



Course

# Digital and Embedded Systems Design

ELEC4601 | 6 Units of Credit

## Overview

Topics include; introduction to custom digital processors including DSP hardware, high-speed digital design techniques, modern chip design methodologies, hardware and software co-design, advanced programming paradigms including state machines and concurrent processes, real-time programming and operating systems.

**Faculty**

Faculty of Engineering

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**School**

School of Electrical Engineering & Telecommunications

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**Study Level**

Postgraduate

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**Delivery Mode**

Fully on-site

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**Indicative contact hours**

7

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**Timetable**

[Visit timetable website for details](#)

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## **Course Outline**

To access course outline, please visit:

[ELEC4601 Course Outline](#)

## **Pre-2019 Handbook Editions**

Access past handbook editions (2018 and prior)

[Pre-2019 Handbook Editions](#)

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Authorised by Deputy Vice-Chancellor (Academic)

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