



# DEPARTMENT OF ADVANCED AUTOMOTIVE ENGINEERING

The only department selected in the ChungNam province as a consortium in the field of future automobiles (Sharing Innovative Project). In addition, the department has established an optimal educational platform specialized in the future, oriented automobiles fields. Graduates in this field can fully be employed in Eco-friendly automobile industries.

**Mobility Shows**  
**Industrial Tours**  
**Design & Make Own**  
**Electric Vehicles**

## Year 1

- Future Automobile Revolution
- Automotive Engineering
- Python Programming
- Convergence Basic Electric and Electronic
- Convergence Basic Dynamics
- Auto CAD, etc.
- Digital logic circuit

## Year 2

- Introduction to Eco-friendly Automobile Engineering
- Microprocessor
- Object-oriented Programming
- Autonomous Vehicle
- Automobile Electric Module
- Automobile Engine
- Car 3D design

## Year 3

- Automatic Control Electronic Circuit
- Mobility System
- Auto Parts Element Design
- Vehicle Dynamics
- Automotive Solid Mechanics
- Vehicle data analysis, etc.
- Electric Circuit Theory

## Year 4

- Eco-friendly Vehicle Structure Practice
- Autonomous Vehicle Echnology
- Mobility Motor Control
- V2X communication
- Autonomous Vehicle Production
- Autonomous Driving V2X, etc.
- Autonomous Driving
- Automobile design

**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	
<b>Total</b>	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)

**Korean Language Institute**  
(Mandatory for 1st 3 months)  
**982,900 won**  
(9 meals per week Included)

**Undergraduate**  
(Optional)  
**900,000 won**

## 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"> <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 Specialized Industry Convergence**

**8,243,000 won**  
per year

Admission Fee: 60,000 won

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