



DEGREE MAP | ENERGY TECHNICIAN: MECHANICAL OPTION

Effective Fall 2018

This map will guide you through timely degree completion, though other paths are possible; please see other side if you require developmental English or math, and for additional information. Contact an advisor through My LaGuardia for additional support.

1ST YEAR

SEMESTER 1

#	Course	Fulfills	Priority	Credits	Session
ENG101	English Composition I	RC	X	3 (4HRS)	I
MAT115	College Algebra and Trigonometry	RC	X	3 (4HRS)	I
SCP101	Topics in Physics	RC		3 (4HRS)	I
MAE100	Introduction to Auto CAD	PC	X	4	I
HUA104	Intro to Design - Unrestricted Elective	PC		3 (2HRS)	II

SEMESTER 2

#	Course	Fulfills	Priority	Credits	Session
ENG259	Technical Writing	RC	X	3	I
MAT200	Precalculus	FC	X	4 (5HRS)	I
MAE107	Manufacturing Processes	PC		3 (5HRS)	I
MAE109	Introduction to Engineering	PC		2 (3HRS)	I
MAE110	Circuits Analysis I	PC		3 (4HRS)	II

2ND YEAR

SEMESTER 1

#	Course	Fulfills	Priority	Credits	Session
MAT201	Calculus	PC	X	4	I
MAE190	Material Sources	PC		3 (4HRS)	I
MAE111	Circuits Analysis II	PC	X	3 (4HRS)	I
MAE201	HVAC Systems	PC		3 (4HRS)	I
HUP102	Critical Thinking or other Flexible Course Option	FC		3	II

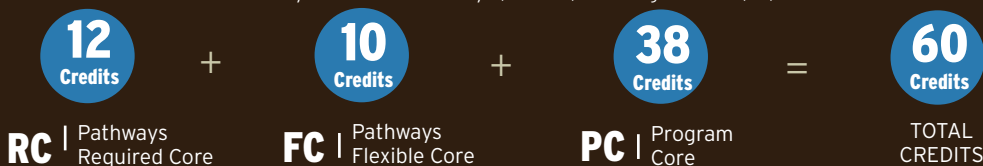
SEMESTER 2

#	Course	Fulfills	Priority	Credits	Session
MAE121	Instrumentation	PC	X	2 (3HRS)	I
MAE191	Statics and Strengths of Materials	PC		3 (4HRS)	I
MAE207	Intro to Thermodynamics for Technicians	PC		3 (4HRS)	I
MAE208	Electromechanical Devices	PC		3 (4HRS)	I
	Flexible Core Course Option (Urban Studies)	FC		3	II
MAE230	Senior Design Project	PC		2	II

Register in CUNY First for "Intent to Graduate" (GRDOOO) in your final semester

DEGREE FULFILLMENT

The Math, Engineering & Computer Science Department: Energy Technician major leads to an Associate of Applied Science degree. It is recommended that you take both Pathways (RC & FC) and Program Core (PC) each semester.



Your initial English and Math courses are based on placement exams. Please see reverse side if you placed into developmental English or Math.

INFO

CREDITS & HOURS

Courses often meet for the same hours per week as academic credits awarded, but in some cases your classes meet for more hours, listed here when applicable.

PRIORITY COURSES

Priority courses are designed to be taken at specific points in your studies and should be prioritized when scheduling your classes.

SESSION I & II

Each semester has two parts, Session I (12-weeks) and Session II (6-weeks). It is recommended that you take 15 credits per semester for timely graduation. For questions regarding financial aid or tuition and fees, please visit Student Financial Services in C-107.

For students placing into a developmental English or Math course

1ST SEMESTER

ENGLISH NEEDED

#	Course	Fulfills	Priority	Credits	Session
ENA101 or ENC101	Composition I - Accelerated Composition I - Introduction to Writing	RC	X	3 (7HRS) 3 (5HRS)	I
MAT115	College Algebra and Trigonometry	RC	X	3 (4HRS)	I
SCP101	Topics in Physics	RC		3 (4HRS)	II
MAE100	Introduction to Auto CAD	PC	X	3	II

MATH NEEDED

#	Course	Fulfills	Priority	Credits	Session
ENG101	English Composition I	RC	X	3 (4HRS)	I
MAT117	Algebra & Trigonometry	RC	X	3 (7HRS)	I
SCP101	Topics in Physics	RC		3 (4HRS)	II
MAE100	Introduction to Auto CAD	PC	X	4	II

INFO

Co-requisite English

If you need to take developmental English, and are eligible for ENA101 or ENC101, follow the 1st SEMESTER sequence shown on the left to satisfy developmental needs and the ENG101 Required Core, and then see other side for the second semester and beyond.

Co-requisite Math

If you need to take developmental Math, and are eligible for MAT117 (equivalent if MAT115) or MAT119 (equivalent of MAT120), follow the 1st SEMESTER sequence shown on the left to satisfy developmental math and the Mathematics Required Core, and then see other side for the second semester and beyond.

NOTE

It is recommended that you follow this Degree Map as much as possible, but you may need to alter the plan to fit your own schedule and needs.

MORE
INFO



LaGuardia.edu/Energy-Technician