

PLAN OF STUDY FORM - 97/98

THAMES VALLEY CAMPUS - TRCTC

**MECHANICAL ENGINEERING TECHNOLOGY
ASSOCIATE IN SCIENCE DEGREE
CREDITS REQUIRED - 76 (66 if all # requirements are 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.

<u>DEPT & NO.</u>	<u>TITLE OF COURSE</u>	<u>CREDITS</u>	<u>PLANNED</u>	<u>COMPLETED</u>
<u>SEMESTER I</u>				
CAD 1100*	Engineering Graphics	1	_____	_____
CAD 1101*	Engineering Graphics Lab	2	_____	_____
ENG 111*	College Composition	3	_____	_____
MAT 109*	Intermediate Algebra	3	_____	_____
MFG 1100	Manufacturing Process	3	_____	_____
MFG 1101	Manufacturing Process Lab	1	_____	_____
PHY 110*	Mechanics	#	_____	_____
<u>SEMESTER II</u>				
CSC 1200	Introduction to Computers	#	_____	_____
CSC 1201	Introduction to Computers Lab	#	_____	_____
ENG 122	Technical Writing	3	_____	_____
ENG 131	Introduction to Speech Communications	#	_____	_____
MATH 141*	Precalculus	3	_____	_____
MEC 1106*	Introduction to Structural Mechanics	3	_____	_____
MEC 1107*	Introduction to Structural Mechanics Lab	1	_____	_____
PHY 120*	Heat, Sound, Light	4	_____	_____
<u>SEMESTER III</u>				
CAD 1200	Computer Aided Drafting	1	_____	_____
CAD 1201	Computer Aided Drafting Lab	2	_____	_____
EET 1130	Electric Circuits and Devices	3	_____	_____
EET 1131	Electric Circuits and Devices Lab	1	_____	_____
MAT 151*	Calculus I	3	_____	_____
MEC 2120*	Strength of Materials	3	_____	_____
MEC 2122*	Materials Science	3	_____	_____
MEC 2123*	Materials Science Lab	1	_____	_____
MEC 2166*	Computer Aided Engineering	1	_____	_____
MEC 2167*	Computer Aided Engineering Lab	2	_____	_____
<u>SEMESTER IV</u>				
MEC 2124*	Fluid Mechanics	3	_____	_____
MEC 2127*	Fluid Mechanics/Thermodynamics Lab	1	_____	_____
MEC 2130*	Machine Design	3	_____	_____
MEC 2131*	Machine Design Lab	2	_____	_____
MEC 2162*	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).

DEVELOPMENTAL COURSES COMPLETED:
 Writing Workshop _____
 Effective Reading _____
 Basic Math Skills _____

PLAN OF STUDY REVIEWED BY:
 Advisor _____ Date _____
 Student _____ Date _____
 Graduation Audit Completed by: _____