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## 2024-25 ACADEMIC COURSES

### ELE 211 : BASIC ELECTRONICS

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In this course, students will be introduced to basic electronics concepts and solid state devices. Topics will include the theory and application of light and temperature sensors, diodes, bipolar transistors, field effect transistors, thyristors and operational amplifiers. Using common laboratory equipment, students will build and test circuits. Level I Prerequisite: Academic Reading and Writing Levels of 6; Academic Math Level 3; ELE 111 minimum grade "C-"

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Description	Hours
Credits	4
Lecture Hours	60
Clinical Hours	0
Lab Hours	30
Other Hours	0
Total Hours	90

Accurate as of 03/26/2025 Information is subject to change without notice.