

**TECHNOLOGY STUDIES: ENGINEERING TECHNOLOGY OPTION – COLLEGE OF TECHNOLOGY PATHWAY PROGRAM**

This curriculum is highly sequential. Therefore, in order to meet prerequisites please take courses in the suggested sequence.

Naugatuck Valley Community College  
Office of Academic Affairs  
PROGRAM OF STUDY SHEET

STUDENT NAME: \_\_\_\_\_ ID @ \_\_\_\_\_ DATE: \_\_\_\_\_

ADVISOR: \_\_\_\_\_ TRANSFER PLANS: \_\_\_\_\_

**SECTION A: GENERAL EDUCATION REQUIREMENTS**

<u>RECOMMENDED SEMESTER</u>	<u>COMPETENCY</u>	<u>COURSE NUMBER/TITLE</u>	<u>CREDITS</u>	<u>GRADE</u>
	Aesthetic Dimensions/Written Communications	ART*H101 or H102; DAN*H101; MUS*H101; THR*H101	3	
	Continuing Learning/Information Literacy/Ethics	ECN*H101 Principles of Macroeconomics	3	
	Historical Knowledge	HIS*H101, H102, H201 <b>OR</b> H202	3	
	Oral Communication	COM*H173 Public Speaking	3	
1	Quantitative Reasoning	MAT*H185 <b>OR</b> higher level MAT*	3 or 4	
3	Scientific Knowledge	CHE*H121 General Chemistry I	4	
1	Scientific Reasoning	PHY*H121 <b>OR</b> PHY*H221	4	
	Social Phenomena	PSY*H111 <b>OR</b> SOC*H101	3	
1	Written Communication/Critical Analysis/Logical Think	ENG*H101 Composition	3	
2	Written Communication	ENG*H202 Technical Writing	3	

**SECTION B: PROGRAM REQUIREMENTS**

<u>RECOMMENDED SEMESTER</u>	<u>COURSE</u>	<u>TITLE</u>	<u>CREDITS</u>	<u>GRADE</u>
1	TCN*H101	Introduction to Engineering Technology	3	
1	MFG*H104	Manufacturing Processes	4	
2		Any CAD* course (CAD*H150 and CAD*H170 have no prereqs)	3	
2	MAT*H254	Calculus I	4	
2	Choose from:	PHY*H122 General Physics II <b>OR</b> PHY*H222 Calculus-Based Physics II	4	
3	MEC*H114	Statics	3	
3	MAT*H256	Calculus II	4	
4	MEC*H238	Dynamics	4	
4	MAT*H167	Principles of Statistics	3	
		Any PHL* course	3	

**TOTAL CREDITS REQUIRED NOT FEWER THAN: 67-68**

ADDITIONAL COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STUDENT SIGNATURE \_\_\_\_\_ DATE: \_\_\_\_\_

ADVISOR SIGNATURE \_\_\_\_\_ E-MAIL: \_\_\_\_\_@nv.edu PHONE: (203) \_\_\_\_\_

Naugatuck Valley Community College Division of Science, Technology, Engineering & Mathematics  
**Technology Studies: Engineering Technology Option Associate of Science - College of Technology  
For Transfer to CCSU Mechanical or Manufacturing Engineering Technology program**

Student Name:

Student ID#: @

FIRST SEMESTER

Course	Credits	Pre-requisites	Enrolled	Grade
TCN*H101 Intro to Engineering Technology	3	none		
MFG*H104 Manufacturing Processes	4	none		
PHY*H121 General Physics I <i>OR</i> ----- PHY*H221 Calculus-based Physics I	4	MAT*H172 (co-req) MAT*H254		
MAT*H185 Trigonometric Functions <i>OR</i> ----- higher level math course	3 3-4	$\geq$ C in MAT*H172 Dependent on course		
ENG*H101 Composition	3	$\geq$ C in ENG*H063 or H096		
<b>Total</b>	<b>17-18</b>			

SECOND SEMESTER

Course	Credits	Pre-requisites	Enrolled	Grade
CAD* course	3	none		
MAT*H254 Calculus I	4	$\geq$ C in MAT*H185		
PHY*H122 General Physics II <i>OR</i> ----- PHY*H222 Calculus-based Physics II	4	PHY*H121 PHY*H221		
ENG*H202	3	$\geq$ C in ENG*H101		
PHL* course	3	ENG*H101		
<b>Total</b>	<b>17</b>			

THIRD SEMESTER

Course	Credits	Pre-requisites	Enrolled	Grade
MEC*H114 Statics	3	MAT*H172, PHY*H121, TCN*H101		
MAT*H256 Calculus II	4	$\geq$ C in MAT*H254		
CHE*H121 General Chemistry I	4	MAT*H172 (co-req)		
COM*H173 Public Speaking	3	none		
HIS*H101, H102, H201 <i>OR</i> H202	3	ENG*H101 eligibility		
<b>Total</b>	<b>17</b>			

FOURTH SEMESTER

Course	Credits	Pre-requisites	Enrolled	Grade
MEC*H238 Dynamics	4	MEC*H114, MAT*H254		
MAT*H167 Principles of Statistics	3	$\geq$ C in MAT*H136 or H137		
Fine arts course <sup>†</sup>	3	none		
PSY*H111 <i>OR</i> SOC*H101	3	ENG*H101 eligibility		
ECN*H101 Principles of Macroeconomics	3	none		
<b>Total</b>	<b>16</b>			
<b>Program Total</b>	<b>67-68</b>			

<sup>†</sup> Choose from any ART\*H101 or H102; DAN\*H101; MUS\*H101; THR\*H101