

PLAN OF STUDY FORM - 2000/2001

THAMES VALLEY CAMPUS - TRCTC

NUCLEAR ENGINEERING TECHNOLOGY – KA92

NAME: _____

ASSOCIATE IN SCIENCE DEGREE

First Last

CREDITS REQUIRED – 68

STUDENT ID# _____

Advanced Credits:

Transfer Credits _____

Name(s) of transfer college(s) _____

#CLEP/DANTES _____

#Credit by Exam _____

#APL Credits _____

#Military credits _____

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

<u>DEPT & NO.</u>	<u>TITLE OF COURSE</u>	<u>CREDITS</u>	<u>PLANNED</u>	<u>COMPLETED</u>
<u>SEMESTER I</u>				
CHE K111*	General Chemistry I	4	_____	_____
CSC K1142	Introduction to Programming	3	_____	_____
CSC K1143	Introduction to Programming Lab	1	_____	_____
ENG K111*	College Composition	3	_____	_____
MAT K141*	Precalculus	(4)#	_____	_____
NUC K1103	Introduction to Nuclear Systems	3	_____	_____
PHY K110*	Mechanics	(4)#	_____	_____
<u>SEMESTER II</u>				
ENG K225*	Writing in the Workplace (Technical Writing)	3	_____	_____
ENG K131	Introduction to Speech Communication	(3)#	_____	_____
MAT K151*	Calculus I	3	_____	_____
NUC K1100*	Radiation, Health Safety	2	_____	_____
NUC K1101*	Radiation, Health Safety Lab	1	_____	_____
NUC K1107*	Atomic and Reactor Physics	4	_____	_____
NUC K1117*	Nuclear Chemistry	1	_____	_____
PHY K120*	Heat, Sound, Light	4	_____	_____
<u>SEMESTER III</u>				
EET K2104*	Electricity and AC/DC Machinery	3	_____	_____
EET K2105*	Electricity and AC/DC Machinery Lab	1	_____	_____
MAT K152*	Calculus II	3	_____	_____
MEC K2126*	Fluid Mechanics-Thermodynamics	4	_____	_____
NUC K2118*	Reactor Theory	4	_____	_____
NUC K2122*	Nuclear Materials Science	2	_____	_____
NUC K2123*	Nuclear Materials Science Lab	1	_____	_____
	Humanities/Social Science Elective	3	_____	_____
<u>SEMESTER IV</u>				
MEC K2140*	Heat Transfer	2	_____	_____
MEC K2142*	Thermal Sciences Lab	1	_____	_____
NUC K2100*	Nuclear Instruments and Control**	2	_____	_____
NUC K2101*	Nuclear Instruments and Control Lab**	1	_____	_____
NUC K2110*	Nuclear Simulator	1	_____	_____
NUC K2111*	Nuclear Simulator Lab	1	_____	_____
NUC K2116*	Nuclear Topics	2	_____	_____
	Humanities/Social Science Elective	3	_____	_____
	Open Elective	2	_____	_____

* Course has a prerequisite or corequisite. Students should check course description in the catalog or semester class schedule.

** Students may select another 3 credit Nuclear Technology Elective to replace NUC 2100/2101 to better meet their employment/future education goals with the approval of their academic advisor.

()# Course is considered a prerequisite for this technology degree.

DEVELOPMENTAL COURSES COMPLETED:

Writing Workshop _____

Effective Reading _____

Basic Math Skills _____

Other _____

PLAN OF STUDY REVIEWED BY:

Advisor _____ Date _____

Student _____ Date _____

Graduation Audit Completed by:

Signature _____ Date _____