



## COMPUTER-AIDED DRAFTING

#5710

### Suggested Sequence by Semester

*This suggested sequence does not include any required developmental courses.*

*Degree completion time may vary depending upon the number of credits taken each semester.*

SEMESTER I			SEMESTER II			
CREDITS			CREDITS			
Math Elective		3/4	Concepts of Physics	OR	PHY 103	4
Computer-Aided Drafting I	ENR 117	2	Technical Physics I		PHY 111	4
Manufacturing Process for Engineering Technology	MEC 109	4	Computer-Aided Drafting II		ENR 118	2
English Composition I	ENG 111	3	Materials for Engineering Tech.		MEC 110	4
Intro to Experimentation & Design	ENR 132	<u>3</u>	Electronic Fabrication		ELT 210	1
			Computer Tech & Appl. <b>OR</b>		CMP 126	3/4
			Computer Concepts with Appl.		CMP 135	
			Technical Elective			1/4
	<b>TOTAL</b>	15/16			<b>TOTAL</b>	15/19

**MATHEMATICS:** MAT 110 (or higher) or MAT 124 or MAT 130. Please see your Academic Advisor for advice on course selection.

**PHYSICS:** Students with strong backgrounds in high school science and mathematics may elect to take PHY 111 Technical Physics 1 in place of PHY 103 Concepts of Physics, with their academic advisor's approval.

Courses ENR 103, MEC 109, MEC 110, PHY 111, ENR 117, ENR 118 and ENR 124 may be used by students deciding to earn an A.A.S. degree in Mechanical Engineering Technology.

**TECHNICAL ELECTIVE:** Courses with CMP, ENR, ELT, MEC and TEL prefixes can serve to fulfill this requirement. Please see your Academic Advisor for advice on course selection.

**HONORS COURSES:** You may be eligible to take honors courses in this major: For more information, contact Prof. Laura Gabrielsen, 973-328-5459.