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LAN OF STUDY FORM - 2004/2005		THREE RIVERS COMMUNITY COLLEGE			
IVIL ENGINEERING AC/ABET ACCREDI		NAME:		First	Last
	68 CREDITS REQUIRED	STUDENT ID#			
dvanced Credits: Transfer Credits #CLEP/DANTES			Name(s) of transfer college(s)		
CIVIL ENGINEERING	G TECHNOLOGY CURRICULUM-T	AC/ABET ACCREDIT	ED (suggested two	o-year sequence)	
Course ID	Title of Course		Cradits	Competer Completed	To Ra Complete

Course ID         Title of Course         Credits         Semester Completed         4 To Be Completed           EXIMESTER I         CIV K 1101         Engineering Materials         3	CIVIL ENGINEERING T	ECHNOLOGY CURRICULUM-TAC/ABET ACCRE	DITED (suggested t	wo-year sequence)	
CIV K1100         Engineering Materials Lab         1           CIV K1101         Engineering Materials Lab         1           CIV K1501°         Surveying I Lab         1.5           ENC® K101°         Composition         3           ENC® K101°         Composition         3           ENV® K105°         Elem. Opt. Applications in Envir. Engrg. Tech         2           MAT® K137         Intermediate Algebra         (3)#           PHY® K114         Mechanics         (4)#           TOTAL         20.5           SEMESTER II           CIV K2203°         Hydraulics         3           CIV K2510°         Surveying II         3           CIV K2511°         Surveying II Lab         1.5           ENG® K202°         Technical Writing         3           MEC K1106°         Introduction to Structural Mechanics         3           MEC K1107°         Introduction to Structural Mechanics Lab         1           MEC K1107°         Introduction to Structural Mechanics Lab         1           CIV K2230/ENV® K245°         Water Resources Engineering         3           CIV K2230/ENV® K245°         Water Resources Engineering         3           ENG K131         Introduction to Speech Communicat	Course ID	Title of Course	Credits	Semester Completed	To Be Completed
CIV K1101   Engineering Materials Lab   1	SEMESTER I				
CIV K1500°         Surveying I Lab         1.5           ENG* K101°         Composition         3           ENV* K105°         Elem. Cptr. Applications in Envir. Engrg. Tech         2           MAT* K137         Intermediate Algebra         (3)#           PIIY* K114         Mechanics         (4)#           TOTAL         20.5           SEMESTER II           CIV K2203°         Hydraulics           CIV K2510°         Surveying II         3           CIV K2511°         Surveying II Lab         1.5           ENG* K202°         Technical Writing         3           MAT* K186°         Precalculus         4           MEC K1100°         Introduction to Structural Mechanics         3           MEC K1100°         Introduction to Structural Mechanics Lab         1           TOTAL         18.5           SEMESTER III         VIV K2230/ENV* K245°         Water Resources Engineering         3           CIV K2231/ENV* K245°         Water Resources Engineering Lab         1           CIV K2231/ENV* K245°         Water Resources Engineering Lab         1           ENV* K101         Environmental Studies         3           MAT* K254°         Calculus I         3	CIV K1100	Engineering Materials	3		
CIV K1501°   Surveying I Lab   1.5	CIV K1101	Engineering Materials Lab	1		
ENG* K101°         Composition         3           ENV* K105°         Elem. Cptr. Applications in Envir. Engrg. Tech         2           ENV* K137         Intermediate Algebra         (3)#           PHY* K114         Mechanics         (4)#           TOTAL           SEMESTER II           CIV K2203°         Hydraulics         3           CIV K2510°         Surveying II         3           CIV K2511°         Surveying II Lab         1.5           ENG* K202°         Technical Writing         3           MA1* K186°         Precalculus         4           MEC K1106°         Introduction to Structural Mechanics Lab         1           MEC K1107°         Introduction to Structural Mechanics Lab         1           TOTAL           SEMESTER III           CIV K2230/ENV* K245°         Water Resources Engineering         3           SUN RESOURCE SERVE RESOURCE Engineering Lab         1         1           ENG K131         Introduction to Speech Communication         3         3           ENG K231/ENV* K245°         Vac Resources Engineering Lab         1         1           ENG K121         Introduction to Speech Communication         3         3 <td>CIV K1500°</td> <td>Surveying I</td> <td>3</td> <td></td> <td></td>	CIV K1500°	Surveying I	3		
ENV* K105°   Elem. Cptr. Applications in Envir. Engrg. Tech   2	CIV K1501°	Surveying I Lab	1.5		
MAT* K137         Intermediate Algebra         (3)#           PHY* K114         Mechanics         (4)#           PHY* K114         Mechanics         (4)#           OTAL         20.5           SEMESTER II           CIV K2203°         Hydraulics         3           CIV K2510°         Surveying II         3           CIV K2510°         Surveying II Lab         1.5           ENG* K202°         Technical Writing         3           MAT* K186°         Precalculus         4           MEC K1106°         Introduction to Structural Mechanics Lab         1           Introduction to Structural Mechanics Lab         1           EXMESTER III           CIV K2230/ENV* K245°         Water Resources Engineering         3           CIV K2230/ENV* K245°         Water Resources Engineering Lab         1           ENG K131         Introduction to Speech Communication         3         1           ENY K K101         Environmental Studies         3         1           MAT* K254°         Calculus I         3         1           MEC K2120°         Strength of Materials         3         1           CAD K12	ENG* K101°	Composition	3		
PHY* K114         Mechanics TOTAL         (4)#           SEMESTER II           CIV K2203°         Hydraulics         3           CIV K2510°         Surveying II Cab         1.5           ENG* K202°         Technical Writing         3           MAT* K186°         Precalculus         4           MEC K1106°         Introduction to Structural Mechanics         3           MEC K1107°         Introduction to Structural Mechanics Lab         1           MEC K1107°         Introduction to Structural Mechanics Lab         1           MEC K1107°         Introduction to Structural Mechanics Lab         1           MEC K1107°         Universal Mechanics Lab         1           MEC K230/ENV* K245°         Water Resources Engineering         3           CIV K2231/ENV* K245°         Water Resources Engineering Lab         1           ENG K131         Introduction to Speech Communication         3           MAT* K254°         Calculus I         3           MEC K2120°         Strength of Materials         3           MEC K2120°         Strength of Materials         3           MEX K1200         Computer-Aided Drafting         1           CAD K1201         Computer-Aided Drafting Lab         2	ENV* K105°	Elem. Cptr. Applications in Envir. Engrg. Tech	2		
TOTAL         20.5           SEMESTER II           CIV K2203°         Hydraulics         3	MAT* K137	Intermediate Algebra	(3)#		
SEMESTER II           CIV K2203°         Hydraulics         3	PHY* K114	Mechanics	(4)#		
CIV K2203°         Hydraulics         3           CIV K2510°         Surveying II Lab         1.5           CIV K2511°         Surveying II Lab         1.5           ENG* K202°         Technical Writing         3           MAT* K186°         Precalculus         4           MEC K1106°         Introduction to Structural Mechanics         3           MEC K1107°         Introduction to Structural Mechanics Lab         1           TOTAL         18.5           SEMESTER III           CIV K2230/ENV* K245°         Water Resources Engineering         3           CIV K2231/ENV* K245°         Water Resources Engineering Lab         1           ENG K131         Introduction to Speech Communication         3           ENV* K101         Environmental Studies         3           MAT* K254°         Calculus I         3           MEC K2120°         Strength of Materials         3           Humanities/Social Sciences Elective         3           TOTAL         16           SEMESTER IV           CAD K1201         Computer-Aided Drafting         1           CAD K1201         Computer-Aided Drafting Lab         2           CIV K2200°         Soils Lab         1		TOTAL	20.5		
CIV K2510°         Surveying II Lab         1.5           CIV K2511°         Surveying II Lab         1.5           ENG° K202°         Technical Writing         3           MAT * K186°         Precalculus         4           MEC K1106°         Introduction to Structural Mechanics         3           MEC K1107°         Introduction to Structural Mechanics Lab         1           TOTAL         18.5           SEMESTER II           CIV K2230/ENV* K245°         Water Resources Engineering           CIV K2231/ENV* K245°         Water Resources Engineering Lab         1           ENG K131         Introduction to Speech Communication         3           ENV* K101         Environmental Studies         3           MAT* K254°         Calculus I         3           MEC K2120°         Strength of Materials         3           Humanities/Social Sciences Elective         3           TOTAL         16           SEMESTER IV           CAD K1201         Computer-Aided Drafting Lab         2           CIV K2200°         Soils         3           CIV K2200°         Soils Lab         1           CIV K2220°         Structural Design         3	SEMESTER II				
CIV K2511°         Surveying II Lab         1.5           ENG* K202°         Technical Writing         3           MAT* K186°         Precalculus         4           MEC K1100°         Introduction to Structural Mechanics         3           MEC K1107°         Introduction to Structural Mechanics Lab         1           TOTAL         18.5           SEMESTER III           CIV K2230/ENV* K245°         Water Resources Engineering         3           CIV K2231/ENV* K245L°         Water Resources Engineering Lab         1           ENG K131         Introduction to Speech Communication         3           ENV* K101         Environmental Studies         3           MAT* K254°         Calculus I         3           MEC K2120°         Strength of Materials         3           Humanities/Social Sciences Elective         3           TOTAL         16           SEMESTER IV           CAD K1200         Computer-Aided Drafting         1           CAD K1201         Computer-Aided Drafting Lab         2           CIV K2200°         Soils Lab         1           CIV K2221°         Sructural Design         3           CIV K2222°         Structural Design Lab <td< td=""><td>CIV K2203°</td><td>Hydraulics</td><td>3</td><td></td><td></td></td<>	CIV K2203°	Hydraulics	3		
ENG* K202°   Technical Writing   3	CIV K2510°	Surveying II	3		
MAT* K186°         Precalculus         4           MEC K1106°         Introduction to Structural Mechanics         3           MEC K1107°         Introduction to Structural Mechanics Lab         1           TOTAL         18.5           SEMESTER III           CIV K2230/ENV* K245°         Water Resources Engineering         3           CIV K2231/ENV* K245°         Water Resources Engineering Lab         1           ENG K131         Introduction to Speech Communication         3           ENV* K101         Environmental Studies         3           MAT* K254°         Calculus I         3           MEC K2120°         Strength of Materials         3           Humanities/Social Sciences Elective         3           TOTAL           SEMESTER IV           CAD K1200         Computer-Aided Drafting         1           CAD K1201         Computer-Aided Drafting Lab         2           CIV K2200°         Soils         3           CIV K2201°         Soils Lab         1           CIV K2222°         Structural Design         1           CIV K2223°         Structural Design Lab         1           ENV* K110°         Environmental Regul	CIV K2511°	Surveying II Lab	1.5		
MEC K1106°         Introduction to Structural Mechanics Lab         1           MEC K1107°         Introduction to Structural Mechanics Lab         1           TOTAL         18.5           SEMESTER III           CIV K2230/ENV* K245°         Water Resources Engineering         3           CIV K2231/ENV* K245L*         Water Resources Engineering Lab         1           ENG K131         Introduction to Speech Communication         3           ENV* K101         Environmental Studies         3           MAT* K254°         Calculus I         3           MEC K2120°         Strength of Materials         3           Humanities/Social Sciences Elective         3	ENG* K202°	Technical Writing	3		
Introduction to Structural Mechanics Lab   1   18.5	MAT* K186°	Precalculus	4		
Name	MEC K1106°	Introduction to Structural Mechanics	3		
SEMESTER III           CIV K2230/ENV* K245°         Water Resources Engineering         3	MEC K1107°	Introduction to Structural Mechanics Lab	1		
CIV K2230/ENV* K245°         Water Resources Engineering         3		TOTAL	18.5		
CIV K2231/ENV* K245L° Water Resources Engineering Lab  ENG K131 Introduction to Speech Communication  ENV* K101 Environmental Studies  MAT* K254° Calculus I  MEC K2120° Strength of Materials  Humanities/Social Sciences Elective  TOTAL  SEMESTER IV  CAD K1200 Computer-Aided Drafting  CAD K1201 Computer-Aided Drafting Lab  CIV K2200° Soils  Soils  CIV K2200° Soils  CIV K2201° Soils Lab  CIV K2222° Structural Design  CIV K2223° Structural Design Lab  ENV* K110° Environmental Regulations  Civil/Environmental Engrg. Technical Elective@  Math/Science Elective  3  —————————————————————————————————	SEMESTER III				
ENG K131         Introduction to Speech Communication         3           ENV* K101         Environmental Studies         3           MAT* K254°         Calculus I         3           MEC K2120°         Strength of Materials         3           Humanities/Social Sciences Elective         3           TOTAL         16           SEMESTER IV           CAD K1200         Computer-Aided Drafting         1           CAD K1201         Computer-Aided Drafting Lab         2           CIV K2200°         Soils         3           CIV K2201°         Soils Lab         1           CIV K2222°         Structural Design         3           CIV K2223°         Structural Design Lab         1           ENV* K110°         Environmental Regulations         3           Civil/Environmental Engrg. Technical Elective@         3           Math/Science Elective         3	CIV K2230/ENV* K245°	Water Resources Engineering	3		
ENV* K101	CIV K2231/ENV* K245L°	Water Resources Engineering Lab	1		
MAT* K254°       Calculus I       3	ENG K131	Introduction to Speech Communication	3		
MEC K2120°         Strength of Materials Humanities/Social Sciences Elective 3 TOTAL         3 Humanities/Social Sciences Elective 3 TOTAL         3 TOTAL         16           SEMESTER IV           CAD K1200         Computer-Aided Drafting 1 Computer-Aided Drafting Lab         2 COMPUTE C	ENV* K101	Environmental Studies	3		
Humanities/Social Sciences Elective	MAT* K254°	Calculus I	3		
TOTAL       16         SEMESTER IV         CAD K1200       Computer-Aided Drafting       1	MEC K2120°	Strength of Materials	3		
SEMESTER IV           CAD K1200         Computer-Aided Drafting         1		Humanities/Social Sciences Elective	3		
CAD K1200         Computer-Aided Drafting         1		TOTAL	16		
CAD K1201         Computer-Aided Drafting Lab         2           CIV K2200°         Soils         3           CIV K2201°         Soils Lab         1           CIV K2222°         Structural Design         3           CIV K2223°         Structural Design Lab         1           ENV* K110°         Environmental Regulations         3           Civil/Environmental Engrg. Technical Elective@         3           Math/Science Elective         3	SEMESTER IV				
CIV K2200°         Soils         3	CAD K1200	Computer-Aided Drafting	1		
CIV K2201°         Soils Lab         1	CAD K1201	Computer-Aided Drafting Lab	2		
CIV K2222°         Structural Design         3	CIV K2200°	Soils	3		
CIV K2223° Structural Design Lab 1  ENV* K110° Environmental Regulations 3  Civil/Environmental Engrg. Technical Elective@ 3  Math/Science Elective 3	CIV K2201°	Soils Lab	1		
ENV* K110° Environmental Regulations 3	CIV K2222°	Structural Design	3		
Civil/Environmental Engrg. Technical Elective@ 3  Math/Science Elective 3	CIV K2223°	Structural Design Lab	1		
Math/Science Elective 3	ENV* K110°	Environmental Regulations	3		
		Civil/Environmental Engrg. Technical Elective@	3		
TOTAL 20		Math/Science Elective	3		
		TOTAL	20		

( )# Crse. is a prereq. for this tech degree. °Crse. has a prereq. @ Students may take any other CIV or ENV\* course, BIO\* K145, or CHE\* K121.

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GRAND TOTAL

## PLAN OF STUDY REVIEWED BY:

Advisor	Date
114/1501	2
Student	Date
Preliminary Graduation	Audit Completed by:
Signature	Date
Signature	Dau

### 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:

- 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.