

# ACADEMIC DEGREE MAP

## MECHANICAL ENGINEERING

### ASSOCIATE OF SCIENCE

1	COURSE		CREDITS	COMPLETED
	<b>MAT 210:</b> Calculus I* (Required Common Core: Mathematical and Quantitative Reasoning)	★	4	<input type="checkbox"/>
	<b>ENG 110:</b> Expository Writing (Required Common Core: English Composition)	★	3	<input type="checkbox"/>
	<b>CHE 210:</b> GENERAL CHEMISTRY I* (Required Common Core: Life and Physical Sciences)	★	4	<input type="checkbox"/>
	<b>FLEXIBLE COMMON CORE: INDIVIDUAL &amp; SOCIETY:</b> PSY 101 or SOC 101**		3	<input type="checkbox"/>
<b>SUB-TOTAL</b>			<b>13</b>	

2	COURSE		CREDIT	COMPLETED
	<b>MAT 220:</b> Calculus II*	🏆 ★	3	<input type="checkbox"/>
	<b>ENG 111:</b> Literature and Composition (Required Common Core: English Composition)	★	3	<input type="checkbox"/>
	<b>CHE 220:</b> General Chemistry II* (Flexible Common Core: Scientific World)	🏆 ★	4	<input type="checkbox"/>
	<b>FLEXIBLE COMMON CORE: WORLD CULTURES AND GLOBAL ISSUES:</b> HUM 100**		3	<input type="checkbox"/>
<b>SUB-TOTAL</b>			<b>16</b>	

3	COURSE		CREDITS	COMPLETED
	<b>MAT 310:</b> Calculus III*	🏆 ★	3	<input type="checkbox"/>
	<b>PHY 210:</b> General Physics I*	🏆 ★	3	<input type="checkbox"/>
	<b>CHE 310:</b> Organic Chemistry I* (Flexible Common Core: One (1) additional course from the Scientific World)		3	<input type="checkbox"/>
	<b>ME 14500:</b> Computer-Aided Drafting ***	🏆	3	<input type="checkbox"/>
	<b>FLEXIBLE COMMON CORE: US EXPERIENCE IN ITS DIVERSITY:</b> HIS 210 or HIS 211**		3	<input type="checkbox"/>
<b>SUB-TOTAL</b>			<b>15</b>	

4	COURSE		CREDITS	COMPLETED
	<b>PHY 220:</b> General Physics II*	🏆	4	<input type="checkbox"/>
	<b>ENG 202:</b> Technical Writing	🏆	3	<input type="checkbox"/>
	<b>ENGR 204:</b> Electrical Circuits	🏆	3	<input type="checkbox"/>
	<b>ME 24600:</b> Engineering Mechanics I***	🏆	3	<input type="checkbox"/>
	<b>FLEXIBLE COMMON CORE: CREATIVE EXPRESSION:</b> COM 110**		3	<input type="checkbox"/>
<b>SUB-TOTAL</b>			<b>16</b>	

SUMMER	COURSE		CREDITS	COMPLETED
	<b>MAT 320:</b> Linear Algebra & Vectors Analysis*	🏆	3	<input type="checkbox"/>
	<b>MAT 360:</b> Ordinary Differential Equations*	🏆	3	<input type="checkbox"/>
<b>SUB-TOTAL</b>			<b>6</b>	

**TOTAL CREDITS 60**

You've **FINISHED**

**MAJOR REQUIREMENT**

**MILESTONE**

MILESTONES ARE COURSES THAT MUST BE TAKEN IN SEQUENTIAL ORDER

**TWO WRITING INTENSIVE COURSES REQUIRED FOR GRADUATION**

**15 CREDITS PER SEMESTER**

GRADUATE ON TIME, SAVE MONEY & START YOUR CAREER!

**EXCELSIOR SCHOLARSHIP**

COVERS FULL TUITION  
MUST EARN 30 CREDITS PER YEAR

[www.hostos.cuny.edu/excelior](http://www.hostos.cuny.edu/excelior)

**CAMPUS SUPPORT FOR ACADEMIC SUCCESS**

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- [COUNSELING](#)
- [SCHOLARSHIPS](#)

**CAREER COACH**

CAREER COACH IS AN ONLINE TOOL THAT HELPS STUDENTS EXPLORE MAJORS AND IN-DEMAND CAREERS

[www.hostos.cuny.edu/careercoach](http://www.hostos.cuny.edu/careercoach)

**DEGREE AUDIT**

TO VIEW FULL DEGREE MAP ONLINE, SCAN QR CODE BELOW:

[degreeworks.cuny.edu](http://degreeworks.cuny.edu)

**NOTES**

PASSING GRADE REQUIREMENT:

\*MAT210, MAT220, MAT 310, MAT 320, MAT 360, CHE 210, CHE 220, CHE 310, PHY 210 AND PHY 220 REQUIRE A MINIMUM PASSING GRADE OF "C".

A 2.7 OVERALL GPA AND A 2.5 MATH AND SCIENCE GPA ARE REQUIRED TO TRANSFER TO THE CITY COLLEGE OF NEW YORK GROVE SCHOOL OF ENGINEERING.

\*\*COURSE(S) STRONGLY RECOMMENDED

\*\*\* ME 145 AND ME 246 WILL BE TAKEN AS AN EPERMIT AT THE CITY COLLEGE OF NEW YORK