

# ENGINEERING PLACEMENT TEST FAQ SHEET

---



UNIVERSITY  
OF WOLLONGONG  
IN DUBAI

## What is an Engineering Placement Test?

Engineering Placements Tests are available on the first semester for students enrolling for the Bachelors of Engineering (all majors) program. The tests would assess the student's fundamental understanding in Mathematics, Statistics and Physics which is highly essential for students enrolling within the Engineering Program.

## Which subjects are the tests available for?

The placements tests are available in Engineering Mathematics/Statistics and Engineering Physics

## Where can I find the date and time of the Engineering Placement Test?

Subject	Date	Time	Location
MATH Engineering Placement test	Saturday – 14 <sup>th</sup> September 2019	9am to 11am	KV5-126
PHYS Engineering Placement test	Saturday – 14 <sup>th</sup> September 2019	12pm to 2pm	KV5-126

## Am I eligible for the Engineering Placement Tests?

All students enrolling in the Bachelors of Engineering Program need to complete the placement tests in their first semester except for transfer students.

## Where do I register?

All Engineering students can register by filling up the Placement Test Application form available with the Student Recruitment Officer. Please note that there is no payment/fee for the Placement tests.

## What is the last date for to register for the Engineering Placement Test?

The last date to register for the tests is Orientation and Enrolment Day.

## Where can I find the Syllabus for the Engineering Placement Tests?

Hard copies of the syllabus can be obtained from the Student Recruitment Department or the Faculty Office in Block 15 –3<sup>rd</sup> Floor - Office – 319.

## What is the format of the Placement tests?

Placements tests are online MCQ questions involving problem solving. Students can visit the faculty office – Room 319 – Block 15 to collect a copy of the review sheet for the tests.

# ENGINEERING PLACEMENT TEST FAQ SHEET

---



UNIVERSITY  
OF WOLLONGONG  
IN DUBAI

## What is the passing requirement for the Placement test?

A minimum of 60% must be scored by the student to pass the Engineering Placement Test.

## What happens if I get 60% and above in the test?

Student would be allowed to continue with MATH141 and ENGG102 subjects on their first semester which are first year Mathematical and Physics related subjects in the BE Program. Students who don't pass the tests successfully would be recommended by the academic advisor to enrol in Foundation Program subjects which would help them strengthen their fundamentals further in the Engineering Program.

**\*\* Please note that Foundation Program subjects are additional subjects which aren't a part of the BE Program but must be completed by students wherein recommended by the academic advisor.**

## How will I be notified about my result?

You will receive a SOLSmail and SMS on your registered mobile number. The results will also be displayed on the noticeboard at the Faculty office, Block 15 – 3rd floor – Office 319.

## Do I need a calculator for Engineering Placement test?

Yes. Students are allowed to bring in calculators for the Placement test. Please meet with the Registrar's Desk before the tests to have your calculators approved.

## Whom do I contact for any academic inquiries regarding the Challenge test at university?

Yes. Student drop an email on [FacultyOffice@uowdubai.ac.ae](mailto:FacultyOffice@uowdubai.ac.ae) or visit the FEIS office – Block 15- 3<sup>rd</sup> Floor - 319

## ENGINEERING MATHEMATICS and STATISTICS SYLLABUS

- College algebra basics
- Linear Equations
- Quadratic Equations
- Logarithms
- Derivations
- Integration
- Probability basic concepts (counting, combinations...)
- Statistics basic concepts and measures (normal distributions...)

# ENGINEERING PLACEMENT TEST FAQ SHEET

---



UNIVERSITY  
OF WOLLONGONG  
IN DUBAI

## ENGINEERING PHYSICS SYLLABUS

- Physics and measurements: Standards of Length, Mass and Time, Density and atomic mass, Conversion of Units, etc.
- Motion in One Dimension: Displacement, velocity and speed, instantaneous velocity, Acceleration, Freely Falling Objects, etc.
- Motion in Two Dimensions: Displacement, velocity and accelerations vectors, Projectile Motion, etc.
- Forces and Motion: Gravity, spring, Tension, Friction, Newton's law, etc.
- Oscillation: Spring and pendulum
- Fundamentals of circuits

***Reference textbooks for the Engineering Maths/Statistics and Engineering Physics are available at Library in Block 14.***