

2023-24 ACADEMIC COURSES

NCT 121 : MANUAL PROGRAMMING NC TOOL

In this course, students will interpret working drawings of sample parts, write and edit programs, setup and operate CNC machine tools, and inspect the finished products in the process of manufacturing parts. Feeds and speeds, fixed cycles, program editing, set up procedures, and program preparation are major topics presented. This is the first in a two-course study of manual programming of CNC milling and turning centers. Students with experience equivalent to NCT 101 and NCT 110 may contact the instructor for permission to waive the prerequisites. Programming time outside of the classroom is required to be successful in this course.

Level I Prereq: Academic Reading and Writing Levels of 6; Academic Math Level 4; NCT 101 and NCT 110, 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 02/03/2023 Information is subject to change without notice.