PLAN OF STUDY FORM - 97/98 **THAMES VALLEY CAMPUS - TRCTC**

NUCLEAR ENGINEERING TECHNOLOGY
ASSOCIATE IN SCIENCE DEGREE
CREDITS REQUIRED - 78 (68 if all # requirements met)

NAME:_____
First Last
SS#:_____/_____/_____

Advanced Credits:

Transfer Credits _____
#CLEP/DANTES _____
#Credit by Exam _____
#APL Credits _____
#Military credits _____

Name(s) of transfer college(s) _____

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

DEPT & NO.	TITLE OF COURSE	CREDITS	PLANNED	COMPLETED
SEMESTER I				
CHE 111*	General Chemistry I	#		
CSC 1142	Intro. to Programming/Pascal	3		
CSC 1143	Intro. to Programming/Pascal Lab	1		
ENG 111*	College Composition	3		
MAT 141*	Precalculus	3		
NUC 1103	Introduction to Nuclear Systems	3		
PHY 110*	Mechanics	#		
SEMESTER II				
ENG 122	Technical Writing	3		
ENG 131	Introduction to Speech Communication	#		
MAT 151*	Calculus I	3		
NUC 1100*	Radiation, Health Safety	2		
NUC 1101*	Radiation, Health Safety Lab	1		
NUC 1107*	Atomic and Reactor Physics	4		
NUC 1117*	Nuclear Chemistry	1		
PHY 120*	Heat, Sound, Light	4		
SEMESTER III				
EET 2104*	Electricity and AC/DC Machinery	3		
EET 2105*	Electricity and AC/DC Machinery Lab	1		
MAT 152*	Calculus II	3		
MEC 2126*	Fluid Mechanics-Thermodynamics	4		
NUC 2118*	Reactor Theory	4		
NUC 2122*	Nuclear Materials Science	2		
NUC 2123*	Nuclear Materials Science Lab	1		
_____	Humanities/Social Science Elective	3		
SEMESTER IV				
NUC 2100*	Nuclear Instruments and Control**	2		
NUC 2101*	Nuclear Instruments and Control Lab**	1		
MEC 2140*	Heat Transfer	2		
MEC 2142*	Thermal Sciences Lab	1		
NUC 2110*	Nuclear Simulator	1		
NUC 2111*	Nuclear Simulator Lab	1		
NUC 2116*	Nuclear Topics	2		
_____	Humanities/Social Science Elective	3		
_____	Open Elective	2		

* Course has a prerequisite. 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.

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