PLAN OF STUDY FORM - 2005/2006 THREE RIVERS COMMUNITY COLLEGE MANUFACTURING ENGINEERING TECHNOLOGY NAME: TAC/ABET ACCREDITED - KB64 First ASSOCIATE IN SCIENCE DEGREE STUDENT ID# CREDITS REQUIRED — 67 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 Title of Course Course ID Credits Semester Completed To Be Completed SEMESTER I CSA* K105 Introduction to Software Applications (3) ENG* K101° Composition 3 Intermediate Algebra (3) MAT* K137° Fundamentals of Engineering Graphics MEC K1110° 1 MEC K1111° Fundamentals of Engineering Graphics Lab 2 MFG K1100 Manufacturing Processes 3 MFG K1101 Manufacturing Processes Lab 1 PHY* K114° Mechanics (4)TOTAL 10 SEMESTER II Computer-Aided Drafting CAD K1200 1 CAD K1201 Computer-Aided Drafting Lab 2 EET K2104°+ Electrical and Power Systems Fundamentals 3 EET K2105°+ Electrical and Power Systems Fundamentals Lab 1 COM* K173° Public Speaking (3) ENG* K202° **Technical Writing** 3 MAT* K186° 4 Precalculus MFG K1104° CAD CAM I 3 MFG K1105° CAD CAM I Lab 1 **TOTAL** 18 SEMESTER III MAT* K163° Statistics I 3 MEC K1106° Introduction to Structural Mechanics 3 MEC K1107° Introduction to Structural Mechanics Lab 1 MEC K2122° Materials Science 3 MEC K2123° Materials Science Lab 1 MFG K2130 Industrial Robots 3 MFG K2131 Industrial Robots Lab 1 Open Elective 3 Physics Elective 4 TOTAL 22 SEMESTER IV

3

1

3

1

3

3

3

17

67

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

Prod. Plan. and Stat. Process Control

Humanities/Social Sciences Elective

Tool Design

Tool Design Lab

Automated Systems

Technical Elective

GRAND TOTAL

TOTAL

Automated Systems Lab

MFG K2124°

MFG K2126°

MFG K2206°

MFG K2207°

MFG K2232

PLAN OF STUDY REVIEWED BY:

Advisor	Date
Student	Date
Preliminary Graduation	Audit Completed by:

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

⁺May substitute EET K1100/01 Electric Circuits I/Lab

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 must be presented when registering for second semester courses.

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 submitted to the Registrar. 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.
 - a. 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 and complete a basic computer literacy requirement.
- 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.