

## 2021-22 ACADEMIC COURSES

### NCT 121 : MANUAL PROGRAMMING NC TOOL

This is the first in a two-course study of manual programming of CNC milling and turning centers. Students experience the entire process of part manufacturing by processing working drawings of sample parts, writing and editing of programs, set up and operation of CNC machine tools, and inspection of the finished products. Feeds and speeds, fixed cycles, program editing, set up procedures, and tape preparation are major topics presented. Laboratory time is required outside of class time. Students with experience equivalent to NCT 101 and NCT 110 may contact the instructor for permission to waive the prerequisites.

**Level I Prereq:** Academic Reading and Writing Levels of 6; Academic Math Level 4; MTT 102, NCT 101 and NCT 110, minimum grade "C"; NCT 101 and NCT 110, may enroll concurrently

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

Accurate as of 10/21/2021 Information is subject to change without notice.

#### 2021-22 Class offerings by semester

Swipe left to see full chart