

# Engineering Undergraduate Program

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## Hints on how to get good grades :

- Come to lectures (with some preparation)
- Ask questions in class if you don't understand
- Solve as many problems as you can
- Come and see me if you have problems
- Do your homework on time
- Always prepare for class test
- Sit for your mid term examination and end semester exams
- Minimize memorizing, maximize understanding

## Secondary School/Matriculation to University transitions

### Secondary school /Matriculation

Read books – do problems – answers are in the books - memorizing

Understand the lectures in real-time – review is in the form of doing exercises and getting the correct answers

Classes are normally small – Teacher memorized students' names – teacher taught and you listened

### University

Read and **understand the concepts** – **apply** the concepts to new problems – its not just memorizing

**Don't expect** to understand the lectures in real-time – review lecture notes **within 24** – take notes – understand the previous lectures before attending the new ones – be an active listener

Larger classes – need to pay **more** attention – get involve in discussion – don't make your own conclusion, **ask** the corresponding faculty

## Secondary School/Matriculation to University transitions

### Secondary school /Matriculation

5 days a week – 6 hours a day, a total of 30 hours per week. Homework 1.5 hours per day = 7.5 hours per week. Total commitment required = **37.5 hours per week** . Somebody will monitor your time management.

### University

14 credits. This require  $14 \times 3 = 42$  hours per week outside class. Total commitment required = **56 hours per week** . Nobody will force you to study; you have to manage your time. You are in control of your own learning.