

TRANSPORTATION ENGINEERING, POST- BACCALAUREATE CERTIFICATE

Specific Admission Requirements

Any person with a bachelor degree or who is registered in a 3+2 program can enroll in the program as long as they fulfill the prerequisites of the certificate's courses.

Student Learning Outcomes

1. Understand the theory, operation, safety, and future aspects of at least one transportation system at an advanced level.
2. Design a few components in at least one transportation area at an advanced level.
3. Demonstrate a desire for and ability to acquire and apply new knowledge through effective lifelong learning strategies.

Outcomes Assessment Activities

- Students will be assessed and evaluated with various activities such as critical thinking assignments, homework, class exams, semester assignments, final exams, etc.

Specific Program Requirements

Course	Title	Credits
Select 9 credits from the following:		9
CE 507	Cyber Security for Civil Infrastructures	3
TENG 505	Multimodal Transportation Systems	3
TENG 510	Transportation Economy & Finance	3
TENG 530	Traffic Engineering	3
TENG 532	Pavement Engineering	3
TENG 540	Railway Transportation	3
TENG 560	Hydrogen Fuel	3
Total Credits		9

Specific Graduation Requirements

The completion of 9 credit hours with a minimum GPA of 3.0.