

Bachelor of Engineering in Electronic & Computer Engineering

Course Short Code

ECEI

Course Year

4

Course Offering: 01

[Print PDF](#)

****** IMPORTANT MESSAGE ******

The purpose of this information sheet is to allow you view all modules connected to the Qualification, optional and core.

You should print this sheet out and then continue to the next step where your registration will take place.

It is your responsibility to ensure that you register correctly.

Students must complete all modules for their major

Advanced Data Networks

Year Long

EE5002A	RD&I Training & Project Planning	7.5 Credits
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Semester 1

EE402	OOP with Embedded Systems	7.5 Credits
EE452	Wireless/Mobile Communications	7.5 Credits
EE458	Control Systems Analysis	5 Credits
EE496	Computer Architecture & HDL	5 Credits

Semester 2

EE401	DSP-Digital Filters & DFT	5 Credits
EE417	Web Application Development	7.5 Credits
EE454	Optical Communications	7.5 Credits
EE470	Introduction to Engineering Management	7.5 Credits

IoT (Internet of Things)

Year Long

EE5002A	RD&I Training & Project Planning	7.5 Credits
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Semester 1

EE402	OOP with Embedded Systems	7.5 Credits
EE452	Wireless/Mobile Communications	7.5 Credits
EE458	Control Systems Analysis	5 Credits
EE496	Computer Architecture & HDL	5 Credits

Semester 2

EE401	DSP-Digital Filters & DFT	5 Credits
EE417	Web Application Development	7.5 Credits
EE445	Bioelectronics	7.5 Credits
EE470	Introduction to Engineering Management	7.5 Credits

Digital Interaction

Year Long

EE5002A	RD&I Training & Project Planning	7.5 Credits
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Semester 1

EE402	OOP with Embedded Systems	7.5 Credits
EE452	Wireless/Mobile Communications	7.5 Credits
EE458	Control Systems Analysis	5 Credits
EE496	Computer Architecture & HDL	5 Credits

Semester 2

EE401	DSP-Digital Filters & DFT	5 Credits
EE417	Web Application Development	7.5 Credits
EE497	3D Interface Technologies	7.5 Credits
EE470	Introduction to Engineering Management	7.5 Credits

Nanotechnology and Photonics

Year Long

EE5002A	RD&I Training & Project Planning	7.5 Credits
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Semester 1

EE402	OOP with Embedded Systems	7.5 Credits
EE419	Power Electronics	5 Credits
EE458	Control Systems Analysis	5 Credits
EE463	Solid State Electr. & Semiconductor	7.5 Credits

Semester 2

EE401	DSP-Digital Filters & DFT	5 Credits
EE454	Optical Communications System Design	7.5 Credits
EE459	Mechatronic System Simulation & Control	7.5 Credits
EE470	Introduction to Engineering Management	7.5 Credits

Last updated: 6th June 2023