352 MATH

Numerical Analysis 1

Class Times: SUN, TUE, THUR Class Location: A 109

10:00-10:50

Number of Credits: 4 Email: <u>balmohsen@ksu.edu.sa</u>

Instructor: Prof. Bandar Almohsen **Office:** Room 154, Building 04

Text Book:

Numerical Analysis, by Burden.

Grading Scheme:

| Project | 10 % |
|---------------|------|
| Midterm Exams | 40 % |
| Tutorial | 10 % |
| Final Exam | 40% |
| Total | 100% |
| | |

Attendance:

A student who fails to attend at least 75% of the assigned hours during the semester willbe prevented from entering the final exam.

Classroom Regulations:

Mobile phones should be switched off or silent during the lecture.

Hard copy lecture notes only are allowed.

Recording lectures is strictly not permitted.

Book: Numerical Analysis by Burden 9th edition

| Chapter | Section | Exercises |
|-------------------|---------|---------------------|
| 1 | 1.2 | 1,2,3,4,10 |
| | 1.3 | 6,13 |
| 2 | 2.1 | 1,3,4,5,10,12,16,17 |
| | 2.2 | 1,2,3,4,5,11,13 |
| | 2.3 | 1,2,3,4,5,6,14,18 |
| | 2.4 | 1,3,6,10 |
| 3 | 3.1 | 1,5,10,13 |
| | 3.3 | 1,3,9,10,17 |
| 4 | 4.1 | 1,5,7,9,13,20 |
| | 4.3 | 1,3,5,13,17,19,21 |
| | 4.4 | 1,5,8,9,11 |
| 6.1 6.2 6.5 | | 1,5,9 |
| | 6.2 | 1,5,7,9 |
| | 6.5 | 1,5,7 |
| 7 | 7.1 | 1,2(a,b),3,4,5 |
| | 7.2 | 1,5,7,11,14 |
| | 7.3 | 1,3,5,7,14 |