

**PLAN OF STUDY FORM - 2009/2010**  
**NUCLEAR ENGINEERING TECHNOLOGY † - KA92**  
 ASSOCIATE IN SCIENCE DEGREE  
 CREDITS REQUIRED — 67 - 68

**THREE RIVERS COMMUNITY COLLEGE**

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

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* K121°	General Chemistry I	4	_____	_____
_____φ	Computer Science Elective	3-4	_____	_____
ENG* K101°	Composition	3	_____	_____
MAT* K186°	Precalculus	(4)	_____	_____
NUC* K100	Introduction to Nuclear Systems	3	_____	_____
PHY* K114°	Mechanics	(4)	_____	_____
	<b>TOTAL</b>	<b>13-14</b>		
<b>SEMESTER II</b>				
COM* K173°	Public Speaking	(3)	_____	_____
ENG* K202°	Technical Writing	3	_____	_____
MAT* K254°	Calculus I	4	_____	_____
NUC* K110°	Radiation, Health, Safety	2	_____	_____
NUC* K111°	Radiation, Health, Safety Lab	1	_____	_____
NUC* K117°	Atomic and Reactor Physics	4	_____	_____
NUC* K118°	Nuclear Chemistry	1	_____	_____
PHY* K115°	Heat, Sound, Light	4	_____	_____
	<b>TOTAL</b>	<b>19</b>		
<b>SEMESTER III</b>				
EET* K144°	Fundamentals Electrical Circuits and Machines	3	_____	_____
EET* K145°	Fundamentals Electrical Circuits and Machines Lab	1	_____	_____
MAT* K256°	Calculus II	4	_____	_____
MEC* K272°	Fluid Mechanics/Thermodynamics	4	_____	_____
NUC* K250°	Reactor Theory	4	_____	_____
NUC* K260°	Nuclear Materials Science	2	_____	_____
NUC* K261°	Nuclear Materials Science Lab	1	_____	_____
	<b>TOTAL</b>	<b>19</b>		
<b>SEMESTER IV</b>				
MEC* K274°	Heat Transfer	2	_____	_____
MEC* K275°	Thermal Sciences Lab	1	_____	_____
NUC* K210°+	Nuclear Instruments and Control	2	_____	_____
NUC* K211°+	Nuclear Instruments and Control Lab	1	_____	_____
NUC* K220°	Nuclear Simulator	1	_____	_____
NUC* K221°	Nuclear Simulator Lab	1	_____	_____
NUC* K230°	Nuclear Topics	2	_____	_____
_____	Humanities/Social Sciences/ Fine Arts Elective	3	_____	_____
_____φφ	Restricted Elective	3	_____	_____
	<b>TOTAL</b>	<b>16</b>		
	<b>GRAND TOTAL</b>	<b>67-68</b>		

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

+ Students may select another 3 credit Technology Elective to replace NUC\* K210°/\*K211° to better meet their employment/future education goals with the approval of the Program Coordinator.

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

φ Typical selections are CSA\* K105, Intro to Software Applications, or CSC\* K108, Intro to Programming, to support future employment and education.

φφ An additional Humanities/Social Sciences/Fine Arts Elective is recommended. Or, another course appropriate for future employment or education may be selected with approval of the Program Coordinator.

**PLAN OF STUDY REVIEWED BY:**

Advisor \_\_\_\_\_ Date \_\_\_\_\_

Student \_\_\_\_\_ Date \_\_\_\_\_  
**Preliminary Graduation Audit Completed by:**

Signature \_\_\_\_\_ Date \_\_\_\_\_

† Program is accredited by the  
 Technology Accreditation Commission of ABET  
 111 Market Place, Suite 1050, Baltimore, MD 21202-4012  
 Telephone: (410) 347-7700

## **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.