

NUCLEAR ENGINEERING TECHNOLOGY † - KA92
 ASSOCIATE IN SCIENCE DEGREE
 CREDITS REQUIRED — 67 - 68

NAME: _____
 First Last

STUDENT ID# _____

Advanced Credits: _____ Name(s) of transfer college(s) _____
 Transfer Credits _____
 #CLEP/DSST _____
 #Credit by Exam _____
 #APL Credits _____
 #Military Credits _____

A combined maximum of 30 credits may be used to satisfy degree requirements

Course ID	Title of Course	Credits	Semester Completed	To Be Completed
SEMESTER I				
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)	_____	_____
	TOTAL	13-14		
SEMESTER II				
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	_____	_____
	TOTAL	19		
SEMESTER III				
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	_____	_____
	TOTAL	19		
SEMESTER IV				
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/	3	_____	_____
	Fine Arts Elective		_____	_____
_____φφ	Restricted Elective	3	_____	_____
	TOTAL	16	_____	_____
	GRAND TOTAL	67-68	_____	_____

°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

TECHNOLOGY DEPARTMENT DEFINITION OF ELECTIVES

FINE ARTS

Art (including ARC 102)
Graphic Arts
Music
Theater

HUMANITIES

Art (including ARC 102)
Communication(notCOM109&121)
English(not 100,101,102,202& 296)
Foreign Language
Graphic Arts
Literature
Music (Including ANT 136)
Philosophy
Sign Language
Theater

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 assigned advisor early in their first semester of enrollment. After advisement, the assigned advisor will remove the registration hold allowing the student to register. 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.

PROGRAM REQUIREMENTS

The plan of study used to determine graduation eligibility will be that under which the candidate first enrolled, except as noted in the following:

1. If the candidate was readmitted to the College, after an absence of two years or more, the Plan of Study at the time of being readmitted will be the plan of study the candidate will follow.
2. If the candidate changed his/her program one or more times during attendance, the Plan of Study used shall be that which was in effect at the time of the last change of program.
3. If the courses required within a program have been significantly changes since the time of enrolled readmission or change of program, or if other unusual circumstances exist as determined by the Registrar, the catalog in effect at the time of graduation may be used. If the candidate disagrees with the selection of catalog, he/she may seek written permission from the program coordinator and/or department chair to be evaluated under another catalog.
4. In no case will a student be permitted to use requirements from more than one catalog, or from a combination of catalogs, to meet graduation requirements.

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 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 Regents which may apply.