

PLAN OF STUDY FORM - 99/00

THAMES VALLEY CAMPUS - TRCTC

MECHANICAL ENGINEERING TECHNOLOGY ASSOCIATE IN SCIENCE DEGREE CREDITS REQUIRED - 67

NAME: _____
First Last
STUDENT ID# _____

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				
ENG K111*	College Composition	3	_____	_____
MAT K109*	Intermediate Algebra	(3)#	_____	_____
MEC K1110*	Engineering Graphics	1	_____	_____
MEC K1111*	Engineering Graphics Lab	2	_____	_____
MFG K1100	Manufacturing Process	3	_____	_____
MFG K1101	Manufacturing Process Lab	1	_____	_____
PHY K110*	Mechanics	(4)#	_____	_____
SEMESTER II				
CSC K1175	Computer Applications I	(3)#	_____	_____
ENG K225*	Writing in the Workplace (Technical Writing)	3	_____	_____
ENG K131	Introduction to Speech Communications	3	_____	_____
MAT K141*	Precalculus	4	_____	_____
MEC K1106*	Introduction to Structural Mechanics	3	_____	_____
MEC K1107*	Introduction to Structural Mechanics Lab	1	_____	_____
PHY K120*	Heat, Sound, Light	4	_____	_____
SEMESTER III				
CAD K1200	Computer-Aided Drafting	1	_____	_____
CAD K1201	Computer-Aided Drafting Lab	2	_____	_____
EET K1130*	Electric Circuits and Devices	3	_____	_____
EET K1131*	Electric Circuits and Devices Lab	1	_____	_____
MAT K151*	Calculus I	3	_____	_____
MEC K2120*	Strength of Materials	3	_____	_____
MEC K2122*	Materials Science	3	_____	_____
MEC K2123*	Materials Science Lab	1	_____	_____
MEC K2166*	Computer Aided Engineering	1	_____	_____
MEC K2167*	Computer Aided Engineering Lab	2	_____	_____
SEMESTER IV				
MEC K2124*	Fluid Mechanics	3	_____	_____
MEC K2127*	Fluid Mechanics/Thermodynamics Lab	1	_____	_____
MEC K2130*	Machine Design	3	_____	_____
MEC K2131*	Machine Design Lab	2	_____	_____
MEC K2162*	Thermodynamics	3	_____	_____
_____**	Technical Elective	3	_____	_____
_____	Technical Elective Lab	1	_____	_____
_____	Humanities/Social Science Elective	3	_____	_____

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

** The technical elective may include additional CAD courses or specialized courses such as Welding engineering Applications with approval of 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 _____