

PLAN OF STUDY FORM - 2007/2008
MECHANICAL ENGINEERING
TAC/ABET ACCREDITED - KB62
ASSOCIATE IN SCIENCE DEGREE
CREDITS REQUIRED — 66-67

THREE RIVERS COMMUNITY COLLEGE

NAME:

First

Last

STUDENT ID#

Name(s) of transfer college(s)

Advanced Credits:

Transfer Credits

#CLEP/DANTES

#Credit by Exam

#APL Credits

#Military Credits

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)		
	TOTAL	10		
SEMESTER II				
CAD* K106	Computer-Aided Drafting	1		
CAD* K107	Computer-Aided Drafting Lab	2		
CSA* K105	Introduction to Software Applications	(3)		
COM* K173°	Public Speaking	3		
ENG* K202°	Technical Writing	3		
MAT* K186°	Precalculus	4		
MEC* K114°	Statics	3		
PHY* K115°	Heat, Sound, Light	4		
	TOTAL	20		
SEMESTER III				
EET* K105°+	Electric Circuits and Systems	3		
EET* K106°+	Electric Circuits and Systems Lab	1		
MAT* K254°	Calculus I	4		
MEC* K231°	Computer-Aided Engineering	1		
MEC* K232°	Computer-Aided Engineering Lab	2		
MEC* K250°	Strength of Materials	3		
MEC* K252°	Strength of Materials Lab	1		
MEC* K262°	Materials Science	3		
MEC* K263°	Materials Science Lab	1		
	TOTAL	19		
SEMESTER IV				
MEC* K241°	Thermodynamics	3		
MEC* K270°	Introduction to Fluid Mechanics	3		
MEC* K275°	Thermal Sciences Lab	1		
MEC* K281°	Machine Design	3		
MEC* K282°	Machine Design Lab	2		
	Humanities/Social Sciences Elective	3		
	** Technical Elective	2-3		
	TOTAL	17-18		
	GRAND TOTAL	66-67		

() Course is considered a prerequisite for this technology program.

° Course has a prerequisite. Students should check course description.

** The technical elective may include additional CAD courses or specialized courses such as Welding Engineering Applications (with approval of Program Coordinator).

+ May substitute EET* K144/145 Fundamentals Electric Circuits and Machines/Lab.

PLAN OF STUDY REVIEWED BY:

Advisor

Date

Student

Date

Graduation Audit Completed by:

Signature

Date

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.