



# **CERTIFICATE OF MINOR MODULE COMPLETION** **INFORMATION AND COMMUNICATION ENGINEERING**

**Earn Certificate by completing 15 credits**

**(INTERNATIONAL PROGRAM)**

## **Compulsory Course: (9 credits):**

**(Take 3 courses from the following)**

- 2143101 Introduction to ICE
- 2182371 Principles of Data Communication
- 2190101 Computer Programming
- 2190103 Advanced Computer Programming  
(Prereq: 2190101)

**If 2190101 is a compulsory course in your major,  
you must take 2190103 instead.**

## **Approved Elective Course (3 credits):**

**(Take 1 course from the following)**

- 2190103 Advanced Computer Programming  
(Prereq: 2190101)
- 2190222 Fundamental Data Structure and Algorithm  
(Prereq: 2190101)
- 2190472 Netcentric Architecture  
(Prereq: 2190101)
- 2190516\* Technology Management

\* Open in Academic Year 2026

## **Elective Course (3 Credits):**

**(From the following list) [Click Here](#) -----> or**

Course List



# **APPLY NOW!**

**UNTIL JULY 30, 2025**

**ONLY 10 SEATS AVAILABLE**

**SUBMIT APPLICATION**

**[CLICK HERE](#) or scan**



## **QUALIFICATIONS**

- Students in International engineering programs (ADME, AERO, ROBOTICS AI, NANO, SEMI, ChPE)
- Second year or above
- Minimum GPAX of **3.25**
- Must submit **study plan**
- Selection **based on the order** of submission of completed application

