

2021-22 ACADEMIC COURSES

NCT 221 : ADV MANUAL PROGRAM/NC TOOL OP

This is the second of a two-course study of manual programming and CNC Machine Tool Operation. Complex cutter path generation, cutter compensation, repetitive programming, multi-quadrant circular interpolation, three axis interpolation, threading macros, and other advanced programming techniques are practiced. Geometry creation using CAD/CAM software will be presented and used in this class. The class format is similar to that of NCT 121. Students with experience equivalent to NCT 121 may contact the instructor for permission to waive the prerequisite.

Level I Prereq: Academic Reading and Writing Levels of 6; Academic Math Level 4; NCT 121 minimum grade "C"

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

Accurate as of 10/22/2021 Information is subject to change without notice.

2021-22 Class offerings by semester

Swipe left to see full chart