MAT 202E Numerical Methods, Spring 2013 Student Survey

1. This course may require pre-requisites, co-requisites or assumes that you acquired and digested the material covered in some of the courses as listed below so that you will not have a difficulty following and applying the material taught in this course as listed below. On a scale of 1 to 5 (1 being strongly disagree and 5 being strongly agree), evaluate these pre-requisites.							
	BIL 101 E	BIL 106 E	MAT 101	MAT 202			
Helped me understand fundamentals in MAT 202							
Could clearly relate the material in this class to MAT 202							
Overall, this course is a good building block for MAT 202							
2. List any prior courses, other than	the above, y	you found us	seful in unde	erstanding	the concepts in MAT 202.		
3 Evaluate the usefulness of course	material (1	heina the lea	ast useful a	nd 5 heina f	he most useful. Ω if not applicabl	e)	
Class notes/slides/reading assignments		soning the lot					
Use of internet sources (Ninova, course web pages and other related internet sites)							
Use of computers and software as a teaching aid to enhance the class material							
Homework problems and their solutions							
Quizzes and guiz solutions							
Midterms and their solutions							
Physical concepts used in explaining class	s material cl	earlv					
4. What additional background would have been useful in completing this course e.g., additional math courses, physical science							
courses, petroleum engineering courses, etc.)							
5. Teacher's Evaluation (on a scale of a	; 1 being in	alege	nd o being a	aimost aiwa	ys).		
Instructor showed high level of perior		ciass					
Instructor showed respect for students	ask question	s, to make co	omments, et	С.			
Instructor showed respect for students	ask question	s, to make co	omments, et	C.			
Instructor showed respect for students Instructor presented course content cl Instructor was timely returning graded	ask question s early material	s, to make co	omments, et	C.			
Instructor showed respect for students Instructor presented course content of Instructor was timely returning graded Instructor was accessible outside of co	ask question s early material ass	s, to make co	omments, et	С.			
Instructor showed respect for students Instructor presented course content cl Instructor was timely returning graded Instructor was accessible outside of cl Instructor was prepared for class	ask question early material ass	s, to make co	omments, et	C.			
Instructor showed respect for students Instructor presented course content cl Instructor was timely returning graded Instructor was accessible outside of cl Instructor was prepared for class Instructor's course plan was consister	ask question early material ass nt with course	s, to make co	omments, et	C.			

6. Student's Evaluation (on a scale of 5; 1 being infrequently and 5 being almost always).						
Student attended the class						
Student worked hard for this class						
Student prepared for this class						
Student found the course material to be interesting						
Student found the course material to be difficult						
7. What topics of this course are covered in prior courses?						
Topics	Yes / No	Which course				
Mathematical preliminaries						
Computer arithmetic and error propagation						
Solutions of equations in one variable						
Interpolation and polynomial approximation						
Numerical differentiation and integration						
Curve fitting by least squares approximation						
8. List any topics (listed in item 7 above) not covered in MAT 202						
9. Do you believe that the following overall course objectives/outcomes, as stated, are met in this course?						
Objectives/Outcomes		Yes / No				
Help students to determine and quantify the errors which are involved in numerical processes						
Provide a general and fundamental knowledge of numerical techniques which are used to solve the mathematical models						
Help students to estimate the unknown data by using interpolation and polynomial approximation						
Help students to produce an estimate of the derivative or integration of a mathematical function						
Provide knowledge of least squares approximation						
10. Evaluate at what level you have gained the following outcomes (1 being the least useful and 5 being the most useful).						
Understand physical/mathematical models and assumptions behind systems, components and processes						
Design experiments, systems, components and process						
Use software(Word,Excel,MathLab, etc.) for analyzing, interpreting and presenting data						
11. How would you get the contribution of this course in your everall extra low / att	rol goo ongineering					
education at ITU. Please just simply give a grade between 1 and 5 (1 being the least useful and 5 being the most useful).						

12. Please provide below further comments and suggestions, if any, that you may have about the course content, insructor, course assistant, etc.