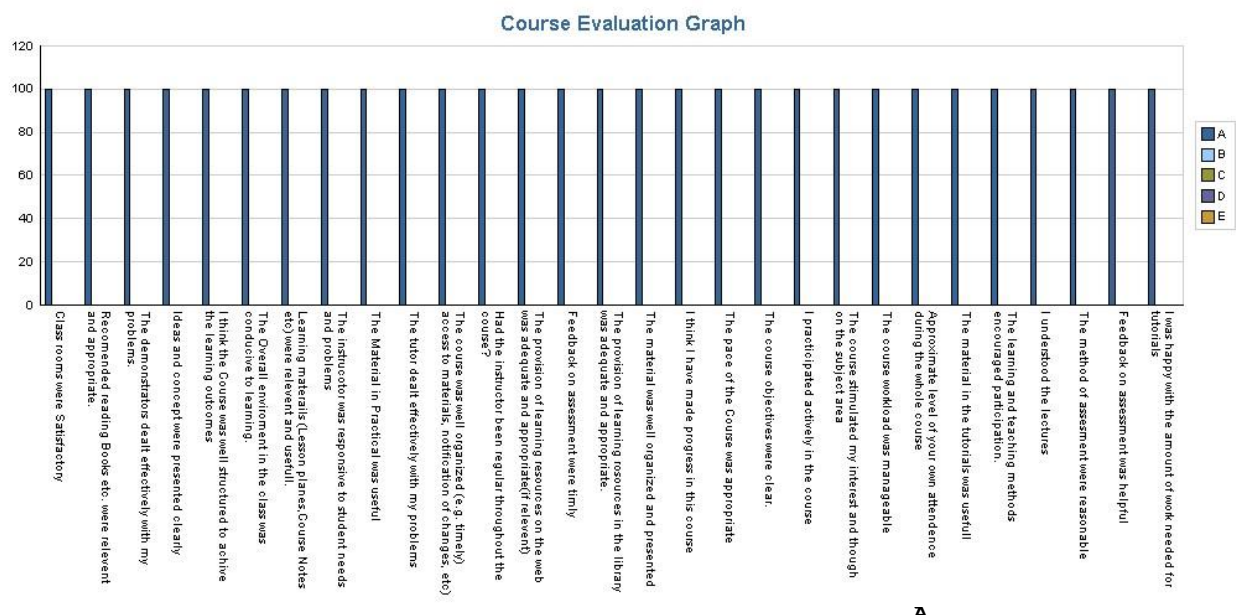
- Understanding of the course
- Good reference material was provided

Weaknesses:

Objectives should be more clear

Muhammad Azhar (Mobile Application Development)

The graph for “Had the instructor been regular throughout the course” shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 100% are strongly agreed, 0% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 100% are strongly agreed, 0% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

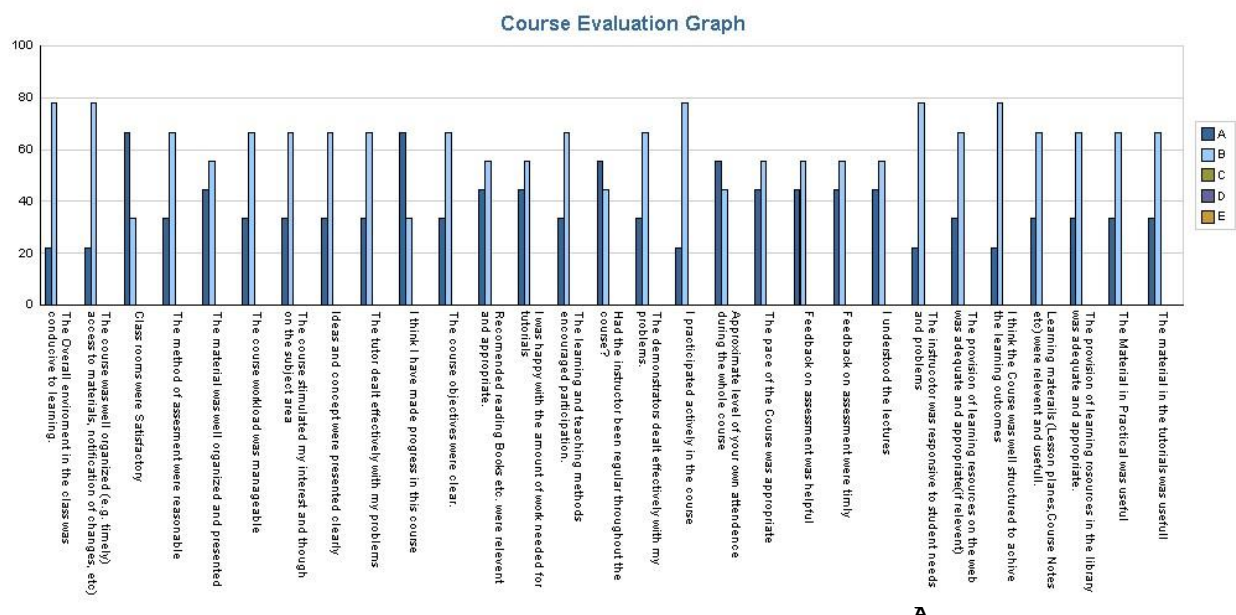
- Understanding of the course
- Good reference material was provided

Weaknesses:

Objectives should be more clear

Ghulam Mustafa (Software Engineering)

The graph for “Had the instructor been regular throughout the course” shows that 55% are strongly agreed, 45% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 21% are strongly agreed, 79% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 30% are strongly agreed, 70% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 30% are strongly agreed, 70% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 30% are strongly agreed, 70% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 21% are strongly agreed, 79% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

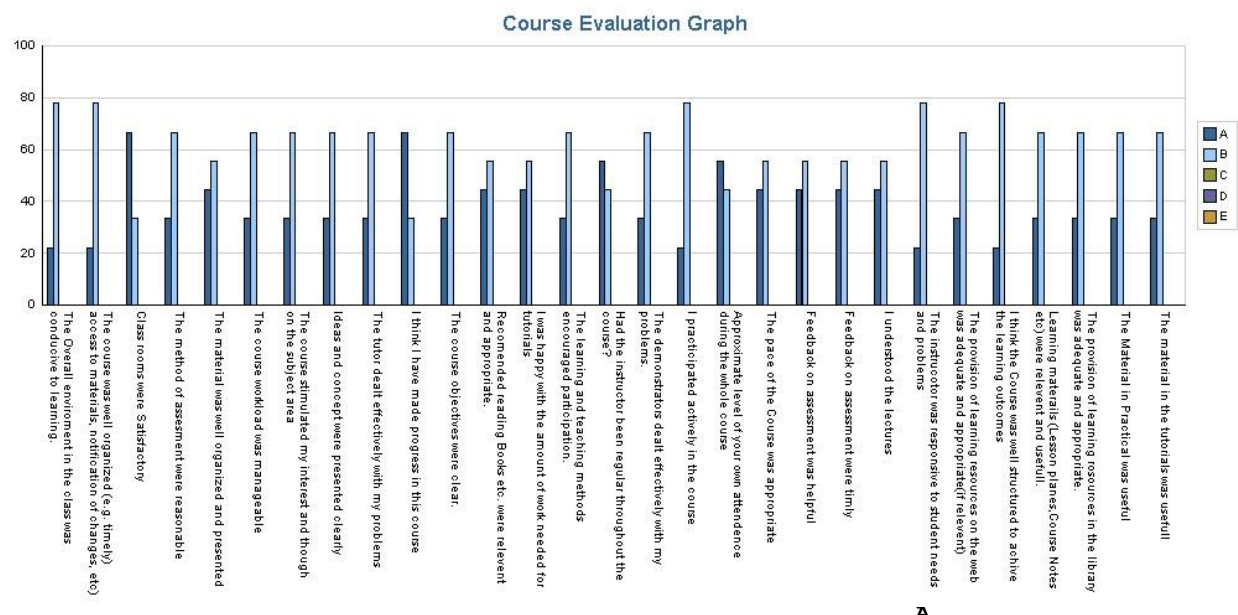
- Understanding of the course
- Good reference material was provided

Weaknesses:

Objectives should be more clear

Saqib Majeed (Object Oriented Programming)

The graph for “Had the instructor been regular throughout the course” shows that 50% are strongly agreed, 50% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 23% are strongly agreed, 77% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 68% are strongly agreed, 38% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 85% are strongly agreed, 15% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 78% are strongly agreed, 22% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 62% are strongly agreed, 38% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

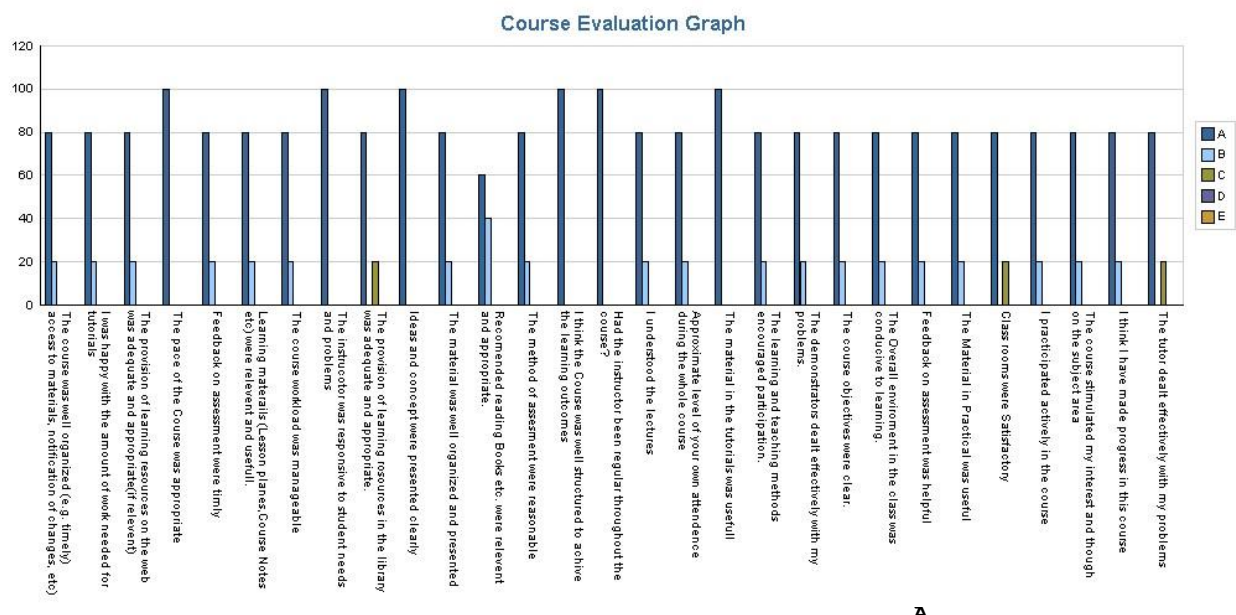
- Understanding of the course
- Good reference material was provided

Weaknesses:

Objectives should be more clear

Saqib Majeed (Object Oriented Programming)

The graph for “Had the instructor been regular throughout the course” shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “Course was well structured to achieve the learning outcomes” shows that 100% are strongly agreed, 0% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “Provision of learning resources in library was adequate and appropriate” shows that 80% are strongly agreed, 20% are agreed and 0% are uncertain 0% are disagreed and 0% are strongly disagreed. The graph for “The course objectives were clear” shows that 80% are strongly agreed, 20% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “The Course workload was manageable” shows that 80% are strongly agreed, 20% are agreed, 0% are uncertain, 0% are disagreed and 0% are strongly disagreed. The graph for “instructor was responsive to student needs and problems” shows that 100% are strongly agreed, 0% are agreed, 0% are uncertain and 0% are disagreed and 0% are strongly disagreed.



General Comments of Students about this course:

Strengths:

- Understanding of the course
- Good reference material was provided

Weaknesses:

Objectives should be more clear

ANNEXURES

ANNEXURE I: ALUMNI SURVEY

Since the BSSE Program has been launched in 2017 so there is none of the alumni yet produced.

Skills of Students as BSSE graduates

This is not applicable for BSSE degree program since it is launched in 2017.

Survey of Graduating Students

A survey is conducted for the students of last semester and feedback is collected on Performa 3. The results are summarized. A set of questions is present in the Performa 3. The graph from the summarized results in figure 3, shows that 41% students are very satisfied from the program, 33% are satisfied, 11% are uncertain, 10% are dissatisfied and 5% are very dissatisfied.

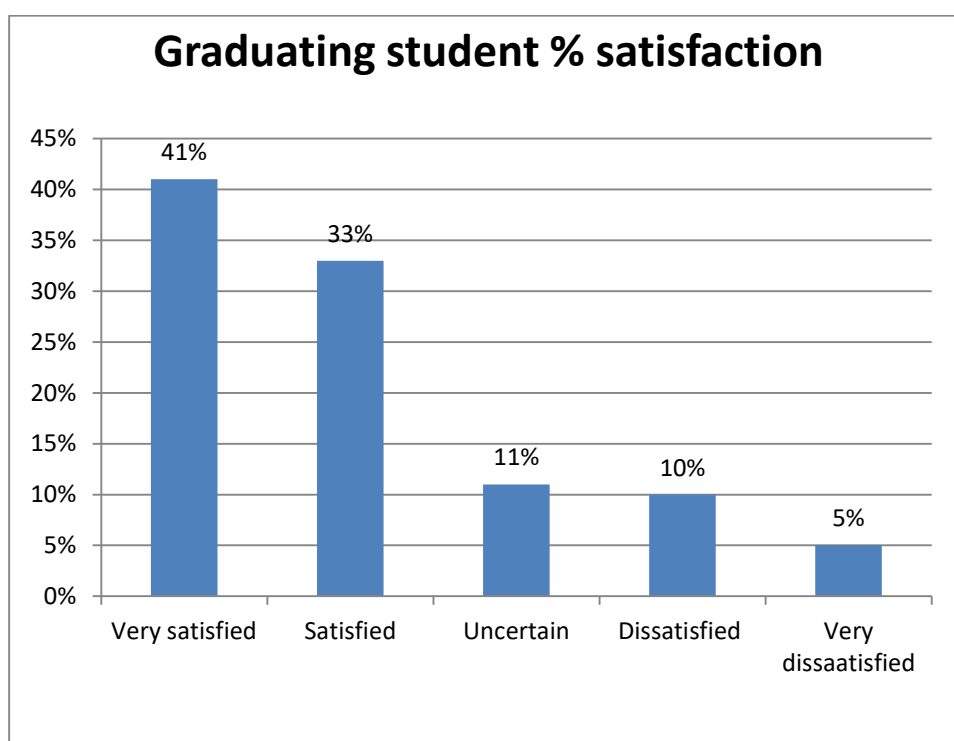


Figure 3: Survey of Graduating Students

Best Aspects of the Program:

- Qualified faculty
- The students have the ability to work with lots of pressure
- Introduction to the new technologies, tools and equipment

- The environment is conducive to learning

Weaknesses:

- Not sufficient number of regular faculty members therefore, the institute is dependent on visiting faculty
- More lab time and practical work should be provided to the student which should be independent of the timetable and they can work in expedient mode.
- The curriculum needs to be updated

Standard 1-3: The results of the program's assessment and the extent to which they are used to improve the program must be documented.

Strengths of Program/Institute

The course curriculum is well designed and updated. The institute has hired new faculty members to meet the needs of the students. The curriculum needs to be updated.

- ***Well planned and efficient:*** The course curriculum is well designed and updated according to the guidelines provided by the HEC.
- ***Faculty enhanced:*** The institute has hired new faculty members to meet the needs of the students.
- ***Computer Labs:*** 3 labs have been updated with new PCs having latest specifications.
- ***PhD Faculty:*** Some PhD faculty members have joined back after the completion of their study leaves and they have PhD in the field of Information technology.
- ***Agriculture field:*** Some courses have been added in the program from the domain of agriculture to provide IT support to our real time agricultural problems.
- ***Mobile Phone Projects:*** Keeping in mind the increased usage of mobile phones, we encouraged IT students to develop android and iPhone applications in their final year projects. In this regard part time faculty has been hired who have expertise in this area.
- ***Hardware based Projects:*** Although hardware solutions are not in the scope of this degree but to fulfill the market requirements we are encouraging students to provide IT solutions using hardware support. Our faculty is capable enough to supervise such projects.

Weakness of Program/Institute

There should be less dependency on the visiting faculty. Although the institute has hired new faculty but still it is still not enough to meet the requirements as per students' strength. There should be some sitting place on the campus in extreme summer weather.

The weaknesses in the program are:

- **Faculty Shortage:** There should be less independence on the visiting faculty. Although institute has hired new faculty but still it is less according to the requirements.
- **Space Shortage:** There should be some sitting place for students in the campus in extreme summer weather.
- **Student Strength:** Student strength should be according to resources (faculty and class rooms). Currently the students are more as compare to resources.
- **Accreditation Approval:** There should be enough strength of faculty, infrastructure and other related requirement to fully accredit the program.
- **Revised Curriculum:** The curriculum needs to be updated to exact mapping with HEC. Revised curriculum for Computer Science and IT is also pending at HEC because we are following old version of 2012.
- **Student Strength:** Student strength should be according to resources (faculty and class rooms). Currently the students are more as compare to resources.

Standard 1-4: The institute must assess its overall performance periodically using quantifiable measures.

As the BSSE program is not a research-oriented program, but at MS levels, students along with the faculty have published their research papers in the leading research Conferences and Journals. The detail is present in the faculty resume.

Community Service provided by the institutes:

Although right now there is no such mechanism to provide technical support to the local community but UIIT faculty was actively involved in establishing the lab in schools in remote areas under the Chief Minister Punjab program. The institute has a plan to establish a wing, which will provide support to different organization, which is helping local community free of cost.

Table 3: Performance measures for research activities

Faculty	Publications in Journals	Publications in proceedings/abstracts	Research Projects
Dr. Yasir Hafeez	10	4	1
Dr. Saud Altaf	7	0	0
Dr. Syed Mushadd Gillani	7	6	0
Ms. Bushra Hamid	1	0	0
Dr.Kashif Sattar	4	0	0
Dr. Muhammad Azeem Abbas	3	3	1
Dr.Asif Nawaz	6	0	0
Ms. Rubina Ghazal	2	1	2
Dr.Tariq Ali	2	2	0
Mr.Saqib Majeed	1	0	0
Dr.Saleem Iqbal	10	4	1
Dr.Ehtsham Azhar	22	4	0
Dr. Saif Ur Rehman	4	4	0
Ms.Sarfaz Bibi	1	0	0
Ms.Sidra Tahir	1	0	0
Ms.Noureen zafar	1	0	1
Ms.Farhanda	0	0	0
Dr.Aqib	3	2	1
Dr.Jawad	2	0	1

Future Plans

The Management of UIIT has planned a number of research studies and practical work in future deal with the issues of computer science and information technology as according to the requirement of HEC.

Table 4: Quantitative assessment of the department

Sr. #	Particular	No.	Remarks
I	BSSE degree awarded	-	--
II	BSIT degree awarded	-	--
III	BSCS degree awarded	-	--

IV	MCS degree awarded	-	--
V	MS (CS) degree awarded	-	--
Vi	Ph.D. degree awarded	-	--
VII	Post-Doc fellowship	-	--
VIII	Faculty: Students ratio	-	1:32
XI	Technical: Non-technical Ratio	-	Fulfils HEC criteria

CRITERION 2: CURRICULUM DESIGN AND ORGANIZATION

Degree Title: BSSE in Computer Science Intent:

All the courses for degree program are developed by a committee constituted by the Higher Education Commission, Pakistan. The committee consists of experts and learned professors, subject matter specialists from other universities and research organizations from Pakistan. When and if needed, curriculum for the University Institute of Information Technology is revised/updated through different bodies. At institutional level, Board of Studies, which comprises of senior faculty members, is responsible for updating the curriculum. This body is authorized to formulate a syllabus and course content. The Director of UIIT is the convener of this body. As per university rules courses after the approval from the UIIT Board, are placed before the University Academic Council for their approval.

A. Definition of Credit Hour

A student must complete a definite number of credit hours. One credit hour is one theory lecture or two hours laboratory (practical/week). One credit hour carries 20 marks.

B. Degree plan

Presently BSSE degree programs is organized by the department at graduate level.

The BSSE degree program consists of 4 academic years/ 8 semesters.

There are total 42 courses of 130 credit hours in total as below:

Computing — Core Courses (39/130) 11 courses

Computing — Supporting Sciences (76/130) 26 courses

- General Education(19/76) 07 Courses
- University Elective (12/76) 04 Courses
- Math & Sciences(12/76) 04 Courses

- *Software Engi. Core(24/76)*
 - *SE Supporting Coures(9/76)*
- CS — Electives (15/130)

08 Courses
03 Courses
05 courses

University Institute of Information Technology

Scheme of Studies of BS (SE) Program

1 ST Semester					
CS-300 ITC	CS-323 PF	ENG-305 ENG COM	MTH-310 Calculus	ELE-401 Basic-Electro	IS-302 Islamiat
2 nd semester					
CS-423 OOP	ENG-325 CPS	CS-335 DS	CS-453 SE	SSH-302 Pak. St	MGT-322 UE-1
3 rd Semester					
CS-443 DSA	SE-454 SRE	CS-685 HCI	MTH-435 Linear Algebra	MGT-411 ITM	CS-573 OR
4 th Semester					
CS-400 DS	CS-583 OS	STT-500 Stats & Prob.	SE-440 SDA	MGT-351 UE-3	CS-566 Web Tech.
5 th Semester					
SE-540 Software Cons. & Dev.	CS-577 Computer Networks	ENG-315 TBW	MGT-515 Introduction to HRM	SE-442 Formal Methods in SE	CS-553 OOA & Design
6 th Semester					
SE-542 Software Quality Engineering	CS-497 Information Security	SE-440 Software Design & Arch.	CS-666 Web Engineering	CS-553 Object Oriented Analysis	CS-693 Mobile App. Development
7 th Semester					
CS-698 Final Year Project-I	CS-652 Software Project Management	CS-673 Stochastic Processes	CS-436 Big Data Analytics	CS-601 DBMS	CS-692 Visual Programming

8 th Semester	
SE-415 Software Re-Engineering	CS-699 Final Year Project-II

C. Curriculum Breakdown:

Semester	Course Number	Core Courses	General Education Courses	University Elective Courses	Mathematics and Science Foundation Courses	Domain Courses for BS-SE	Software Engineering Supporting courses	Software Engineering ELECTIVE Courses
1	6	01	03	00	02	00	00	00
2	6	03	02	01	00	00	00	00
3	6	01	00	01	01	02	01	00
4	6	02	00	01	01	01	00	01
5	6	01	01	01	00	01	01	01
6	6	01	01	00	00	02	02	00
7	4	01	00	00	00	01	01	01
8	2	01	00	00	00	01	00	00
Total/Credit Hour	42/130	11/39	07/19	04/12	04/12	08/24	05/09	03/15
Minimum Requirements	42/130	11/39	07/19	04/12	04/12	08/24	05/09	03/15

Table 5: Curriculum course requirements

D. In our department, we are following the course outlines according to HEC criteria.

Standard 2-1: The curriculum must be consistent and support the program's documented objectives.

The table 6 given below shows the list of courses those are consistent with the programs objectives.

Table 6: Courses versus Objectives

Courses	Objectives					
	1	2	3	4	5	6
CS-323, CS-423, CS-443, CS-400, CS-583	+++	+	++	++	+++	+

CS-300, CS-453, CS-685, CS-440, MGT-351, SE-454	+++	++	++	+	++	++
MTH-310, ELE-401, CS-335, MTH-435, STT-500	+++	++	++	+	++	++
IS-302, SSH-302, MGT-322, MGT-411, MGT-351, MGT-515	+	+	++	++	++	+++
ENG-305, ENG-325,	++	++	+	++	++	+++

+ = Moderately Satisfactory

++ = Satisfactory

+++ = Highly Satisfactory

Standard 2-2: Theoretical backgrounds, problem analysis and solution design must be stressed within the program's core material.

The Table below shows the categorization of courses which play vital role in building theoretical background, problem analysis and designing a solution.

Table 7: Standard 2-2 Requirement

Element	Course Code	Course Title
Theoretical Background	ENG-305	English Comprehension
	IS-302	Islamic Studies
	ENG-325	Communication and Presentation Skills
	SSH-302	Pakistan Studies
	MGT-322	Financial Accounting
	CS-685	Human Computer Interaction
	MGT-411	Introduction to Management
	MGT-351	Introduction to Marketing
Problem Analysis	MTH-310	Calculus and Analytic Geometry
	CS-335	Discrete Structures
	MTH-435	Linear Algebra
	STT-500	Statistics and Probability
Solution Design	CS-300	Introduction to Information & Communication Technologies

	CS-323	Programming Fundamentals
	CS-423	Object Oriented Programming
	CS-453	Software Engineering
	CS-443	Data Structure and Algorithms
	SE-454	Software Requirement Engineering
	CS-400	Database Systems
	CS-583	Operating Systems
	SE-440	Software Design and Architecture

Assessment of BSSE Curriculum

The assessment of the BSSE degree program is shown in tabulated form which indicated the contribution of each course for the program outcomes.

- It contains the introductory computing course, middle level course and advanced computing courses.
- It contains mathematical courses which help in designing the mathematical modeling and developing numerical solutions.
- It contains the management and business courses to give students a flavor of business infrastructures.

Standard 2-3: The curriculum must satisfy the core requirement for the program, as specified by the respective accreditation body.

The curriculum is designed according to the requirements of the Accreditation Council of Pakistan and is duly approved by the Academic Council of PMAS-AAUR.

Standard 2-4: The curriculum must satisfy the major requirements for the program as specified by HEC, by the respective accreditation body/councils.

The institute has its own faculty board comprising of ten members, one member from sister institute, two members from the academic council of PMAS-AAUR and seven members from faculty of UIIT. All courses of BSSE degree are designed according to the defined standard of HEC by the said faculty board and curriculum is duly approved by the academic council of the university.

Standard 2-5: The curriculum must satisfy general education, arts, and professional and other discipline requirements for the program as specified by the respective accreditation body/councils

Few courses specifically focus on the ethical building of the students. Professional ethics focus on rules, regulation used in the software industry. Mathematical background is built using the mathematical courses. To improve the English language, lectures are delivered in English medium to improve the skills presentations are conducted in most of the courses.

Standard 2-6: Information technology component of the curriculum must be integrated throughout the program.

Programming skill is improved by managing the available skill in different courses. Basic skills are provided to the students in first semester in programming fundamental course. The organization of the code is improved in object oriented programming course in second semester, advance level programming is taught in 3rd and 4th semesters and 5 to 6 assignments are compulsory in every course, that improve the written skills of problem solving and presentation. The verbal communication is improved by providing the student to present a topic at the end of each semester to present their course projects.

Table 8(a): Credit Hour Division Between Major Areas

Category	Credit Hours	Cumulative Credit Hours
Computing-Core	39	32
General Education	19	31
University Electives	12	12
Mathematics & Science Foundation	12	12
Domain SE Core	24	24
Domain SE Supporting	09	09
Domain SE Electives	21	21
Total Credit Hours	130	130

Standard 2-7: Oral and written communication skills of the student must be developed and applied in the program.

To enhance the communication skills of students, UIIT has included a number of General education courses as per HEC criterion.

Table 8(b): General Education Courses

Course Code	Course Title	Credit Hours
ENG-305	English Comprehension	3(3-0)
ENG-325	Communication and Presentation Skills	3(3-0)

SSH-302	Pakistan Studies	2(2-0)
IS-302	Islamic Studies	2(2-0)

CRITERION 3: LABORATORIES AND COMPUTING FACILITIES

The table contains the detail of the lab and computing facilities at UIIT.

Table 9: Laboratory Facility

Size of campus (in kanals)			9.3 kanals									
Covered area (sq. ft.)			51,165 sq. ft.									
Sizes of lecture rooms			Class Room 30’ x 40’						Lecture Theater 30’ x 50’			
Instructional facilities provided in lecture rooms			Multimedia White Board						Overhead Projectors Sound System			
General computing lab facilities: total number of PCs and lab hours			Approximately 100 hours Per Day Total PCs in Labs: 210 Labs Open: 8:00 am – 9:00 pm									
Nature and level of networking			Fiber Optic based Campus Wide LAN, Point to Point connectivity using fiber optic with 60MB of bandwidth.									
Specialized lab facilities and hours of their availability			CISCO (Router/Switch) GIS (Plotter/Scanner) DLD(Trainer/Oscillo scope) PhD Lab (1)		Linux Lab Teaching Lab Project Lab The labs are open almost the whole day from 8:00 am to 9:00 pm							
Student-to-computer ratio	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
	1.4:1 (372:260)	1.2:1 (352:285)	1.3:1 (383:285)	1.2:1 (390:285)	2:1 (410:285)	2:1 (388:156)	3:1 (457:156)	3.5:1 (700:170)	4:1 (800:210)	2:1 (386:210)	2:1 (386:210)	1.3:1 (386:310)
Average lifetime of a PC in computing labs			3 to 4 years									
Library information			Area (sq. ft.)	Automated	Total Books			Total Computer Books	Total Journals (Give full details)	IEEE (Give full details)	ACM (Give full details)	

			1020	Automated	3604 In addition to university main library resources	2700	8 Journals	UIIT has an access to digital library services being extended by HEC

Assessment of BSSE Curriculum

The assessment of the BSSE degree program is shown in tabulated form which indicated that contribution of each course for the program outcomes.

- It contains the basic programming courses, modern programming courses and advanced computing courses.
- It contains mathematical courses which help in designing the mathematical modeling and developing numerical solutions.
- It contains the management and business courses to give students a flavor of business infrastructures.

Standard 3-1: Laboratory manuals/documentation/instructions for experiments must be available and daily accessible to faculty and students.

Laboratory manuals for the entire practical subject are prepared and distributed among students. Manuals are present at the institute in the soft form.

Standard3-2: There must be support personal for instruction and maintaining the laboratories.

The detailed information of Laboratory is presented in Table 9. A total of 15 lab support staff is available at UIIT. The Lab support staff helps teachers in conducting different labs. Their main responsibilities include the lab maintenance, availability of related software for lab etc.

One lab person is available for each of the lab being arranged. Detail is given below:

Computer Lab support staff:	10
Multimedia Projector Count:	18
Over Head Projectors Count:	7
Total Lab Computers:	210
Total No. of Labs:	8

Standard 3-3: The University computing infrastructure and facilities must be adequate to support program's objectives.

The UIIT provides enough computing facilities for students in the Lab. The total numbers of computers available for students use in multiple labs are 285 in 8 labs.

A student to computer ratio maintained in the year 2017-2019 is 1:2.

CRITERION 4: STUDENT SUPPORT AND ADVISING

Our University organizes support programs for students and provide information regarding admission, scholarship schemes etc. Institute in its own capacity arranges orientation and guided tours of the institute. Director Students Affairs is also there and arranges various cultural activities and solves the students' problems. However currently there is no Parent/Teacher association.

Standard 4-1: Courses must be offered with sufficient frequency and number for students to complete the program in a timely manner.

Courses are taught as per HEC criteria.

- At undergraduate level subjects/courses are offered as per the scheme of study provided by the HEC and approved by Academic Council. Postgraduate level courses are however offered according to the availability of the teacher and a number of students.
- Elective courses are offered as per policy of HEC and the University.
- For postgraduate programs, a variety of courses are offered according to demand of the profession

Standard 4-2: Courses in the major area of study must be structured to ensure effective interaction between students, faculty and teaching assistants.

Both theoretical and practical aspects are focused to prepare the students for professional challenges. Theoretical problems are explained and assignments are given to the students whereas, practical are carried out in the labs. Courses are structured and decided by the board of studies meeting. At commencement of each semester, faculty members interact frequently among themselves and with students. Students are welcome to ask questions in class and even after the class. Emphasis is always given for an effective interaction between each section of BSSE class.

Standard 4-3: Guidance on how to complete the program must be available to all students and access to qualified advising must be available to make course decisions and career choices.

Several steps have been taken to provide guidance to students by different ways such as:

- Students are informed about the program requirement through the director's office.
- Through the personal communication of the teachers with the students.
- Meetings are organized by the director of the institute for counseling for the students. In addition, students can also contact with the relevant teachers whenever they face any problem.
- Students can meet director of the institute whenever they feel need to meet on any serious issue.

Realizing the need for exploring job opportunities for the university graduates, Directorate of Placement Bureau has been established.

Table 10: Teacher to Student Ratio at UIIT

2012-14	2014-2016	2016-18	2018-20
1:35	1:33	1:30	1:30

CRITERION 5: PROCESS CONTROL

It includes students' admission, registration and faculty recruitment activities, which are dealt by various statutory bodies and the university administration.

Standard 5-1: The process by which students are admitted to the program must be based on quantitative and qualitative criteria and clearly documented. This process must be periodically evaluated to ensure that it is meeting its objectives.

- The process of admission is well established and is followed as per rules and criteria set by HEC. For this purpose, an advertisement is published in the national newspapers by the Registrar office.

- Admission criteria is to have passed the Intermediate Examination with at least second division or overall 45% Marks from a University recognized by the higher Education Commission (HEC), in Mathematics, Physics, Chemistry, Engineering, Computer Science, Commerce, Statistics, Economics, and Business Administration.
- Admission will be on open merit basis
- Admission criteria are revised every year before the announcement of admission.

Standard 5-2: The process by which students are registered in the program and monitoring of students progress to ensure timely completion of the program must be documented. This process must be periodically evaluated to ensure that it is meeting its objectives.

- The student name, after completion of the admission process, is forwarded to the Registrar office for proper registration in the specific program and the registration number is issued to the student.
- Registration is done for one time for each degree but evaluation is done through the result of each semester. Only those students, who fulfill the criteria of the University, are promoted to the next semester.

Standard 5-3: The process of recruiting and retaining highly qualified faculty members must be in place and clearly documented. Also processes and procedures for faculty evaluation, promotion must be consistent with institution mission statement. These processes must be periodically evaluated to ensure that it is meeting with its objectives.

- The recruitment policy followed by the University is the same as recommended by the HEC. Induction of all posts is done as per rule.
- Vacancies and newly created positions are advertised in the national newspapers, applications are received by the Registrar's office, scrutinized by the scrutiny committee, and call letters are issued to the shortlisted candidates on the basis of experience, qualification, publications and other qualities/activities as determined by the University.

- The candidates are interviewed by the University Selection Board, and Principal and alternate candidates are selected.
- Selection of candidates is approved by the Syndicate for issuing orders to join within a specified period.
- Induction of new candidates depends upon the number of approved vacancies.
- The standard set by HEC are followed.
- At present, no procedure exists for retaining highly qualified faculty members. However, the revised pay scale structure is quite attractive.
- HEC also supports the appointment of highly qualified members as foreign faculty Professors, National Professors and deports them to the concerned institutes of the University.

Standard 5-4: The process and procedures used to ensure that teaching and delivery of course material to the students emphasizes active learning and that course learning outcomes are met. The process must be periodically evaluated to ensure that it is meeting its objectives.

- To provide high quality teaching, Institute periodically revises the curriculum in views of field requirements, innovations and new technology.
- With the emergence of new fields, new courses are introduced and included in the curriculum.
- Students usually buy cheap Asian editions of technology books. These are also available in the University library, where documentation, copying and internet facilities are available.
- Notes are also prepared by the teachers and given to the students.
- Most of the lectures are supplemented by overheads, slides and pictures.
- All efforts are made that the courses and knowledge imparted meet the objectives and outcome. The progress is regularly reviewed at the staff meetings.

Standard 5-5: The process that ensures that graduates have completed the requirements of the program must be based on standards, effective and clearly documented procedures. This process must be periodically evaluated to ensure that it is meeting its objectives.

The controller of examinations announces the date regarding commencement of examination. After each semester, the controller's office notifies results of the students. The evaluation procedure consists of quizzes, mid and final examinations, practical, assignments, reports, oral and technical presentations. For BSSE, the minimum pass marks for each course is 40.

CRITERION 6: FACULTY

Standard 6-1: There must be enough full time faculty who are committed to the program to provide adequate coverage of the program areas/courses with continuity and stability. The interests and qualifications of all faculty members must be sufficient to teach all courses, plan, modify and update courses and curricula. All faculty members must have a level of competence that would normally be obtained through graduate work in the discipline. The majority of the faculty must hold a Ph.D. in the discipline.

In the following table we have mentioned the overall courses, sections and available faculty. The entire faculty is either MS or PhD. In addition to these permanent faculty members, we have also visiting faculty members.

Table 11: Courses and Faculty Detail

Program area of specialization	Courses in the area and average number of sections per year	Number of faculty members in each area	Number of faculty with PhD degree
Area1.	<i>Software Engineering</i>		
Area2.			
Area3.			
Area4.			
Total:	05 Courses, 1 Sections	06	01

Below is the detail of faculty members at UIIT for the BSSE program.

A. Full-time Faculty Information

Table 12: Full Time Faculty Members at UIIT

Full-time Faculty Size	Number of faculty members with		Full Professors	Associate Professors	Assistant Professors	Lecturers	Teaching Assistants/Fellows
	PhD	MS					
17	09	08	0	01	07	09	-

B. Part-time Faculty Information

Table 13: Part Time Faculty Members at UIIT

Part-time Faculty Size	Number of Part-Time Faculty Members with		Total Number of Courses Offered by the Institute	Number of Courses Taught by Part-Time Faculty per Year	Average Teaching Load per Part-Time Faculty Member
	PhD	MS			
(Fall-18)	11	86	300	245	1:2
(Spring-19)	10	74	251	191	1:1.58

The entire faculty members are hired on the basis of the degree offered by the institute. As there is no specialization offered in degree the student enrolled get similar degree. So there is no distribution of faculty in all programs with respect to specialization.

Standard 6-2: All faculty members must remain current in the discipline and sufficient time must be provided for scholarly activities and professional development. Also, effective programs for faculty development must be in place. Effective Programs for Faculty Development

- The faculty members are sent to the training for the available resources. Currently many faculty members are studying in Pakistan and abroad in MS and PhD level studies.
- The institute provides them study leave with pay and sometimes allowance where possible for the institute.
- Internet is available to all the faculty members. The faculties also have access to the digital library and limited access to some well-known journals.

- The institute provides support for attending conferences through HEC. There are certain policy matters which a faculty members need to follow in order to get a positive feedback from the institute for travel grants for the conference.
- The university provides a certain amount of innovative research ideas to the faculty members.

Standard 6-3: All faculty members should be motivated and have job satisfaction to excel in their profession.

The faculty members are not fully satisfied with the workload and the amount they get in the form of salary. Most of the faculty members are satisfied with the mix of research and teaching method. The faculty members are satisfied with the support they are getting from the administration regarding the research and teaching. The faculty members are satisfied with overall climate of the institute. Not all the faculty members are satisfied with the job security. Most of the faculty members are satisfied that the institution is utilizing their capabilities in the good way. The faculty should be encouraged to continue excelling through the career. A table of Results of faculty Survey is at next Page. (Table 10 Result of Faculty Survey)

Table 14: Result of Faculty Survey

Sr.No	Parameters	Dr. Ysir Hafeez	Saqib Majeed	Dr. Azeem Abbas	Dr. Mushhad Gillani	Mr. Saleem Iqbal	Mr. Asif Nawaz	Ms. Rubina Ghazal	Ms. Busra Kiani	Ms. Farkhanda Qamar	Ms. Sidra Tahir	Mr. Tariq Ali	Mr. Ehtsham Azhar	Sarfra z Bibi	Ms. Noureen Zafar
1	Your mix of research, teaching and community service	A	A	B	B	C	A	B	C	B	B	B	B	B	B
2	The intellectual stimulations of your work.	B	B	B	B	C	B	B	B	B	A	A	A	B	C
3	Type of teaching /research you currently do.	A	B	A	B	C	A	B	B	A	A	B	B	B	B
4	Your interaction with students.	B	A	A	B	B	A	B	B	B	B	A	A	B	B
5	Cooperation you receive form colleagues.	B	B	A	B	B	B	C	B	A	A	B	B	B	B
6	The mentoring available to you.	B	B	B	B	C	B	B	C	B	B	B	C	C	B

8	Providing clarity about the faculty promotion process.	C	A	C	C	A	C	D	C	D	D	D	D	D	C
9	Your prospects for advancement and progress through ranks.	C	A	C	C	B	B	C	B	B	B	B	B	C	D
10	Salary and compensation package.	B	B	B	C	C	C	B	B	D	D	E	E	D	D
11	Job security and stability at the department.	B	A	B	B	B	C	B	B	A	A	D	D	C	B
12	Amount of time you have for yourself and family.	C	B	C	B	D	B	B	B	B	B	D	D	D	B
13	The over all climate at the department.	B	B	B	B	C	B	B	B	B	C	B	B	B	B

14	Whether the department is utilizing your experience and knowledge	C	B	A	C	B	B	B	B	B	B	B	B	B	B
15	What are the best programs / facts currently available in your department that enhance you motivation and job satisfaction	The MS Program and BSCS Program	Administrative Support.	MS (CS), BS (CS)	MS and BSCS Program	–	-	NIL		NIL	NIL	NIL	NIL	NIL	NIL
16	Suggest programs/factors that could improve your motivation and job satisfaction?	It is better to offer new courses in the existing programs	NIL	More research oriented programs should be offered	NIL	Justified work load + Time for research + Better working environment	-	NIL	Different workshop related to IT should be organized.	NIL	NIL	NIL	NIL	NIL	NIL

CRITERION 7: INSTITUTIONAL FACILITIES

According to this criterion, the institution must have the infrastructure to support new trends in learning such as e-learning including digital publications, journals etc.

- The library must possess an up-to-date technical collection relevant to the program and must be adequately staffed with professional personnel. Insufficient library's technical collection of books. Recommended books and relevant journals of the programs are not available to the students.
- These aspects need to be strengthened in number and space.
- Classrooms must be adequately equipped and offices must be adequate to enable faculty to carry out their responsibilities.
- The standard wise description of this criterion is given below.

Standard 7-1: The institution must have the infrastructure to support new trends in learning such as e-learning.

The university faculty has access to e-library and internet which is very supportive of the faculty. But faculty facing certain problems like

- Repeatedly power failure during the labs
- Faculty don't have access to many well-known journals those are relevant to the field.

Standard 7-2: The library must possess an up-to-date technical collection relevant to the program and must be adequately staffed with professional personnel.

The University Central Library has very limited number of books, journals and periodicals. It's a small library in term of space and facilities with no catalogue systems. It does not meet the standards of a University Library. The institute has its own small library which has computer science related books. But this library also lacks the book related to the latest field and the field in which currently latest results are being conducted.

Standard 7-3: classrooms must be adequately equipped and offices must be adequate to enable faculty to carry out their responsibilities.

- The office environment is not comfortable to work at all during the summer.
- Classrooms have a limited size white board which ends after writing for a few minutes.
- Because of the fans, teacher keeps on speaking and voice don't reach ahead of 2nd or 3rd row in summer, so something should be done to replace fans with air condition.

CRITERION 8: INSTITUTIONAL SUPPORT

The university administration has been struggling hard to strengthen all the departments/institutes, upgrade them and establish new faculties and Institutes. The university is also trying to attract highly qualified faculty.

Standard 8-1: There must be sufficient support and financial resources to attract and retain high quality faculty and provide the means for them to maintain competence as teachers and scholars.

At present institute is having a very meager financial resource to maintain the present needs of the institute. Individual research grants for students and faculty are mainly supporting the institutional research activities. There is a dire need for increasing the financial resources allocated to the institute to establish an institutional library, laboratories and computer facilities.

Standard 8-2: There must be an adequate number of high quality graduate students, research assistants and Ph.D. students.

Below is the list of students in the BSSE program over past two years. UIIT is not accredited for a PhD Degree, therefore, Teaching Assistant positions are not available.

Table 15: Students Enrolled in BSSE in last two years

2018-19	2019-20
146	240

Standard 8-3: Financial resources must be provided to acquire and maintain library holdings, laboratories and computing facilities.

Following is the detail of the institution's budget for maintenance, library holdings, laboratories, computing facilities and faculty development.

Table 16: Financial Information about the institution and the Program

Total assets of the institution	PMAS-AAUR is a public sector University and UIIT is a constituent part of the university -- it is relatively hard to determine the exact value of its assets.				
Total endowment fund of the institution					
	2014-15	2015-16	2016-17	2017-18	2018-19
Yearly budget for the past five years	62022461	71557530 (Estimated)	54299318	62022461	142462772 (Estimated)
Institution's yearly budget for research and faculty development for the past five years 2	N/A	N/A	N/A	N/A	N/A
Institution's yearly budget for library 1	200,000	300,000	100,000	100,000	100,000
Institution's yearly budget for computing facilities	480,000	2,500,000	2450000	25,00,000	100,00,000

SUMMARY AND CONCLUSION

Total working capital of the department/school/college that offers the program					
	2011-12	2012-13	2013-14	2014-15	2015-16
Yearly budget of the department/school/college that offers the program	As Above				
Department/school/college's yearly budget for research and faculty development for the past five years					
Fee Structure	Regular Fee Rs. 28,500	Regular Fee Rs. 32,700	Regular Fee: Rs. 51,400	Regular Fee Rs. 60200	Regular Fee Rs. 60800
What are sources of income	Project of Most	Students fee and Govt. Grants			

The Self-Assessment Report (SAR) of the University Institute of Information Technology (UIIT), Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi for Degree Program Bachelors in Software Engineering (BSSE), introduced the institute and highlighted the significance of the said degree program. The programs' important features, objectives, outcomes and associated measures to assess those objectives, were each discussed in detail.

BSSE is a 4-year degree program aiming to provide a swift coverage of important Computer Science courses pertinent to the Bachelors level education. Therefore, selective courses are offered during the program, in accordance with the HEC requirements and international market trends, generally covering broader concepts and diverse topics at intermediate and advance levels. Moreover, the institute also includes some general courses in the curriculum of BSSE to enhance the oral and written communication skills of the students.

A detailed discussion of the assessment of the objectives of the BSSE degree program, based on specific criteria, was demonstrated in Table 1 along with the subsequent required actions.

The Alumni Survey showed the students' gratification towards this degree program. Along with, Employers Survey endorsed this degree program by illustrating the capabilities and professional performance in different aspects.

UIIT has a Full-Time Faculty Size of 22 but all the teachers are not involved with the BSSE degree program due to the comparatively small number of courses for this program. Professional training and availability of adequate research and academic facilities are provided to the faculty members according to the limited available resources. The evaluation of BSSE teaching faculty showed scores from 72% to 80%, while in Course evaluation; the teachers have scored from 70% to 85%.

Program Team Member:

Coordinator:	Dr. Yasir Hafeez	_____
Convener:	Dr. Ghulam Mustafa	_____
Members:	Dr. Rubina Ghazal	_____
	Dr. Asif Nawaz	_____
	Ms. Iram Rubab	_____

ANNEXURES

ANNEXURE I: EMPLOYER SURVEY

The results of Employer Survey in tabular form are given below:

		Excellent	Very Good	Good	Fair	Poor
I	Knowledge					
1	Math, Science, Humanities and professional discipline, (if applicable)	55%	24%	15%	3%	3%
2	Problem formulation and solving skills	50%	31%	6%	9%	3%
3	Collecting and analyzing appropriate data	49%	26%	17%	3%	6%
4	Ability to link theory to practice	37%	34%	17%	12%	0%
5	Ability to design a system component or process	45%	32%	9%	9%	5%
6	Computer knowledge	68%	9%	5%	9%	9%
II	Communication Skills					
1	Oral communication	36%	30%	18%	12%	3%
2	Report writing	39%	26%	17%	4%	13%
3	Presentation skills	39%	27%	17%	5%	12%
III	Interpersonal Skills					
1	Ability to work in teams.	49%	17%	31%	3%	0%
2	Leadership	32%	32%	21%	0%	14%
3	Independent thinking	37%	53%	11%	0%	0%
4	Motivation	42%	31%	12%	8%	8%
5	Reliability	42%	32%	0%	5%	21%
6	Appreciation of ethical values	48%	13%	16%	10%	13%
IV	Work Skills					
1	Time management skills	38%	50%	8%	4%	0%
2	Judgment	42%	27%	15%	12%	3%
3	Discipline	32%	44%	20%	4%	0%

ANNEXURE II: FACULTY RESUME

Name	Ms. Marya Iqbal
Personal	Lecturer University Institute of Information Technology PMAS-Arid Agriculture University, Rawalpindi - Pakistan
Experience	Lecturer May 2015 to-date University Institute of Information Technology PMAS-Arid Agriculture University – Rawalpindi - Pakistan
Honor and Awards	-
Memberships	-
Brief Statement of Research Interest	Software Engineering, Requirement Engineering
Publications	-

Name	Mr. Tariq Ali
Personal	Lecturer University Institute of Information Technology PMAS-Arid Agriculture University, Rawalpindi - Pakistan Mobile: +92-051-9290154
Experience	Lecturer July 2012 to-date University Institute of Information Technology PMAS-Arid Agri. University (AAUR) – Rawalpindi - Pakistan
Honor and Awards	.
Memberships	
Brief Statement of Research Interest	Document classification ,Semantic Computing, Machine Learning, Data Mining, Databases
Publications	1. Rehman, S. U., Ahmad, M., Nawaz, A., & Ali, T. (2020). An Efficient Approach for Vehicle Number Plate Recognition in Pakistan. The Open Artificial Intelligence Journal, 6(1). (ISI Indexed) 2. Ahmad, M., Qadir, M. A., Rahman, A., Zagrouba, R., Alhaidari, F., Ali, T., & Zahid, F. (2020). Enhanced query processing over semantic cache for cloud based relational databases. JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING. (IF=1.910) 3. Ali, T., Nawaz, A., & Sadia, H. A. (2019). Genetic Algorithm Based Feature Selection Technique for Electroencephalography Data. Applied Computer Systems, 24(2), 119-127. (ISI Indexed) 4. Nawaz, A., Awan, A. A., Ali, T., & Rana, M. R. R. (2019). Product's behaviour recommendations using free text: an aspect based sentiment analysis approach. Cluster Computing, 1-13. (IF 1.85) 5. Ali, T., & Asghar, S. (2019). Efficient label ordering for improving multi-label classifier chain accuracy. Journal of the National Science Foundation of Sri Lanka, 47(2). (IF=0.43) 6. Ali, T., & Asghar, S. (2018). Multi-label scientific document classification. Journal of Internet Technology, 19(6), 1707-1716. (IF=1.93)

Name	Dr. Muhammad Aqib
Personal	Assistant Professor Room 4, University Institute of Information Technology PMAS-Arid Agriculture University Rawalpindi Mobile: +92 333 096 0555
Experience	Assistant Professor Nov 2019 to Date University Institute of Information Technology PMAS-Arid Agriculture University Rawalpindi
Honor and Awards	• HEC Approve Supervisor • Awarded with full time PhD scholarship • Awarded with full time MS scholarship 4 Merit Scholarships during MCS
Memberships	
Brief Statement of Research Interest	Artificial Intelligence, Deep Learning, Machine Learning, Big Data, In-Memory Computing, HPC, Digital Agriculture, Smart Farming, Smart Cities
Publications	1. Aqib, M.; Mehmood, R.; Alzahrani, A.; Katib, I.; Albeshri, A.; Altowaijri, S.M. Smarter Traffic Prediction Using Big Data, In-Memory Computing, Deep Learning and GPUs. <i>Sensors</i> 2019, 19, 2206. 2. Aqib, M.; Mehmood, R.; Alzahrani, A.; Katib, I.; Albeshri, A.; Altowaijri, S.M. Rapid Transit Systems: Smarter Urban Planning Using Big Data, In-Memory Computing, Deep Learning, and GPUs. <i>Sustainability</i> 2019, 11, 2736. 3. Aqib, M., & Shaikh, R. A. (2018). A Tool for Access Control Policy Validation. <i>Journal of Internet Technology</i>, 19(1), 157-166. 4. Aqib M., Mehmood R., Alzahrani A., Katib I. (2020) A Smart Disaster Management System for Future Cities Using Deep Learning, GPUs, and In-Memory Computing. In: Mehmood R., See S., Katib I., Chlamtac I. (eds) <i>Smart Infrastructure and Applications. EAI/Springer Innovations in Communication and Computing</i>. Springer, Cham 5. Aqib M., Mehmood R., Alzahrani A., Katib I. (2020) In-Memory Deep Learning Computations on GPUs for Prediction of Road Traffic Incidents Using Big Data Fusion. In: Mehmood R., See S., Katib I., Chlamtac I. (eds) <i>Smart Infrastructure and Applications. EAI/Springer Innovations in Communication and Computing</i>. Springer, Cham

Name	Ms. Bushra Hamid
Personal	Cell No: 03325137197 Address-No p-1449, Ghazi Road Rawalpindi
Experience	Date:5-05-2009 Title: Lecturer Institution: PMAS,Arid Agriculture University, Rawalpindi
Honor and Awards	Merit scholarship in all semesters during Master's degree 2 nd Position in class in MCS
Memberships	N/A
Graduate Students	Years Degree Name 2010 PGD(IT) Abdul Raziq, Muzzamil Ahmed, M. Waris Bhatti
Undergraduate Students	2010 PGD(IT) Hanif-ur- Rehman, Noor rehman
Honor Students	2010 PGD(IT) Tassawar Hussain, M. Bashir Feroz, M. Asif
Research Interest	2010 PGD(IT) Adnan Mumtaz , Nasir Shehzad, Nazia Khaliq Software Requirement Engineering, Software Quality Engineering
Publications	

Name	Dr.Yaser Hafeez
Personal	Assistant Professor University Institute of Information Technology PMAS-Arid Agriculture University, Rawalpindi - Pakistan office: +92-051-9290154
Experience	10 years Total and working at UIIT since 2004 University Institute of Information Technology PMAS-Arid Agri. University (AAUR) – Rawalpindi - Pakistan
Honor and Awards	N/A
Memberships	N/A
Brief Statement of Research Interest	Topics of interest include, but are not limited to: Requirements engineering process definition, measurement, and improvement Requirements negotiation, prioritization, and domain ontology construction. Modeling of req., Req. management and traceability Requirements in market-driven, service-oriented, and product line environments Requirements for highly complex systems on a global scale Social, cultural, global, personal, and cognitive factors in requirements engineering Situational Method Engineering, Requirement Prioritization, Component Based System Using A.I. Techniques, Highly Configurable Systems, Learning Contents of knowledge Management, Agile Practices, Feature Modeling
Publications	1. M.A. Hamid, Y. Hafeez, B. Hamid, (2020)"Towards an Effective Approach for Architectural Knowledge Management Considering Global Software Development" International Journal of Grid and Utility Computing, Int. J. Grid and Utility Computing. 2. A. Ali, Y. Hafeez, S. Hussain & S. Yang (2020) "Role of Requirement Prioritization Technique to Improve the Quality of Highly-Configurable Systems" Journal: IEEE Access, Vol. 8, Issue: 1, PP: 27549-27573, (IF 4.09).

	3. T. Jabbar, Y. Hafeez & J. Javed "Use of Knowledge Management and SCRUM Techniques to increase the Reusability in Software Development" 13 th International Conference Mathematics, Actuarial, Computer Science & Statistics. 4. A. Sarwar, Y. Hafeez, et al. (2020) "Towards Taxonomical-Based Situational Model to Improve the Quality of Agile Distributed Teams" Journal: IEEE Access, Vol. 8, Issue: 1, PP: 6812-6826, (IF 4.09). 5. W. Haider, Y. Hafeez, & M. N. Rafi "Improving Requirement Prioritization and Traceability using Artificial Intelligence Technique for Global Software Development" 22nd IEEE International Multi Topic Conference 2019. 6. S. Ali, Y. Hafeez, et al. (2019) "Enhanced regression testing technique for agile software development and continuous integration strategies" Software Quality Journal, Springer (IF 2.14). 7. A.Z. Chohan, Y. Hafeez & A. Bibi, (2019) "Requirement-Based Feature Modeling in Software Product Line" Journal of Engineering and Applied Sciences. 8. S. Ali, M. Imran, Y. Hafeez, A. Salam," Improving Component Based Software Integration Testing Using Data Mining Technique" published in 2018 12th International Conference on Mathematics, Actuarial Science, Computer Science and Statistics. 9. G. Mustafa, M.A. Abbas, Y. Hafeez, S. Khan, & G-J Hwang (2018), "Effectiveness of ontology-based learning content generation for preschool cognitive skills learning". Interactive Learning Environments,(IF 1.60) 10. Y. Hafeez, S. Asghar & A. Hussain "A Taxonomy to Support Team Coordination in Global Software Engineering Environment" Journal of Computational and Theoretical Nanoscience, (IF: 1.34).

Name	Ms. Sarfraz Bibi
Personal	Lecturer University Institute of Information Technology PMAS-Arid Agriculture University, Rawalpindi - Pakistan Mobile: +92-0321-5515426
Experience	Lecturer July 2012 to- Present University Institute of Information Technology PMAS-Arid Agri. University (UAAR) – Rawalpindi - Pakistan
Honor and Awards	
Memberships	
Brief Statement of Research Interest	To accelerate my research in the area of Software Requirement Engineering, Business Process Re-engineering, Software Quality Engineering, Software System Design and Architecture, Software Project Management
Publications	Chohan, A. Z., Motla, Y. H., Bibi, S., & Bibi, A. (2019). Requirement-Based Feature Modeling in Software Product Line. <i>Pakistan Journal of Engineering and Applied Sciences</i> , 24. Riaz, F. M., Minhas, N. M., Bibi, S., & Ahmed, W. (2019, November). Classification of Social Media Users Based on Disagreement and Stance Analysis. In <i>International Conference on Intelligent Technologies and Applications</i> (pp. 309-321). Springer, Singapore.

Name	Mr. Asif Nawaz
Personal	Lecturer University Institute of Information Technology PMAS-AridAgricultureUniversity, Rawalpindi - Pakistan Mobile: +92-333-3690007
Experience	as Lecturer (Comp Sc.) at PMAS-Arid Agriculture University ,
Honor and Awards Research Interest	Social Media Analysis, Text Mining, Natural Language Processing (NLP), Prediction and Decision Support Systems
Memberships	
Brief Statement of Research Interest	Data Mining ,Social Media Analysis
Publications	1. M. R. R. Rana, A. Nawaz, J. Iqbal, A survey on sentiment classification algorithms, challenges and applications, Acta Universitatis Sapientiae, Informatica, 10, 1 (2018), 58-72.) 2. T. Ahmad, M. R. R. Rana, M. A. Akbar, A. Nawaz, "A Scalable Feature Extraction Technique for Social Media Analysis", International Journal ofComputer Science Engineering (IJCSE), 2018. 3. A. Nawaz, S. Asghar, M. R. R. Rana, Aspect based Construction of Software-Specific Words Similarity Database (Baltic Journal of modern computing) 4. A. Nawaz, S. Asghar, S. H. A. Naqvi, A Segregational Approach for Determining Aspect Sentiments in Social Media Analysis (Journal of Supercomputing)

Name	Mr. Ehtsham Azhar
Personal	Lecturer University Institute of Information Technology PMAS-Arid Agriculture University, Rawalpindi - Pakistan Mobile: +92-345-5379033
Experience	Lecturer July 2012 to-date University Institute of Information Technology PMAS-Arid Agri. University (AAUR) – Rawalpindi - Pakistan
Honor and Awards	
Memberships	
Brief Statement of Research Interest	Neural Network ,Computational fluid dynamics, Numerical Analysis
Publications	

Name	Mr. Saqib Majeed
Personal	Assistant Professor University Institute of Information Technology PMAS – Arid Agriculture University Rawalpindi, Pakistan Mobile: +92-333-6905241
Experience	- January 2004 to August 2016 Research Associate University Institute of Information Technology (UIIT) PMAS – Arid Agriculture University Rawalpindi, Pakistan . - August 2006 to June 2014 Lecturer University Institute of Information Technology PMAS – Arid Agriculture University Rawalpindi, Pakistan . - JUNE, 2014 to – date Assistant Professor UIIT, PMAS – Arid Agriculture University Rawalpindi, Pakistan Overall 12years experience of Teaching, Research, and Administration
Memberships	Technical program committee member of ICIS 2015-2016
Research Interest	Machine learning, Image retrieval, Natural language processing
Publications	

Name	Mr. Saif Ur Rehman
Personal	Assistant Professor University Institute of Information Technology PMAS-Arid Agriculture University, Rawalpindi - Pakistan Mobile: +92-051-9290154
Experience	Assistant Professor July 2011 to-date University Institute of Information Technology PMAS-Arid Agri. University (AAUR) – Rawalpindi - Pakistan
Honor and Awards	Gold Medalist In MCS 3rd Position in B.Sc
Memberships	
Research Interest	Artificial Intelligence Machine Learning Data Mining Graph Mining Social Network Analysis
Publications	1. Rehman, S. U., & Asghar, S. (2020). Online social network trend discovery using frequent subgraph mining. Social Network Analysis and Mining, 10(1), 1-13. HEC Recognized and Indexed In Thomson Reuters Master Journal List Impact Factor: 2.97 2. Saif Ur Rehman and Sohail Asghar, Online social network trend discovery using frequent subgraph mining , Social Network Analysis and Mining, Springer, August 2020. Thomson Reuters Master Journal List Impact Factor: 1.61. 3. Saif Ur Rehman and Sohail Asghar, A-RAFF: A Ranked Frequent Pattern-Growth Subgraph Pattern Discovery Approach, Journal of Internet Technology, March 2019 (Vol. 20, No. 2), Thomson Reuters Master Journal List Impact Factor: 1.31. 4. Saif Ur Rehman, Dr. Sohail Asghar and Simon Fong, An Efficient Ranking Scheme for Frequent Subgraph Patterns- Published In Proceedings of the 2018 10th International Conference on Machine Learning and Computing. 5. Saif Ur Rehman and Saba Jamil, An optimal feature selection method using a modified wrapper based Ant Colony Optimization, Journal of the National Science Foundation, Vol. 46 (2), 2018. Thomson Reuters Master Journal List Impact Factor: 0.419.

Name	Dr. Saleem Iqbal
Personal	Assistant Professor University Institute of Information Technology PMAS – Arid Agriculture University Rawalpindi, Pakistan Mobile: +92-333-6905241
Experience	Assistant Professor (Computer Science) Jan 2012 - Date PMAS-AAUR (University Institute of Information Technology), Rawalpindi Assistant Director (Information Technology) Oct 2007 - Jun 2012 Cabinet Division, Islamabad Visiting Faculty 2008 - 2011 Preston University, Islamabad Lecturer (Computer Science) 2003 - 2007 COMSATS, Islamabad
Honor and Awards	• Certificate of Excellence “ PhD Thesis” • Merit thesis Award “ For PhD thesis” • International Doctoral Fellowship “ One year” • Appreciation for participation in 1st Pak Knowledge Festival
Memberships	▪ Pervasive Computing Research Group, UTM, Malaysia Member ▪ Computer Science Teachers Association Individual Membership (CSTA Membership # 5166258) ▪ International Association of Engineers

	Individual Membership (IAENG membership # 100345) ▪ International Association of Computer Science and Information Technology Membership for collaborative interdisciplinary research ▪ National Testing Service Contributor for MCQs in Question Bank of NTS
Brief Statement of Research Interest	• Computer Communication & Networks • Network Security and Simulations
Publications	

Name	Ms. Sidra Tahir
Personal	Lecturer University Institute of Information Technology PMAS-Arid Agriculture University, Rawalpindi - Pakistan office: +92-051-9290154
Experience	1.5 years of teaching experience at UIIT since April 2015 as permanent faculty. Member of different committees at department. PMAS-Arid Agri. University (AAUR) – Rawalpindi - Pakistan
	4 years in Higher Education Commission, IT Division as Computer Programmer.
	03 years as Quality Assurance Engineer in different Multinational Companies.
Honor and Awards	N/A
Memberships	N/A
Brief Statement of Research Interest	Information Retrieval Systems, Digital Libraries. Information Seeking Behavior. Software Engineering Practices. Global Software Development. Quality Assurance. Machine Learning. Automation of Business Processes. Business Intelligence. Object Oriented Programming. Project Management
Publications	

Name	Dr. Saud Altaf
Personal	Assistant Director University Institute of Information Technology PMAS-Arid Agriculture University, Rawalpindi - Pakistan Cell no 03420654786
Experience	Software Developer (1.5 years) Assistant Director (2006-tilldate) University Institute of Information Technology PMAS-Arid Agriculture University, Rawalpindi - Pakistan
Honor and Awards	Scholarship in PhD
Memberships	IEEE
Brief Statement of Research Interest	WSN,AI • Wireless Sensor Network • Biomedical signal and image processing • Through-The- Wall Radar Imaging and sensing • Visible light communication • Energy Efficient Optimal Cluster Based Routing Protocol in Ad hoc Wireless Network • Artificial Intelligence related topics • Internet of things and multimedia-Enabled mobile-learning
Publications	

Name	Dr. Muhammad Azeem Abbas
Personal	Assistant Professor University Institute of Information Technology PMAS-Arid Agriculture University, Rawalpindi - Pakistan
Experience	
Honor and Awards	
Memberships	
Brief Statement of Research Interest	• Semantic Web • Artificial Intelligence • Social Computing • Educational Technologies
Publications	.

Name	Dr. Kashif Sattar
Personal	kashif@uaar.edu.pk Office 104, University Institute of IT, PMAS-Arid Agriculture University Rawalpindi. Contact: +92 300 5154327
Experience	❑ Lecturer in University Institute of Information Technology, PirMehr Ali Shah University Rawalpindi, Pakistan, from March 14, 2005 to date. ❑ Project Coordinator since 2016 to date. ❑ Worked as a Research Associate in Centre for Information Technology, PirMehr Ali Shah University Rawalpindi, Pakistan, from October 9, 2002 to March 13, 2005. ❑ Worked as Consultant Programmer in IRES (Innovative Research E-Solutions), Islamabad, Pakistan from September 01, 2001 to September 07, 2002.
Honor and Awards	❑ HEC Approved Supervisor ❑ Faculty Coordinator Aridian Array Software Society ❑ HEC-IRSIP scholarship for PhD research at UNSW, Sydney, Australia from Sep-Feb, 2015 ❑ Lab Incharge in Baltoros Lab, School of Electrical Engineering and Computer Science(SEECS), National University of Sciences & Technology(NUST), Islamabad, Pakistan, from December 01, 2009 to September 10, 2014. ❑ Guest Speaker for 2-Days Workshop on “Network Monitoring” at UNIMAS, Malaysia December, 2012. ❑ Project Incharge of PingER Pakistan project for HEC-PERN ❑ Junior Associate of The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy from December 1999 to December 2007. ❑ First prize winner in 1st software Exhibition in University of Agriculture, Faisalabad, Pakistan. ❑ Secured 2 Merit Scholarships during M.Sc. Computer Science. ❑ Secured 4 Merit Scholarships during B.Sc. ❑ Secured 2 Merit Scholarships during PITB Java Programme. Sun Certified Java Programmer
Memberships	• Junior Associate Member ICTP • IEEE Member • IAHS Member • PPingER Member • ICT-Ignite Focal Member

Brief Statement of Research Interest	▪ Routing, Topology Control and Channel Assignment in Multi-radio Multi-channel Wireless Mesh Networks. ▪ Topology Control and Channel Assignment in Cognitive Networks. ▪ Capacity optimization of Wireless Mesh Networks. ▪ Capacity optimization of WiMAX Networks. ▪ Escape Routing in PCBs ▪ Sensor Networks ▪ Network Security
Publications	

ANNEXURE III: FACULTY COURSE REVIEW REPORT

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-443	Title:	Data Structures and Algorithms		
Session:	2019	Semester:	Fall		
Credit Value:	4(3-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Mr. Saqib Majeed	No. of Students Contact Hours	Lectures (2 hours) Labs (2)	16 32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term Quizes=4 (10%) Assignments=4 (10%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	40	5	30	32.5	17.5		15		0	40
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Saqib Majeed Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	MTH-310	Title:	CALCULUS AND ANALYTICAL GEOMETRY		
Session:	2019	Semester:	Fall		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Mr. Ehtasham Azhar	No. of Students Contact Hours	Lectures (2 hours) Labs (2)	32 0	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term Quizzes=3 (10%) Assignments=3 (10%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	45	4.1	6.25	22.92	25		17		0	45
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Ehtasham Azhar Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	IS-302	Title:	ISLAMIC STUDIES		
Session:	2019	Semester:	Fall		
Credit Value:	2(2-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Mr. Farhad Ali	No. of Students Contact Hours	Lectures (2 hours) Labs (2)	32 0	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term Quizzes=4 (10%) Assignments=4 (10%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	45	15.69	35.29	33.33	0		5.8		0	45
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Fahad Ali Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-573	Title:	Operations Research		
Session:	2019	Semester:	Fall		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Ms. Hina Zahir	No. of Students Contact Hours	Lectures (2 hours) Labs (2)	32 0	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term Quizzes=3 (10%) Assignments=3 (10%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	44	19	21	6.8	2.2		0		0	44
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Hina Zahir Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	ENG-305	Title:	ENGLISH COMPREHENSION		
Session:	2019	Semester:	Fall		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Ms. Hira Masood	No. of Students Contact Hours	Lectures (2 hours) Labs (2)	32 0	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term Quizes=3 (10%) Assignments=3 (10%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	47	34.62	36.54	13.46	0		0		3	47
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Hira Masood Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	SE-540	Title:	Software Construction & Development		
Session:	2019	Semester:	Fall		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Ms. Iram Rubab	No. of Students Contact Hours	Lectures (2 hours) Labs (2)	32 0	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term Quizes=4 (10%) Assignments=4 (10%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	44	31.82	45.45	22.7	0		0		0	44
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Iram Rubab Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	MGT-411	Title:	INTRODUCTION TO MANAGEMENT		
Session:	2019	Semester:	Fall		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Mr. Kashif Mahmood	No. of Students Contact Hours	Lectures (2 hours) Labs (2)	32 0	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term Quizzes=4 (10%) Assignments=4 (10%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	43	34.88	62.79	2.3	0		0		0	43
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Kashif Mahmood Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-577	Title:	Computer Networks		
Session:	2019	Semester:	Fall		
Credit Value:	4(3-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Dr. Kashif Sattar	No. of Students Contact Hours	Lectures (2 hours) Labs (2)	16 32	
Assessment Methods:		Quizzes, Assignment, Mid Term, Final term			
Give precise details (no & length of assignments, exams weightings, etc.)		Quizes=4 (10%) Assignments=4 (10%)			

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	44	6.81	15.91	34.09	22.73		20.45		0	40
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Kashif Sattar Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-323	Title:	PROGRAMMING FUNDAMENTALS		
Session:	2019	Semester:	Fall		
Credit Value:	4(3-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Mr.Muhammad Asif Khan	No. of Students Contact Hours	Lectures (2 hours) Labs (2)	16 32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term Quizes=4 (10%) Assignments=4 (10%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	49	1.9	17.65	49.02	15.69		9.8		0	49
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. M. Asif Khan Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-685	Title:	HUMAN COMPUTER INTERACTION		
Session:	2019	Semester:	Fall		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Mr. Muhammad Usman Karim	No. of Students Contact Hours	Lectures (2 hours) Labs (2)	32 0	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term Quizes=4 (10%) Assignments=4 (10%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	42	33.33	50	16.67	0		0		0	42
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. M. Usman Karim Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	MGT-515	Title:	Introduction to Human Resource Management		
Session:	2019	Semester:	Fall		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Mr. Muhammad Zeeshan	No. of Students Contact Hours	Lectures (2 hours) Labs (2)	32 0	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term Quizzes=4 (10%) Assignments=4 (10%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	44	22.73	40.91	27.27	9.09		0		0	44
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. M. Zeeshan Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-432	Title:	MODERN PROGRAMING LANGUAGE		
Session:	2019	Semester:	Fall		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Mr. SAIF UR REHMAN	No. of Students Contact Hours	Lectures (2 hours) Labs (2)	32 0	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term Quizes=4 (10%) Assignments=4 (10%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	48	27.08	50	12.5	8.3		2.8		0	48
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Saif Ur Rehman Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	SE-454	Title:	Software Requirement Engineering		
Session:	2019	Semester:	Fall		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Ms. Sarfraz Bibi	No. of Students Contact Hours	Lectures (2 hours) Labs (2)	32 0	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term Quizzes=4 (10%) Assignments=4 (10%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	42	30.95	61.90	32.5	7.14		0		0	42
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Sarfarz Bibi Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-300	Title:	Introduction To Information & Communication Technologies		
Session:	2019	Semester:	Fall		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Mr. Saud Altaf	No. of Students Contact Hours	Lectures (2 hours) Labs (2)	32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term Quizzes=4 (10%) Assignments=4 (10%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	49	56.86	33.33	3.9	0		0		0	49
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Saud Altaf Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	MTH-435	Title:	LINEAR ALGEBRA		
Session:	2019	Semester:	Fall		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Mr. Zubair Ahmad Abbasi	No. of Students Contact Hours	Lectures (2 hours) Labs (2)	32 0	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term Quizzes=4 (10%) Assignments=4 (10%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	45	40	40	13.33	6.66		0		0	45
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Zubair Ahmad Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	SE-442	Title:	Formal Methods in Software Engineering		
Session:	2019	Semester:	Fall		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Mr. Shakeel Ahmad	No. of Students Contact Hours	Lectures (2 hours) Labs (2)	32 0	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term Quizes=4 (10%) Assignments=4 (10%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	44	38.64	47.73	9.09	4.5		0		0	44
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Shakeel Ahmad Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-685	Title:	HUMAN COMPUTER INTERACTION		
Session:	2020	Semester:	Spring		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Abida Bibi	No. of Students Contact Hours	Lectures (3 hours) Labs (2)	32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	42	47.62	45.24	2.381	2.381		2.381		0	42
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Abida Bibi Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	MTH-310	Title:	CALCULUS AND ANALYTICAL GEOMETRY		
Session:	2020	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Aleena Shahid	No. of Students Contact Hours	Lectures (3 hours)	32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	52	3.846	96.15	0	0		0		0	52
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Aleena Shahid Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-323	Title:	PROGRAMMING FUNDAMENTALS		
Session:	2020	Semester:	Spring		
Credit Value:	4(3-3)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Tariq Ali	No. of Students Contact Hours	Lectures (4 hours) Labs(3)	16 32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	51	47.06	50.98	1.961 %	0		0		0	51
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Tariq Ali Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-443	Title:	DATA STRUCTURE AND ALGORITHMS		
Session:	2020	Semester:	Spring		
Credit Value:	4(3-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Tariq Ali	No. of Students Contact Hours	Lectures (4 hours) Labs(3)	16 32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	40	17.5	70	10	2.5		0		0	40
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Tariq Ali Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-553	Title:	Objected Oriented Analysis & Design		
Session:	2020	Semester:	Spring		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Dr. Yaser Hafeez	No. of Students Contact Hours	Lectures (3 hours) Labs(2)	32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	41	34.15	39.02	24.39	2.43 9		0		0	41
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Dr. Yasir Hafeez Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	IS-302	Title:	ISLAMIC STUDIES		
Session:	2020	Semester:	Spring		
Credit Value:	2(2-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Faisal Majeed Awan	No. of Students Contact Hours	Lectures (2 hours)	32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	52	36.54	61.54	1.923	0		0		0	52
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Faisal Majeed Awan Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	MGT-411	Title:	INTRODUCTION TO MANAGEMENT		
Session:	2020	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Kashif Mahmood	No. of Students Contact Hours	Lectures (3hours)	32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	41	87.80	12.20	1.923	0		0		0	41
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Kashif Mehmood Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	MGT-515	Title:	introduction to Human Resource Management		
Session:	2020	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Kazim Salman	No. of Students Contact Hours	Lectures (3 hours)	32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	41	19.51	24.39	19.51	34.15		2.439 %		0	41
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Kazim Salman Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-300	Title:	Introduction To Information & Communication Technologies		
Session:	2020	Semester:	Spring		
Credit Value:	3(2-3)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Marya Iqbal	No. of Students Contact Hours	Lectures (3 hours) LABS(2 hours)	32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	50	60.78	39.22	0	0		0		0	50
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Marya Iqbal Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	SE-540	Title:	Software Construction & Development		
Session:	2020	Semester:	Spring		
Credit Value:	3(2-3)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Muhammad Azhar	No. of Students Contact Hours	Lectures (3 hours) LABS(2 hours	32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	41	14.63	43.90	14.63	24.39		2.439		0	41
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. M. Azhar Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	ENG-325	Title:	Communication & Presentation Skills		
Session:	2020	Semester:	Fall		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Aqsa Javed	No. of Students Contact Hours	Lectures (3 hours)	32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	43	9.302	76.74	6.977	2.326		4.651		0	43
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Aqsa Javed Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	MGT-351	Title:	INTRODUCTION TO MARKETING		
Session:	2020	Semester:	Fall		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Ali Raza	No. of Students Contact Hours	Lectures (3 hours) Labs (2)	32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	43	80.95	14.29	2.381	32.56		2.381		0	43
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Ali Raza Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-566	Title:	web Technologies		
Session:	2020	Semester:	Fall		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Dr. Muhammad Azeem Abbas	No. of Students Contact Hours	Lectures (3 hours) Labs (2)	32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	44	72.73	27.27	0	0		0		0	44
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Azeem Abbas Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-453	Title:	Software Engineering		
Session:	2020	Semester:	Fall		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Ghulam Mustafa	No. of Students Contact Hours	Lectures (3 hours)	32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	43	37.21	51.16	4.651	2.326		4.651		0	43
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Ghulam Mustafa Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-583	Title:	Operating System		
Session:	2020	Semester:	Fall		
Credit Value:	4(3-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Dr. Kashif Sattar	No. of Students Contact Hours	Lectures (4 hours) Labs (2)	16 32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	42	19.05	40.48	38.10	0		0		0	42
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Kashif Sattar Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-335	Title:	Programming Fundamentals		
Session:	2020	Semester:	Fall		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	syed Mushhad Gillani	No. of Students Contact Hours	Lectures (3 hours)	32	
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	43	74.42	20.93	2.326			2.326		0	43
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Mushhad Gillani Date _____
(Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-685	Title:	Programming Fundamentals		
Session:	2020	Semester:	Fall		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Ms. Bushra Hamid	No. of Students Contact Hours	Lectures (3 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	43	2.33	11.63	46.51	32.56		6.97		0	43
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Bushra Hamid Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-335	Title:	DISCRETE STRUCTURES		
Session:	2021	Semester:	Spring		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	ABDUL MOQEET	No. of Students Contact Hours	3(3-0)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	49	75.51	18.37	0	0		6.12 2		0	43
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Abdul Mugeet Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-432	Title:	MODERN PROGRAMING LANGUAGE		
Session:	2021	Semester:	Spring		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	ADREES AHMAD	No. of Students Contact Hours	3(2-2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	44	84.09	15.91	0	0		0		0	44
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Idrees Ahmad Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-693	Title:	mobile Application Development		
Session:	2021	Semester:	Spring		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Muhammad Azhar	No. of Students Contact Hours	3(2-2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	45	17.78	75.56	6.667	0		0		0	45
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. M. Azhar Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-400	Title:	Database Systems		
Session:	2021	Semester:	Spring		
Credit Value:	4(3-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Noureen Zafar	No. of Students Contact Hours	4(3-2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	42	57.14	38.10	2.381	0		2.381		0	42
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Noureen Zafar Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	SSH-307	Title:	Professional Practices		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Rubina Ghazal	No. of Students Contact Hours	3(3-0)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	45	22.22	44.44	33.33	0		0		0	42
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Rubina Ghazal Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	STT-500	Title:	STATISTICS AND PROBABILITY		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Sadaf Hamid	No. of Students Contact Hours	3(3-0)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	40	47.5	47.5	5	0		0		0	40
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Sadaf Hamid Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-453	Title:	Software Engineering		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Sadia Ali	No. of Students Contact Hours	3(3-0)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	49	12.24	65.31	14.29	0		0		0	49
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Sadia Ali Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	SE-440	Title:	Software Design & Architecture		
Session:	2021	Semester:	Spring		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Saeed Nawaz Khan	No. of Students Contact Hours	3(2-2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	40	12.5	82.5	5	0		0		0	40
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Saeed Nawaz Khan Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	SE-415	Title:	Software Re-Engineering		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Saeed Nawaz Khan	No. of Students Contact Hours	3(3-0)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	42	30.95	66.67	2.381	0		0		0	42
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Saeed Nawaz Khan Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-583	Title:	Operating System		
Session:	2021	Semester:	Spring		
Credit Value:	4(3-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Saleem Iqbal	No. of Students Contact Hours	4(3-2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	40	2.5	85	12.5	0		0		0	40
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Saleem Iqbal Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-423	Title:	Object Oriented Programming		
Session:	2021	Semester:	Spring		
Credit Value:	4(3-3)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Saqib Majeed	No. of Students Contact Hours	4(3-2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	53	0	86.79	13.21	0		0		0	53
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Saqib Majeed Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-497	Title:	Information Security		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Saud Altaf	No. of Students Contact Hours	3(3-0)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	45	60	37.78	2.222	0		0		0	45
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Saud Altaf Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	ENG-325	Title:	Communication & Presentation Skills		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Sehrish	No. of Students Contact Hours	3(3-0)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	49	0	73.47	26.53	0		0		0	49
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Sehrish Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-666	Title:	Web Engineering		
Session:	2021	Semester:	Spring		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Shakeel Ahmad	No. of Students Contact Hours	3(2-2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	45	44.44	53.33	2.222	0		0		0	45
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Shakeel Ahmad Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-566	Title:	Web Technologies		
Session:	2021	Semester:	Spring		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Shakeel Ahmad	No. of Students Contact Hours	3(2-2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	40	60	25	10	0		5		0	40
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Shakeel Ahmad Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	MGT-351	Title:	INTRODUCTION TO MARKETING		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Shakeel Ahmad	No. of Students Contact Hours	3(3-0)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	40	80	20	10	0		0		0	40
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Sheeza Naeem Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	ENG-325	Title:	Communication & Presentation Skills		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Sehrish	No. of Students Contact Hours	3(3-0)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	49	0	34.69	59.18	0		0		0	49
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Sehrish Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-699	Title:	Final Year Project-II		
Session:	2021	Semester:	Spring		
Credit Value:	4(0-08)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Sidra Tahir	No. of Students Contact Hours	4(0-08)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	3	100	0	0	0		0		0	3
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Sidra Tahir Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-335	Title:	DISCRETE STRUCTURES		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	ZAFFAR MEHMOOD	No. of Students Contact Hours	3(3-0)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	50	8	88	4	0		0		0	50
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Zaffar Mahmood Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	SE-542	Title:	Software Quality Engineering		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Iram Rubab	No. of Students Contact Hours	3(3-0)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	45	35.56	2.222	4	0		2.222		0	45
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Iram Rubab Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-453	Title:	Software Engineering		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Iram Rubab	No. of Students Contact Hours	3(3-0)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	51	27.45	72.55	0	0		0		0	51
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Iram Rubab Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	STT-500	Title:	STATISTICS AND PROBABILITY		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Asif Nawaz	No. of Students Contact Hours	Lectures (3 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	43	53.49	37.21	9.302	0		0		0	43
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Asif Nawaz Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-335	Title:	DISCRETE STRUCTURES		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Ehtasham Azhar	No. of Students Contact Hours	Lectures (3 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	52	1.923	76.92	19.23	0		1.923		0	52
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Ehtasham Azhar Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-453	Title:	Software Engineering		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Ghulam Mustafa	No. of Students Contact Hours	Lectures (3 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	42	7.143	40.48	47.62	0		4.762		0	42
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Ghulam Mustafa Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	SSH-307	Title:	Professional Practices		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Khadija Bibi	No. of Students Contact Hours	Lectures (3 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	42	19.51	24.39	51.22	0		4.878		0	42
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Khadija Bibi Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-693	Title:	Mobile Application Development		
Session:	2021	Semester:	Spring		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Muhammad Azhar	No. of Students Contact Hours	Lectures (3 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	41	36.59	43.90	19.51	0		4.878		0	41
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. M. Azhar Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-423	Title:	Object Oriented Programming		
Session:	2021	Semester:	Spring		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Muzaffar Iqbal	No. of Students Contact Hours	Lectures (3 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	49	8.163	55.10	36.73	0		4.878		0	49
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. :Muzaffar Iqbal Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-666	Title:	Web Engineering		
Session:	2021	Semester:	Spring		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Saba Un Nisa	No. of Students Contact Hours	Lectures (3 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	40	35	55	10	0		0		0	40
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Saba Un Nisa Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-566	Title:	Web Technologies		
Session:	2021	Semester:	Spring		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Saba Un Nisa	No. of Students Contact Hours	Lectures (3 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	43	32.56	41.86	23.26	0		2.326		0	43
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Saba un Nisa Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	SE-440	Title:	Software Design & Architecture		
Session:	2021	Semester:	Spring		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Saeed Nawaz Khan	No. of Students Contact Hours	Lectures (3 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	43	9.302	79.07	11.63	0		0		0	43
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Saeed Nawaz Khan Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-432	Title:	MODERN PROGRAMING LANGUAGE		
Session:	2021	Semester:	Spring		
Credit Value:	3(2-2)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	SAIF UR REHMAN	No. of Students Contact Hours	Lectures (3 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	32	15.63	81.25	3.125	0		0		0	32
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Sai fur Rehman Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-423	Title:	Object Oriented Programming		
Session:	2021	Semester:	Spring		
Credit Value:	4(3-3)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	SAIF UR REHMAN	No. of Students Contact Hours	Lectures (3 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	62	0	66.13	29.03	0		3.226		0	62
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Saqib Majeed Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-497	Title:	Information Security		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Saud Altaf	No. of Students Contact Hours	Lectures (3 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	41	58.54	41.46	0	0		0		0	41
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Saud Altaf Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	CS-583	Title:	Operating System		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Shafiq ur Rehman	No. of Students Contact Hours	Lectures (3 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	41	11.90	64.29	23.81	0		0		0	41
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Shafiq ur Rehman Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	SE-542	Title:	Software Quality Engineering		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Muhammad Shahid Riaz	No. of Students Contact Hours	Lectures (3 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	41	34.15	43.90	21.95	0		0		0	41
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. M. Shahid Riaz Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	MGT-351	Title:	INTRODUCTION TO MARKETING		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	TAJAMMAL ASIF	No. of Students Contact Hours	Lectures (3 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	42	38.10	59.52	2.381	0		0		0	42
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Mr. Tajammal Asif Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)

Performa 2

Faculty Course Review Report



(To be filed by each teacher at the time of Course Completion)

For completion by the course instructor and transmission to Head of Department of his/her nominee (Dept. Quality Officer) together with copies of the Course Syllabus outline

Department:	Computer Science		Faculty:	University Institute of Information Technology	
Course Code	ENG-325	Title:	Communication & Presentation Skills		
Session:	2021	Semester:	Spring		
Credit Value:	3(3-0)	Level:	BSSE	Prerequisites:	
Name Of Course Instructor:	Tehmina Munir	No. of Students Contact Hours	Lectures (3 hours) Labs (2)		
Assessment Methods: Give precise details (no & length of assignments, exams weightings, etc.)	Quizzes, Assignment, Mid Term, Final term, Projects, Labs Quizzes=4 (6.5%) Assignments=4 (6.5%)				

Distribution of Grade/ Marks and other Outcomes (adopt the grading system as required)

Undergraduate	Originally	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No Of Students	51	1.961	74.51	21.57	0		1.961		0	51
Post Graduate	Originally Registered	%Grade	%Grade	%Grade	D	E	F	No	Withdrawal	Total
		A	B	C				Grade		
No. of Students										

Overview /Evaluation (Course Co-Coordinator's Comments)

Feedback: first Summarize, then comment feedback received form:

(These boxes will expand as you type in your answer.)

1) Student (Course Evaluation) Questionnaires

2) External Examiners or Moderators (if any)

Nil

3) Student/Staff Consultative Committee (SSCC) or equivalent, (if any)

Nil

4) Curriculum: comments on the continuing appropriateness of the Course curriculum in relation to the intended learning outcomes (course objectives) and its compliance with the HEC Approved/Revised National Curriculum Guidelines. *The course curriculum is in accordance with HEC approved guidelines*

5) Assessment: comment on the continuing effectiveness of method(s) of assessment in relation to the intended learning outcomes (Course Objectives)

6) Enhancement: comment on the implementation of changes proposed in earlier Faculty Course Review Reports

7) Outline any changes in the future delivery or structure of the Course that this semester/term's experience may prompt.

Name: Ms. Tehmina Munir Date _____ (Course Instructor)

Name: Dr. Yasir Hafeez Date _____ (Director)