# PLAN OF STUDY FORM - 2006/2007 CI TA

### THREE RIVERS COMMUNITY COLLEGE

CIVIL ENGINEERING TECHNOLO	OGY	NAME:			
TAC/ABET ACCREDITED - KA80				First	Last
ASSOC. IN SCIENCE – $67$ CREDITS	REQUIRED	STUDENT ID#			
Advanced Credits:	#Military (	Credits	Name(s) of		
Transfer Credits	#APL Cre	edits	transfer		
#CLEP/DANTES	#Credit by	Exam	college(s)		

## CIVIL ENGINEERING TECHNOLOGY CURRICULUM-TAC/ABET ACCREDITED (suggested two-year sequence)

SEMESTER I           CIV* K101°         Civil Engineering Materials         3           CIV* K151°         Surveying I Lab         1.5           ENO* K101°         Composition         3           ENV* K105°         Elementary Computer Applications in Environmental         2           Engineering Technology         [1         3           MAT* K137°         Intermediate Algebra         (3)           MAT* K137°         Intermediate Algebra         (3)           TOTAL         12.5           SEMESTER II           CIV* K250°         Civil Hydraulies         3           CIV* K250°         Surveying II         3           CIV* K250°         Surveying II Lab         1.5           ENG* K202°         Technical Writing         3           MAT* K186°         Precalculus         4           MEC* K114°         Introduction to Structural Mechanics         3           TOTAL         17.5           SEMESTER III           CIV* K235/ENN* K245°         Water Resources Engineering         3           CIV* K235/ENN* K245°         Water Resources Engineering Lab         1           CIV* K235/ENN* K245°         Vater Resources Engineering Lab         1	Course ID	Title of Course	Credits	Semester Completed To Be Completed
CIV* K150°   Surveying I	SEMESTER I	•		•
CIV* K151°         Surveying I Lab         1.5           ENG* K101°         Composition         3           ENV* K105°         Elementary Computer Applications in Environmental Engineering Technology           MAT* K137°         Intermediate Algebra         (3)           MAT* K137°         Intermediate Algebra         (3)           TOTAL         12.5           SEMESTER II           CIV* K203°         Civil Hydraulics         3           CIV* K236°         Surveying II         3           CIV* K251°         Surveying II Lab         1.5           ENG* K202°         Technical Writing         3           MAT* K186°         Precalculus         4           MAT* K186°         Precalculus         4           MAT* K186°         Precalculus         17.5           SEMESTER III           CIV* K236/ENV* K245°         Water Resources Engineering         3         3           CIV* K236/ENV* K245°         Water Resources Engineering Lab         1         0           CIV* K236/ENV* K245°         Water Resources Engineering Lab         1         0           ENV* K101         Environ	CIV* K101°	Civil Engineering Materials	3	
ENG* K101°   Composition   S   Elementary Computer Applications in Environmental   2   Ementary Computer Applications in Environmental Engineering in Enviro	CIV* K150°	Surveying I	3	
Elementary Computer Applications in Environmental Engineering Technology   1	CIV* K151°	Surveying I Lab	1.5	
Engineering Technology	ENG* K101°	Composition	3	
PHY*K114°   Mechanics   12.5	ENV* K105°		2	
Name	MAT* K137°	Intermediate Algebra	(3)	
SEMESTER II   CIV* K203°   Civil Hydraulics   3   3           CIV* K250°   Surveying II   3   3       ENG* K202°   Technical Writing   3   3       ENG* K202°   Technical Writing   3   3       MAT* K186°   Precalculus   4       MEC* K114°   Introduction to Structural Mechanics   3       TOTAL   TOTAL   17.5    SEMESTER III   CIV* K236/ENV* K245°   Water Resources Engineering   3       CIV* K237/ENV* K245L°   Water Resources Engineering Lab   1       CIV* K237/ENV* K245L°   Water Resources Engineering Lab   1       ENV* K101   Environmental Studies   3       MAT* K254°   Calculus I   3       MEC* K250°   Strength of Materials   3       MEC* K252°   Strength of Materials   1       MEC* K252°   Strength of Materials Lab   1       Humanities/Social Sciences Elective   3       TOTAL   17    SEMESTER IV   CAD* K106   Computer-Aided Drafting   1       CAD* K107   Computer-Aided Drafting Lab   2       CIV* K200°   Soils   3       CIV* K200°   Soils Lab   1       CIV* K222°   Structural Design   3       CIV* K223°   Structural Design Lab   1       ENV* K110°   Environmental Engineering   3       ENV* K110°   Environmental Engineering   3       ENV* K110°   Environmental Engineering   3       Civil/Environmental Engineering   3       Civ	PHY* K114°	Mechanics	(4)	
CIV* K203°         Civil Hydraulies         3           CIV* K250°         Surveying II Lab         1.5           ENG* K202°         Technical Writing         3           MAT* K186°         Precalculus         4           MEC* K114°         Introduction to Structural Mechanics         3           MEC* K114°         Introduction to Structural Mechanics         3           TOTAL         17.5           SEMESTER III           CIV* K236/ENV* K245°         Water Resources Engineering         3           CIV* K237/ENV* K245°         Water Resources Engineering Lab         1           COM* K173         Public Speaking         (3)           COM* K173         Public Speaking         (3)           COM* K101         Environmental Studies         3           MEC* K250°         Strength of Materials         3           MEC* K250°         Strength of Materials Lab         1           MEC* K250°         Strength of Materials Lab         1           TOTAL         17           SEMESTER IV           CAD* K107         Computer-Aided Drafting         1           CAD* K107		TOTAL	12.5	
CIV* K250°         Surveying II         3	SEMESTER II			
CIV* K251°   Surveying II Lab   1.5   Single R502°   Technical Writing   3   Single R502°   ToTAL   ToTA	CIV* K203°	Civil Hydraulics	3	
ENG* K202°   Technical Writing   3	CIV* K250°	Surveying II	3	
MAT* K186°         Precalculus         4           MEC* K114°         Introduction to Structural Mechanics         3           TOTAL           TOTAL           17.5           SEMESTER III           CIV* K236/ENV* K245°         Water Resources Engineering         3           CIV* K237/ENV* K245°         Water Resources Engineering Lab         1           COM* K173         Public Speaking         (3)           ENV* K101         Environmental Studies         3           MAT* K254°         Calculus I         3           MEC* K250°         Strength of Materials         3           MEC* K252°         Strength of Materials Lab         1           Humanities/Social Sciences Elective         3           TOTAL         17           SEMESTER IV           CAD* K106         Computer-Aided Drafting         1           CAD* K107         Computer-Aided Drafting Lab         2           CAD* K200°         Soils         3           CIV* K200°         Soils Lab         1           CIV* K222°         Structural Design         3           CIV* K223°         Structural Design Lab         1	CIV* K251°	Surveying II Lab	1.5	
MEC* K114°	ENG* K202°	Technical Writing	3	
TOTAL   17.5	MAT* K186°	Precalculus	4	
SEMESTER III         CIV* K236/ENV* K245°       Water Resources Engineering       3	MEC* K114°	Introduction to Structural Mechanics	3	
CIV* K236/ENV* K245°       Water Resources Engineering       3         CIV* K237/ENV* K245L°       Water Resources Engineering Lab       1         COM* K173       Public Speaking       (3)         ENV* K101       Environmental Studies       3         MAT* K254°       Calculus I       3         MEC* K250°       Strength of Materials       3         MEC* K252°       Strength of Materials Lab       1         Humanities/Social Sciences Elective       3         TOTAL       17         SEMESTER IV         CAD* K106       Computer-Aided Drafting       1         CAD* K107       Computer-Aided Drafting Lab       2         CIV* K200°       Soils       3         CIV* K201°       Soils Lab       1         CIV* K222°       Structural Design       3         CIV* K222°       Structural Design Lab       1         ENV* K110°       Environmental Regulations       3         Civil/Environmental Engineering Technical Elective@       3         Math/Science Elective       3         Math/Science Elective       3         Math/Science Science Sciences Engineering Technical Engineering Technical Engineering Technical Engineering Technical Engineering Technical Engineering Technical Engineering T		TOTAL	17.5	
CIV* K237/ENV* K245L°   Water Resources Engineering Lab   1	SEMESTER III			
COM* K173	CIV* K236/ENV* K245°	Water Resources Engineering	3	
ENV* K101	CIV* K237/ENV* K245L°	Water Resources Engineering Lab	1	
MAT* K254°       Calculus I       3         MEC* K250°       Strength of Materials       3         MEC* K252°       Strength of Materials Lab       1         Humanities/Social Sciences Elective       3         TOTAL       17         SEMESTER IV         CAD* K106       Computer-Aided Drafting       1         CAD* K107       Computer-Aided Drafting Lab       2         CIV* K200°       Soils       3         CIV* K201°       Soils Lab       1         CIV* K222°       Structural Design       3         CIV* K223°       Structural Design Lab       1         ENV* K110°       Environmental Regulations       3         Civil/Environmental Engineering Technical Elective@       3         Math/Science Elective       3         Math/Science Elective       3         TOTAL       20	COM* K173	Public Speaking	(3)	
MEC* K250°         Strength of Materials         3	ENV* K101	Environmental Studies	3	
MEC* K252°       Strength of Materials Lab       1         Humanities/Social Sciences Elective       3         TOTAL       17         SEMESTER IV         CAD* K106       Computer-Aided Drafting       1         CAD* K107       Computer-Aided Drafting Lab       2         CIV* K200°       Soils       3         CIV* K201°       Soils Lab       1         CIV* K222°       Structural Design       3         CIV* K223°       Structural Design Lab       1         ENV* K110°       Environmental Regulations       3         Civil/Environmental Engineering       3         Technical Elective@       3         Math/Science Elective       3         TOTAL       20	MAT* K254°	Calculus I	3	
Humanities/Social Sciences Elective	MEC* K250°	Strength of Materials	3	
TOTAL   17   SEMESTER IV   CAD* K106   Computer-Aided Drafting   1	MEC* K252°	Strength of Materials Lab	1	
SEMESTER IV         CAD* K106       Computer-Aided Drafting       1		Humanities/Social Sciences Elective	3	
CAD* K106       Computer-Aided Drafting       1		TOTAL	17	
CAD* K107       Computer-Aided Drafting Lab       2	SEMESTER IV			
CIV* K200°         Soils         3	CAD* K106	Computer-Aided Drafting	1	
CIV* K201°         Soils Lab         1	CAD* K107	Computer-Aided Drafting Lab	2	
CIV* K222°         Structural Design         3	CIV* K200°	Soils	3	
CIV* K223°         Structural Design Lab         1           ENV* K110°         Environmental Regulations         3           Civil/Environmental Engineering Technical Elective@         3           Math/Science Elective         3           TOTAL         20	CIV* K201°	Soils Lab	1	
ENV* K110°         Environmental Regulations         3	CIV* K222°	Structural Design	3	
Civil/Environmental Engineering   3	CIV* K223°	Structural Design Lab	1	
Civil/Environmental Engineering   3	ENV* K110°	Environmental Regulations	3	
TOTAL 20		Civil/Environmental Engineering	3	
TOTAL 20		$\odot$	3	
		GRAND TOTAL	67	

<sup>( )</sup> Crse. is a prereq. for this tech degree.  $^{\circ}$ Crse. has a prereq. @ Students may take any other CIV or ENV\* course, BIO\* K145, or CHE\* K121.

PLAN OF STUDY REVIEWED BY:

Advisor	Date
Student	Date
Preliminary Graduation Aud	lit 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 reenrollment 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.