



## SYLLABUS

Course Code	Course Num.	Course Name	Credit Hours	Lec.	Lab.	Tut.	Private study	Pre-requisites	Course Level	Teaching Language
MAT	485	Selected Course (3)	4	2	1	2	5	Course dependent	8 <sup>1</sup>	English

### A. Course Description

The selected topics course will be described before the course delivery and the approbation of department.

### B. Course Outcomes

At the end of this course the student will be able to be familiar with different special topics of interest, which are carefully, selected from advanced Applied Mathematics topics which may be changed from semester to semester.

### C. References:

#### Required Textbook

Course dependent.

#### Other references:

Course dependent.

### D. Topics Outline

This course is structured as an ordinary course at bachelor level and it has specific prerequisites and examination procedures. (Subject of a suggestion of the instructor and approbation of the department council).

### E. Office Hours

Office hours give students the opportunity to ask in-depth questions and to explore points of confusion or interest that cannot be fully addressed in class.

### F. Exams & Grading System

The semi-official dates of the exams for this course are:

- **Midterm 1:** 6<sup>th</sup> or 7<sup>th</sup> week.

<sup>1</sup> For the B.Sc. in Applied Mathematics.



- **Midterm 2:** 11<sup>th</sup> or 12<sup>th</sup> week.
- **Quizzes & Homeworks:** During the semester.
- **Final Exam:** 16<sup>th</sup> week.

Your course grade will be based on your semester work as follows:

<b>Midterm 1:</b> 20 %	<b>Midterm 2:</b> 20 %	<b>Final Exam:</b> 40 %
<b>2 Quizzes, 2 Homeworks, 1 Lab exam, Attendance &amp; Participation:</b> 20 %		

The grading distribution:

A <sup>+</sup>	A	B <sup>+</sup>	B	C <sup>+</sup>	C	D <sup>+</sup>	D	F
[95, 100]	[90, 95]	[85, 90]	[80, 85]	[75, 80]	[70, 75]	[65, 70]	[60, 65]	[0, 60]

### G. Student Workload:

#	Teaching/learning activities	Contact Hours	Frequency	Total Contact hours	Self-study hours	Total self-study hours	Student Learning Time
1	Lecture	2	15	30	1	15	45
2	Tutorial	2	15	30	1	15	45
3	Lab\Practical	1	15	15	1	15	30
4	Homework	0	2	0	0.5	7.5	7.5
5	Quiz	0.25	2	0.5	1	2	2.5
6	Test (Midterm)	1.5	2	3	6	12	15
7	Final Exam	2	1	2	12	12	14
Total				<b>80.5</b>		<b>78.5</b>	<b>159</b>

Independent self-study =  $78.5/15 \cong 5$  hrs per week

### H. Student Attendance/Absence

Only three situations will be considered as possible excused absences:

- Occurrence of a birth or death in the immediate family will be excused. (“Immediate family” is defined by the University as spouse, grandparents, parents, brother, or sister).
- Severe illness in which a student is under the care of a doctor and physically unable to attend class will be excused. Students are not excused for a doctor's appointment. Do not make



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appointments that conflict with rehearsals. Notes from the University Health Center will be accepted.

**[Executive Rules for Study Regulations and Exams](https://goo.gl/ykm7t3)**

**[goo.gl/ykm7t3](https://goo.gl/ykm7t3)**

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