#### **GENERAL ENGINEERING TECHNOLOGY - KB25** NAME: ASSOCIATE IN APPLIED SCIENCE DEGREE STUDENT ID# CREDITS REQUIRED — 68 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 Credits Course ID Title of Course Semester To Be Completed Completed SEMESTER I CHE\* K111° Concepts of Chemistry 3 CSA\* K105 Introduction to Software Applications 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 **TOTAL** 18 SEMESTER II 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 TOTAL 17 SEMESTER III **CAD K106** Computer-Aided Drafting 1 **CAD K107** Computer-Aided Drafting Lab 2 PHY\* K115° Heat Sound Light 4 Humanities/Social Sciences Elective 3 3 Open Elective 3 Technical Elective Technical Elective Lab 1 TOTAL 17 SEMESTER IV EET\* K142°+ Electrical and Power Systems Fundamentals 3 Electrical and Power Systems Fundamentals Lab EET\* K143°+ 1 Humanities/Social Sciences Elective 3 Open Elective 3 Technical Elective 3 Technical Elective 3 TOTAL 16 **GRAND TOTAL** 68 ° 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 PLAN OF STUDY REVIEWED BY: PHO\* K241/242 Introduction to Lasers and Lab 4 credits Fiber and Integrated Optics or Computer 4 credits PHO\* K250 or MFG\* K118/119 Controlled Laser Materials Processing and Advisor Date Lab PHY\* K141 Applied Optics 4 credits Student Preliminary Graduation Audit Completed by: Open: suggested PHO\* K290 Advanced Laser Topics Signature Date

3 credits

THREE RIVERS COMMUNITY COLLEGE

PLAN OF STUDY FORM - 2008/2009

or

PHO\* K295

Photonics Co-Op

# 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.