



Industrial Manufacturing: Machine Processes (607)

Certificate Program

ABOUT OUR PROGRAM

The Machine Processes certificate provides students with the opportunity to gain basic and intermediate level experience in the areas of computer numeric control (CNC), computer-aided drafting (CAD), and computer-aided manufacturing (CAM).

NATURE OF WORK AND EMPLOYMENT

Completers of this program will be fluent in CNC machine operation and will have entry-level setup skills. They will have the knowledge and skill to gain employment in manufacturing facilities utilizing CNC machining.

PROGRAM CONTACTS

Call Highland at 815-235-6121 for the following program contacts:

- Scott Anderson, Dean of Business & Technology
- Aaron Sargent, Industrial Technology Faculty
- Thedford Jackson, Transfer Coordinator/Student Advisor

First Semester

14 Sem. Hours

DRAF	105	Computer Aided Drafting	3
DRAF	110	Print Reading and Inspection	2
* MATH	111	Technical Math (or higher level)	3
* MTEC	151	Machine Processes	3
* MTEC	280	CNC Lathe	3

Second Semester

12 Sem. Hours

* BUSN	141	Business Communications (or ENGL 121 or COMM 101)	3
MTEC	164	Manufacturing Processes	3
* MTEC	270	CNC Mill	3
		Technical Elective	3

Total Hours =

26

* Course has a prerequisite. See course descriptions.

In compliance with U.S. Department of Education disclosure guidelines, gainful employment statistics for certificate programs can be found at www.highland.edu/hcc_academics.

