

**MECHANICAL ENGINEERING TECHNOLOGY**

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>
n/a	Aesthetic Dimensions/Written Communications	exempt	0	n/a
1	Continuing Learning/Information Literacy/Ethics	TCN*H101 Intro Engineering Tech	3	
n/a	Historical Knowledge	exempt	0	n/a
3 or 4	Oral Communication	Any OC ( <b>COM*H173 recommended</b> )	3	
1	Quantitative Reasoning	MAT*H172 College Algebra	3	
2	Scientific Knowledge	CHE*H121 General Chemistry I	4	
2	Scientific Reasoning	PHY*H121 General Physics I	4	
3 or 4	Social Phenomena	PSY*H111 General Psychology I	3	
1	Written Communication/Critical Analysis/Logical Think	ENG*H101 Composition	3	
2	Written Communication	ENG*H102, ENG*H200 or ENG*H202	3	

**SECTION B: PROGRAM REQUIREMENTS**

<u>RECOMMENDED SEMESTER</u>	<u>COURSE</u>	<u>TITLE</u>	<u>CREDITS</u>	<u>GRADE</u>
1	MFG*H104	Manufacturing Processes	4	
1	CAD*H150	CAD 2D	3	
2	MAT*H185	Trigonometric Functions	3	
2	CAD*H200	3D CAD Modeling	4	
3	MEC*H114	Statics	3	
3	Choose from:	MEC*H271 Fluid Mechanics <b>OR</b> MEC*H240 Fund. of Heat & Thermo†	4	
3	MAT*H254	Calculus I	4	
3	EET*H102	Electrical Applications	3	
4	MEC*H238	Dynamics	4	
4	MEC*H251	Materials Strength	4	
4	CAD*H285	Computer Integrated Manufacturing I	3	

**TOTAL CREDITS REQUIRED NOT FEWER THAN: 65**

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

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

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

† MEC\*H240 and MEC\*H271 are offered every other Fall semester.

Naugatuck Valley Community College Division of Science, Technology, Engineering & Mathematics  
**Mechanical Engineering Technology Associate of Science Degree**

Student Name:

Student ID#: @

FIRST SEMESTER

Course	Credits	Pre-requisites	Enrolled	Grade
MAT*H172 College Algebra	3	≥C in MAT*H136 or H137		
TCN*H101 Intro to Engineering Technology	3	none		
MFG*H104 Manufacturing Processes	4	none		
CAD*H150 CAD 2D	3	none		
ENG*H101 Composition	3	≥C in ENG*H063 or H096		
<b>Total</b>	<b>16</b>			

SECOND SEMESTER

Course	Credits	Pre-requisites	Enrolled	Grade
MAT*H185 Trigonometric Functions	3	≥C in MAT*H172		
PHY*H121 General Physics I	4	MAT*H172 (co-req)		
CHE*H121 General Chemistry I	4	MAT*H172 (co-req)		
CAD*H200 3D CAD Modeling	4	CAD*H150		
ENG*H102 <i>or</i> ENG*H200 <i>or</i> ENG*H202 <sup>††</sup>	3	≥C in ENG*H101		
<b>Total</b>	<b>18</b>			

THIRD SEMESTER

Course	Credits	Pre-requisites	Enrolled	Grade
MEC*H114 Statics	3	MAT*H172, PHY*H121, TCN*H101		
MAT*H254 Calculus I	4	≥C in MAT*H185		
MEC*H271 Fluid Mechanics <i>OR</i>	4	MEC*H114		
MEC*H240 Fund of Heat and Thermodynamics		CHE*H121		
EET*H102 Electrical Applications	3	MAT*H136 or H137 (co-req)		
Any Oral Communication course except ESL*H157 <sup>††</sup>	3	Dependent on course		
<b>Total</b>	<b>17</b>			

FOURTH SEMESTER

Course	Credits	Pre-requisites	Enrolled	Grade
MEC*H251 Materials Strength	4	MEC*H114		
MEC*H238 Dynamics	4	MEC*H114, MAT*H254		
CAD*H285 Computer Integrated Manufacturing	3	CAD*H200, MAT*H172		
PSY*H111 General Psychology I	3	ENG*H101 eligibility		
<b>Total</b>	<b>14</b>			
<b>Program Total</b>	<b>65</b>			

<sup>†</sup> Choose ENG\*H202 Technical Writing and COM\*H173 Public Speaking if transferring to CCSU.

<sup>††</sup> MEC\*H240 and MEC\*H271 are offered every other Fall semester.