

## 2021-22 ACADEMIC COURSES

### ELE 224 : PROG. CONTROLLERS (PLCS) I

This is an introductory, lab-based course which covers PLC hardware, and relay-type, timer, counter, data manipulation, math and program control instructions, with an emphasis on troubleshooting. Weekly labs use Allen Bradley SLC, PLC-5 and ControlLogix controllers and RSLogix software. This course is intended for Industrial Electronics and Mechatronics students, electricians, electrician (and other) apprentices, technicians and engineers. The title of this course was previously Introduction to PLCs.

**Level I Prereq:** Academic Reading and Writing Levels of 6

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

Accurate as of 02/26/2021 Information is subject to change without notice.

#### Class offerings by semester

Swipe left to see full chart