

Introduction to Manufacturing Certificate

This certificate exposes the students to the manufacturing industry. Topics covered include manufacturing equipment, processes, materials and safety.

Suggested/Sample Course Sequence

The sequence taken by the student may vary depending on prerequisites, course availability, and personal/ professional responsibilities.

(Major Code 4320; State CIP Code 48.0599)

- Metal Fabrication Technology (<http://www.jccc.edu/welding>)

Required Courses

MFAB 124	Introduction to Welding	3
MFAB 152	Manufacturing Materials and Processes	3
INDT 125	Industrial Safety/OSHA 30	3
CPCA 105	Introduction to Personal Computers: Windows	1
INDT 155	Workplace Skills	1
MFAB 271 or MFAB 128	Metal Fabrication Internship* Basic Machine Tool Technology	3
Total Hours		14

Total Program Hours: 14