

After careful review of the Manufacturing Technician Program materials, the Division Chair of Business and Technical Education at Jefferson College has determined that some content in this program is eligible for Prior Learning Credits. This means that students whose educational goals include a degree program will have a smoother transition into a Career and Technical Education program of study at Jefferson College.

This is an exciting opportunity for providing our Continuing Education/Business and Workforce Development students a jump-start in meeting their career goals; while providing a substantial financial savings! Students will have the opportunity to earn a total of 9 college credits for prior learning in the Manufacturing Technician Program.

The specific course equivalencies and degree plans are listed below:

Non-Credit Course	Jefferson College Credit Course	Credit Hour Award
Manufacturing Technician Training	CIM105 Introduction to Machining Procedures	3
Manufacturing Technician Training	MTT108 Industrial Blueprint Reading	3
Manufacturing Technician Training	MTT116 Dimensional Metrology	3

Students may begin the process of gaining college credits for the courses listed above by going to the office of Chris DeGeare, the Division Chair of Business and Technical Education. (CTE-101).

After the student completes one credit hour of coursework at Jefferson College, a student earning 80% or better on his/her non-credit course will have these credits transcribed by Jefferson College. They will be charged a posting fee equivalent to one credit hour of tuition per college credit course. Based on 2014-15 tuition rates, the total posting fees will be \$291.

The degree plan for the Computer Integrated Manufacturing Program is listed on the next page of this document.

Last Name

First Name

Date of Birth

ASSOCIATE OF APPLIED SCIENCE
Degree Plan
COMPUTER INTEGRATED MANUFACTURING
(*Certificate Option)

Effective 2014-2015

COURSE TITLES	COURSE NUMBERS	COMPLETED	ENROLLED	NEED
Introduction to Machining Procedures (3)	CIM105			
CNC Programming I (3)	CIM125			
Machining Procedures (3)	CIM150			
CNC Programming II (5)	CIM155			
Advanced Machining Procedures (3)	CIM205			
Quality Assurance (3)	CIM210			
Advanced CNC Programming (5)	CIM225			
Computer Integrated Manufacturing (3)	CIM235			
Computer Aided Manufacturing (5)	CIM240			
Introduction to 3D Contouring (3)	CIM250			
Industrial Math (3)	MTH105			
Industrial Blueprint Reading (3)	MTT108			
Dimensional Metrology (3)	MTT116			
Group I. <i>Communications</i> (3)	ENG101(H)			
Group II. <i>Humanities/Communications</i> (3)				
Group III. <i>Social/Behavioral Sciences</i> (3)				
<i>Constitution</i> (3)				
Group IV. <i>Math</i> (3)	MTH121			
Group V. <i>Computer Literacy</i> (3)	CIS133			
Group VI. <i>First Year Experience</i> (1-3)				
Student Signature/Date				
Advisor Signature/Date				

Total Credit Hours: Certificate Only
Degree

46
64

CORE GENERAL EDUCATION & INSTITUTIONAL REQUIREMENTS

Group I. Communications 3 hrs.

ENG101(H) English Comp. I **required**

Group II. Humanities/Communications 3 hrs.

ART; CHI; COM; ENG102+; FRN;
 GRM; HUM; MSA; MSC; PHL; SPD; SPN

Group III. Social/Behavioral Sciences 6 hrs.

Constitution: (3) HST103(H) or PSC102(H) **required**
 Social/Behavioral Sciences: (3) **select one**
 ECO; GEO; HST; PSC; PSY; SOC

Group IV. Math and/or Science 6 hrs.

MTH105 (3) Industrial Math **required**
 MTH121 (3) Technical Math I **required**

Group V. Computer Literacy 3 hrs.

CIS125 (3) Computer Concepts and
 Applications. **required**

Group VI. First Year Experience 1-3 hrs.

COL100/101/136 **required**