



# DEPARTMENT OF MECHANICAL ENGINEERING

Mechanical engineers are the second most necessary professionals in the world after medical staff. The department provides tailored education and knowledge necessary for the employment, so upon graduation, a national qualification with high employment points is awarded.

**National  
Qualification with  
High Employment**

## Year 1

- Mathematics and Practice I · II
- General Physics                      • General Chemistry
- Drafting and 3D Modeling
- CAD Practice
- Creative Engineering Design
- Python programming, etc.

## Year 2

- Industrial Mathematics
- C language basics                      • MATLAB
- Solid Mechanics
- Applied Solid Mechanics
- Thermodynamics
- Energy System Engineering, etc

## Year 3

- Programming Application and Practice
- Macro Programming                      • Numerical Analysis
- Experimental Statistics
- Mechanical Element Design
- Computational Structure Analysis
- PLC Application Design and Experiment, etc

## Year 4

- Reliability Engineering
- Capstone Design
- Automotive Engineering Practice
- Air Conditioning and Refrigeration Facilities
- Computational Heat Flow Analysis
- Robotics Mart Factory, etc.

**No Highschool Result Requirement  
(SPM/UEC)**

**UP TO 100% SCHOLARSHIP**

## Regular Course (Korean Won)

Classification	Admission fee	Tuition fee	Insurance
Spring	100,000 (New Applicant Only)	1,300,000	90,000 (New Applicant Only)
Summer		1,300,000	
Fall		1,300,000	
Winter		1,300,000	
<b>Total</b>	<b>100,000</b>	<b>5,200,000</b>	<b>90,000</b>

## Dormitory Fee

**804,600 won / semester**  
(11 meals per week Included)

- New students are required to stay in the dormitory for 3 months.
- Dormitory fees (management fees) are subject to change
- During vacation time, an additional fee is charged.

- All foreign students are mandatory to apply for an insurance for traveler
- From 6 months after entering Korea, it will be converted to the National Health Insurance
- Travel Insurance Fee: 90,000 won for 7 months
- National Health Insurance Fee: 50,000 won per month
- Textbook Expenses: Approximately 50,000 won for each Beginner/Middle/Advanced textbook

**SUN MOON**  
KOREAN LANGUAGE  
INSTITUTE

## Scholarship

Category	Those Applicable for Scholarship	Type of Scholarship	
Freshmen	Applicant paying for their own expenses + Applying with a qualified Korean language test OR qualified English proficiency test score (TOEFL - CBT 210/IBT 80, IELTS 5.5, TEPS 550 points)	TOPIK 3	50% Tuition Fee
		TOPIK 4	55% Tuition Fee
		TOPIK 5&6	60% Tuition Fee
		English Qualification	50% Tuition Fee
		Sun Moon Korean Test	40% Tuition Fee
Enrolled Students	<ul style="list-style-type: none"> <li>• Scholarships based on the average grade of the previous semester</li> <li>• Completed Units</li> <li>• 1st year 2nd semester: completed 12 units or more from the previous semester</li> <li>• 2nd-3rd years: completed 15 units and above from the previous semester (applicable from 2015)</li> <li>• 4th year: completed 12 units or more from the previous semester</li> </ul>	Grade	Tuition Fee Deduction
		4.2 - 4.5	100%
		4.0 - 4.2	80%
		3.6 - 4.0	60%
		3.0 - 3.6	50%
		2.5 - 3.0	40%
		2.0 - 2.5	30%
		0 - 2.0	0%

**College of Engineering**

**8,244,000**  
**Won / year**

Admission Fee: 40,000 won

Scan to know more

