

MTTN232N : Advanced Machine Tool Processes and Theory II: A Capstone Experience

This course will emphasize the application of CAD/CAM in the manufacturing of a quantity of machined parts. Students will utilize CAM software, conversational programming and manual programming skills. Live tooling and fourth axis work will be covered as it relates to the CNC lathe and mill. In addition, students will participate in a service learning project as well as individual projects and/or group projects. Students will also be taught various job hunting techniques such as resume writing and interviewing skills to assist them in their job search.

Class Hours 3

Lab Hours 9 **Credits** 6

Prerequisites

MTTN123N, a grade of 'C' or better in MTTN231N.