

PLAN OF STUDY FORM - 2011/2012
MANUFACTURING ENGINEERING TECHNOLOGY
LASER MANUFACTURING OPTION - KB72
 ASSOCIATE IN SCIENCE DEGREE
 CREDITS REQUIRED — 67

THREE RIVERS COMMUNITY COLLEGE

NAME: _____
 First Last

STUDENT ID# _____

Advanced Credits:

Transfer Credits _____
 #CLEP/DANTES _____
 #Credit by Exam _____
 #APL Credits _____
 #Military Credits _____

Name(s) of transfer college(s) _____

A combined maximum of 30 credits may be used to satisfy degree requirements

<i>Course ID</i>	<i>Title of Course</i>	<i>Credits</i>	<i>Semester Completed</i>	<i>To Be Completed</i>
SEMESTER I				
ENG* K101°	Composition	3	_____	_____
MAT* K137°	Intermediate Algebra	(3)	_____	_____
MEC* K152°	Fundamentals of Engineering Graphics	1	_____	_____
MEC* K153°	Fundamentals of Engineering Graphics Lab	2	_____	_____
MFG* K102	Manufacturing Processes	3	_____	_____
MFG* K103	Manufacturing Processes Lab	1	_____	_____
PHY* K114°	Mechanics	(4)	_____	_____
TCN* K105	Laser and Lab Safety	1	_____	_____
	TOTAL	11		
SEMESTER II				
CAD* K106	Computer-Aided Drafting	1	_____	_____
CAD* K107	Computer-Aided Drafting Lab	2	_____	_____
EET* K105° +	Electric Circuits and Systems	3	_____	_____
EET* K106° +	Electric Circuits and Systems Lab	1	_____	_____
ENG* K202°	Technical Writing	3	_____	_____
MAT* K186°	Precalculus	4	_____	_____
MEC* K114°	Statics	3	_____	_____
PHO* K101	Introduction to Light and Lasers	3	_____	_____
	TOTAL	20		
SEMESTER III				
EET* K264°	Data Acquisition and Control	3	_____	_____
EET* K265°	Data Acquisition and Control Lab	1	_____	_____
MAT* K167°	Principles of Statistics	3	_____	_____
PHO* K140°	Optoelectronics	4	_____	_____
PHO* K241°	Introduction to Lasers	3	_____	_____
PHO* K242°	Introduction to Lasers Lab	1	_____	_____
_____	Fine Arts Elective	3	_____	_____
	TOTAL	18		
SEMESTER IV				
MFG* K118°	Computer Control Laser Material Process	3	_____	_____
MFG* K119°	Computer Control Laser Material Process Lab	1	_____	_____
MFG* K230°	Statistical Process Control	3	_____	_____
PHO* K230°	Laser Electronics	4	_____	_____
_____	Science Elective	4	_____	_____
_____	Social Sciences Elective	3	_____	_____
	TOTAL	18		
	GRAND TOTAL	67		

() Course is considered a prerequisite for this technology program.
 ° Course has a prerequisite. Students should check course description.
 +May substitute EET* K144/145 Fundamentals Electric Circuits and Machines/Lab

PLAN OF STUDY REVIEWED BY:

 Advisor Date

 Student Date

Preliminary Graduation Audit Completed by:

 Signature Date

TECHNOLOGY ELECTIVES

FINE ARTS

Art (including ARC 102)
Graphic Arts
Music
Theater

SOCIAL SCIENCE

Anthropology
Criminal Justice (Not 124, 220, 225, 291)
ECE (182, 215 & 225 ONLY)
Economics
History
Human Services (not 281)
Geography
Political Science
Psychology
Sociology
Social Science

PLAN OF STUDY GUIDELINES

The College reserves the right to modify this Plan of Study in subsequent academic years. Each student has the responsibility to insure that he/she completes all courses required for graduation, completes prerequisites for required courses, and completes all other requirements of the College as explained in the College Catalog.

ACADEMIC ADVISEMENT PROCESS

Students are required to meet with their advisor early in their first semester of enrollment. It is the student's responsibility to seek out information concerning program requirements. This may be done with the help of their advisor, the Department Chairperson, the Program Coordinator, the Counseling staff, or individual faculty members. While each student is assigned to an Academic Advisor, ultimate responsibility for meeting program requirements lies with the individual student. Students are encouraged to initiate and maintain close contact with their Academic Advisor throughout their program enrollment. A Plan of Study Form signed by a student and academic advisor or registration card signed by an academic advisor must be submitted when registering for courses until 12 credits are earned at TRCC.

PROGRAM REQUIREMENTS

Students have the option of meeting the degree or certificate program requirements listed in the College Catalog under which they initially enrolled or the requirements as listed in the current catalog. [EXCEPTION]: Students who have a two-year or more lapse in enrollment must meet the program requirements in effect at the time of re-enrollment at the College or the requirements as listed in the current catalog.

COURSE PREREQUISITES

All prerequisites to courses listed in the College catalog must be met by students prior to registration in those courses. If, however, students consider that they have the equivalent of a prerequisite listed for a given course, they may present evidence to the instructor, and may register for the course if written consent is filed by the instructor in the Registrar's Office.

COURSE SUBSTITUTION

Any substitution of a course or courses for those listed as requirements for a degree or certificate must be approved by either the Department Chairperson or Academic Program Coordinator and the Academic Dean. Contact your advisor or the Director of Counseling for additional information.

GRADUATION REQUIREMENTS

All students should schedule a graduation review with their Academic Advisor before registering for their final semester in a degree or certificate program. Eligible students must fill out a graduation application form and pay the appropriate fee by the date published in the academic calendar.

To be eligible for graduation with an Associate in Science, Arts or Applied Science degree or a Certificate from the College, the student must:

1. Fulfill all of the program course requirements in an approved program and have achieved at least a 2.0 cumulative grade point average.
In addition, Associate Degree candidates must complete a minimum of sixty credits in college level courses in an approved Plan of Study with no more than twelve credits carrying a "P" grade.
2. Successfully complete at least 50% of courses attempted. At least 25% of credits earned must have been completed at Three Rivers CC.
3. Fulfill all financial obligations to the institution.
4. Fulfill other requirements consistent with policies of the Board of Trustees which may apply.