

Department of Electrical and Computer Engineering

MUST READ

Major Curriculum Change: Effective Summer 2024

- There are major changes to the curriculum of the electrical and computer engineering department effective summer 2024. The changes include:
 1. Change of course codes for some courses
 2. Change of course names for some courses
 3. Movement of some courses from one semester to another semester
 4. Movement of some courses from one year to another year
 5. Removal of some courses
 6. Replacement of some courses
- The change affects the students of Fall 2023 and Winter 2024 intakes.
 - Students who enrolled in Fall 2023 need to follow the document Fall Intake Course List-Course Sequence A
 - Students who enrolled in Winter 2024 need to follow the document Winter Intake Course List-Course Sequence B
- Tables 1-6 summarizes the changes:

Table 1. Change of Course Codes

Course name	Previous code	New code
Computer Aided Analysis	ELEC-2110	ELEC-3010
Physical Electronics	ELEC-2250	ELEC-3030
Embedded System Design	ELEC-4430	ELEC-3040

Table 2. Change of Course Name

Course code	Previous name	New name
ELEC-2170	Digital Logic Design I	Digital Logic Design
ELEC-2200	Circuit Analysis	Circuit Analysis II
GENG-2220	Engineering Treatment of Experimental Data	Engineering Probability & Statistics

Table 3. Semester Change

Course name	Previous Term	New term
Computer Aided Analysis	Fall	Summer
Embedded System Design	Winter	Summer
ELEC-3270: Microprocessors	Summer	Fall

Table 4. Year Change

Course name	Previous year	New year
Embedded System Design	4th year	3rd year

Table 5. List of removed Courses

	Previous term	Current
GENG-2500: Engineering and the Environment	Summer	Removed

Table 6. List of Replacement Courses

Previous	Current
<p>GENG-1180: Engineering and the Profession</p> <p>Note: If the students has passes the other courses (GENG-1180/ GENG-1330/ GENG-1190), they do not need to take the new courses (GENG-1101 / GENG-1102/ GENG-1201)</p>	GENG-1101: Engineering I
GENG-1330: Engineering and Design	GENG-1102: Engineering Graphics
GENG-1190: Technical Communications	GENG-1201: Cornerstone Design
GENG-2320: Engineering Software Fundamentals	ELEC-2320: Software Fundamentals
GENG-2340: Electrical and Computing Fundamentals	ELEC-2141: Circuit Analysis I

Notes

ELEC-3010: Computer Aided Analysis (Moved from Fall & Renumbered)

ELEC-3040: Embedded System Design (Moved from 4th year Electives)

GENG-2500: Engineering and the Environment (Removed)

ELEC-3270: Microprocessors (Moved to Fall)

ELEC-2170: Digital Logic Design I has been renamed Digital Logic Design

ELEC-2200: Circuit Analysis has been renamed Circuit Analysis II

ELEC-2250: Physical Electronics has been renumbered to ELEC-3030

ELEC-4430: Embedded Systems Design has been renumbered to ELEC-3040 and made a core course for 3rd year students

GENG-1101: Engineering I replaces GENG-1180: Engineering and the Profession

GENG-1102: Engineering Graphics replaces GENG-1330: Engineering and Design

GENG-1201: Cornerstone Design replaces GENG-1190: Technical

Communications

**If the students has passes the other courses (GENG-1180/ GENG-1330/ GENG-1190), they do not need to take the new courses (GENG-1101 / GENG-1102/ GENG-1201)

GENG-2220: Engineering Treatment of Experimental Data has been renamed Engineering Probability & Statistics

GENG-2320: Engineering Software Fundamentals has been replaced with ELEC-2320: Software Fundamentals

GENG-2340: Electrical and Computing Fundamentals has been replaced with ELEC-2141: Circuit Analysis I