



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**

SMU Korean Language Institute

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	
Total	100,000	5,200,000	90,000

- All international students are required to have travel insurance.
- After 6 months from the date of entry, it will be converted to the National Health Insurance.
- Travel insurance premium: 90,000 KRW for 7 months
- National Health Insurance premium: approximately 50,000 KRW per month
- Textbook fees: approximately 50,000 KRW per level (beginner/intermediate/advanced)

SMU Dormitory Fee / sem (2 pax room)

<p>Korean Language Institute (Mandatory for 1st 3 months)</p> <p>982,900 won (9 meals per week Included)</p>	<p>Undergraduate (Optional)</p> <p>900,000 won</p>
--	--

Scholarship

Category	Those Applicable for Scholarship	Tuition Fee Deduction	
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 6	100%
		TOPIK 5	80%
		TOPIK 4	55%
		TOPIK 3	50%
		English Qualification	50%
		Sun Moon Korean Test	40%
Enrolled Students	<ul style="list-style-type: none"> • Scholarships based on the average grade of the previous semester • Completed Units • 1st year 2nd semester: completed 12 units or more from the previous semester • 2nd-3rd years: completed 15 units and above from the previous semester (applicable from 2015) • 4th year: completed 12 units or more from the previous semester 	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 Specialized Industry Convergence

8,243,000 won per year

Admission Fee: 60,000 won

Scan to know more

