

**PLAN OF STUDY FORM - 2009/2010**  
**GENERAL ENGINEERING TECHNOLOGY - KB25**  
 ASSOCIATE IN APPLIED SCIENCE DEGREE

**THREE RIVERS COMMUNITY COLLEGE**

NAME: \_\_\_\_\_  
 First Last

CREDITS REQUIRED — 68

STUDENT ID# \_\_\_\_\_

Advanced Credits:

Name(s) of transfer college(s) \_\_\_\_\_

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>
<b>SEMESTER I</b>				
CHE* K111°	Concepts of Chemistry	4	_____	_____
CSA* K105	Introduction to Software Applications	3	_____	_____
ENG* K101°	Composition	3	_____	_____
MAT* K137°	Intermediate Algebra	3	_____	_____
MFG* K102	Manufacturing Processes	3	_____	_____
MFG* K103	Manufacturing Processes Lab	1	_____	_____
TCN* K105	Laser and Lab Safety	1	_____	_____
	<b>TOTAL</b>	<b>18</b>		
<b>SEMESTER II</b>				
COM* K173°	Public Speaking	3	_____	_____
ENG* K202°	Technical Writing	3	_____	_____
MAT* K186°	Precalculus	4	_____	_____
MEC* K152°	Fundamentals of Engineering Graphics	1	_____	_____
MEC* K153°	Fundamentals of Engineering Graphics Lab	2	_____	_____
PHY* K114°	Mechanics	4	_____	_____
	<b>TOTAL</b>	<b>17</b>		
<b>SEMESTER III</b>				
CAD K106	Computer-Aided Drafting	1	_____	_____
CAD K107	Computer-Aided Drafting Lab	2	_____	_____
PHY* K115°	Heat Sound Light	4	_____	_____
_____	Humanities/Social Sciences Elective	3	_____	_____
_____	Open Elective	3	_____	_____
_____	Technical Elective	3	_____	_____
_____	Technical Elective Lab	1	_____	_____
	<b>TOTAL</b>	<b>17</b>		
<b>SEMESTER IV</b>				
EET* K142°+	Electrical and Power Systems Fundamentals	3	_____	_____
EET* K143°+	Electrical and Power Systems Fundamentals Lab	1	_____	_____
_____	Humanities/Social Sciences Elective	3	_____	_____
_____	Open Elective	3	_____	_____
_____	Technical Elective	3	_____	_____
_____	Technical Elective	3	_____	_____
	<b>TOTAL</b>	<b>16</b>		
	<b>GRAND TOTAL</b>	<b>68</b>		

° Course has a prerequisite. Students should check course description.  
 + May substitute EET\* K105/106 Electric Circuits and Systems/Lab

ELECTIVES FOR OPTION IN LASER & FIBER OPTICS:

PHO* K101	Introduction to Photonics	4 credits
PHO* K241/242	Introduction to Lasers and Lab	4 credits
PHO* K250 or MFG* K118/119	Fiber and Integrated Optics or Computer Controlled Laser Materials Processing and Lab	4 credits
PHY* K141	Applied Optics	4 credits
Open: suggested		
PHO* K290	Advanced Laser Topics	
or	or	3 credits
PHO* K295	Photonics Co-Op	

**PLAN OF STUDY REVIEWED BY:**

\_\_\_\_\_  
 Advisor Date  
 \_\_\_\_\_  
 Student Date  
**Preliminary 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.