

Student Name: \_\_\_\_\_

Colleague #: \_\_\_\_\_

Date: \_\_\_\_\_

# MANUFACTURING TECHNOLOGY

(Spring 2012–2012)

(705.4) SOUTH  
Associate of Science

(D) Nanofabrication

### First Semester

		Credits	Term Taken	CCAC Grade	TRF/CBE* CLEP/AP*
EET-103	Introduction to Electronics	3	_____	_____	_____
EGR-100	Engineering Seminar	1	_____	_____	_____
ENG-101	English Composition 1	3	_____	_____	_____
MAT-114	Mathematics for the Technologies 1	4	_____	_____	_____
SET-105	Technical Computing	3	_____	_____	_____

### Second Semester

CHM-109	Introduction to Chemistry	4	_____	_____	_____
ENG-103	Technical Communications	3	_____	_____	_____
MAT-116	Mathematics for the Technologies 2	4	_____	_____	_____
MIT-107	Electronic Fabrication	3	_____	_____	_____
PHY-113	Technical Physics 1	3	_____	_____	_____

### Third Semester

MET-106	Geometric Dimensioning & Tolerancing	1	_____	_____	_____
MET-112	Engineering Materials	4	_____	_____	_____
MET-200	Metrology	3	_____	_____	_____
PHY-114	Technical Physics 2	3	_____	_____	_____
	Humanities Elective	3	_____	_____	_____
	Social Science Elective	3	_____	_____	_____

### Fourth Semester

MFT-211	Material Safety & Equipment Overview	3	_____	_____	_____
MFT-212	Basic Nanofabrication Processes	3	_____	_____	_____
MFT-213	Nanofabrication/Thin Films Technology	3	_____	_____	_____
MFT-214	Lithography for Nanofabrication	3	_____	_____	_____
MFT-215	Material Modification Nanofabrication	3	_____	_____	_____
MFT-216	Characterization & Packaging	3	_____	_____	_____

**Minimum Credits to Graduate: (30 CCAC) 66**

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.