

MANUFACTURING TECHNOLOGY

(Spring 2012–2012)

(705.4) SOUTH
Associate of Science

(E) Precision Fabrication

First Semester

		Credits	Term Taken	CCAC Grade	TRF/CBE* CLEP/AP*
EDD-135	Introduction to Parametric Modeling	3	_____	_____	_____
EET-103	Introduction to Electronics	3	_____	_____	_____
EGR-100	Engineering Seminar	1	_____	_____	_____
MAT-114	Mathematics for the Technologies 1	4	_____	_____	_____
PHY-113	Technical Physics 1	3	_____	_____	_____
SET-105	Technical Computing	3	_____	_____	_____

Second Semester

CHM-109	Introduction to Chemistry	4	_____	_____	_____
ENG-101	English Composition 1	3	_____	_____	_____
HIS-151	History of American Labor	3	_____	_____	_____
MAT-116	Mathematics for the Technologies 2	4	_____	_____	_____
MET-112	Engineering Materials	4	_____	_____	_____

Third Semester

ENG-103	Technical Communications	3	_____	_____	_____
MET-106	Geometric Dimensioning & Tolerancing	1	_____	_____	_____
MET-150	Statics	4	_____	_____	_____
MET-212	Manufacturing Processes	3	_____	_____	_____
RBT-235	Programmable Logic Controllers	4	_____	_____	_____
SPH-101	Oral Communication	3	_____	_____	_____

Fourth Semester

MFT-201	Three Dimension Modeling and Software Integration	3	_____	_____	_____
MFT-202	Computer Aided Manufacturing	3	_____	_____	_____
MFT-203	Robotic Welding for Precision Fabrication Applications	3	_____	_____	_____
MFT-210	Metrology & Measurement Data Processing	3	_____	_____	_____
MFT-220	Basic Engineering for Fabrication Weld Distortion Mitigation	3	_____	_____	_____
MFT-230	Precision Fabrication Technology Capstone	3	_____	_____	_____

Minimum Credits to Graduate: 71

Comments _____

* TRF=Transfer Credit CBE=Credit by Exam CLEP=College Level Examination Program AP=Advanced Placement Examination

This advising/graduation checklist lists the program requirements for students entering CCAC in the academic year indicated. A continuing student may graduate with the requirements in effect the year the student entered CCAC. All students must earn 30 college level credits in CCAC classes (this includes distance education courses) and have a minimum institutional GPA of 2.0. Mathematics electives must be at the 100 level. The remaining program credits may include transfer credit, credit by examination, CLEP or AP examinations. Institutional credits and GPA are used to determine eligibility for graduation.