

## Diesel Technology - Heavy Equipment Apprentice

Associate in Applied Science

Semester	1		Credits
DIES 222	Electronic Engine Diagnostics		3 <input type="checkbox"/>
ENGL 101	English Composition I		3 <input type="checkbox"/>
MATH ---	Math Elective		3 <input type="checkbox"/>
PHYS ---	Physics I Elective		3 <input type="checkbox"/>
LA	Liberal Arts Elective		3 <input type="checkbox"/>

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Semester	2		Credits
DIES 107	Engine Principles I		3 <input type="checkbox"/>
DIES 141	Fundamentals of Standby Power		4 <input type="checkbox"/>
ENGL 102	English Composition II		3 <input type="checkbox"/>
PHYS ---	Physics II Elective		3/4 <input type="checkbox"/>
HIST 131	The United State since 1945	<b>CHOOSE ONE</b>	3 <input type="checkbox"/>
HIST 251	American Labor History		3 <input type="checkbox"/>

16/17

Semester	3		Credits
DIES 150	Crane Safety		3 <input type="checkbox"/>
DIES 153	Rigging and Reeving		3 <input type="checkbox"/>
DIES 154	Electricity I		3 <input type="checkbox"/>
DIES 241	Environmental Health and Safety		3 <input type="checkbox"/>
DIES 401	Diesel Internship		3 <input type="checkbox"/>

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Semester	4		Credits
DIES 155	Electricity II		3 <input type="checkbox"/>
DIES 156	Heavy Equipment Preoperation Inspection		3 <input type="checkbox"/>
DIES 158	Earthmoving Equipment Operation		3 <input type="checkbox"/>
DIES 159	Welding		4 <input type="checkbox"/>
DIES 226	Hydraulics		3 <input type="checkbox"/>

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This academic map is a suggested semester-by-semester guide to keep you on a clear path to program completion. Your academic advisor will provide you with clear direction needed to stay on course and discuss scheduling options with you. Taking courses not reflected on this map may result in courses not counting toward the completion of your requirements.

Please note that program-specific courses are only offered on the Canton Campus.

### KEY

Keep an eye out for these symbols, which give important information about certain courses.



These courses have no prerequisites or developmental courses required.



These courses are only offered in certain semesters.



Students must earn a minimum grade in these courses to remain in the program.



Eligible electives for this program are listed on the reverse. Watch for this symbol.

### HELPFUL HINTS



Summer and/or Winter Session classes may be available for your program to help you finish on time. See your advisor or visit the online course search for availability.



Taking 15 credits/semester or 30 credits/year will help you stay on track to finish your degree in two years.



CONGRATULATIONS  
**You've Arrived!**

## Program Notes

This program constitutes an articulation agreement between Massasoit Community College Diesel Technology department and the Hoisting and Portable Engineers Local 4 Apprenticeship Program.

The Diesel Technology Heavy Equipment Apprentice program is for students who enrolled in or have graduated from the Local 4 Apprenticeship Program. Students must provide verification of enrollment and/or an official copy of the graduation transcript.

Students will be able to transfer courses from their apprenticeship program that will be accepted for the following Massasoit courses and applied to the degree:

### Local 4 Courses

Preoperation Inspection

Earthmoving Equipment Operation

Health and Safety

Hydraulics

Electricity I

Welding

Electricity II

Rigging and Reeving

Crane Safety

Coop/Apprenticeship Hours

### Massasoit Courses

DIES 156

DIES 158

DIES 241

DIES 226

DIES 154

DIES 159

DIES 155

DIES 153

DIES 150

DIES 401

Some courses may have prerequisites, which are courses that **must** be taken prior to a particular course. For details, log into Degree Works through your MyMassasoit portal.

**A minimum of 62 credits and 20 courses is required for completion. The same course may not be used to satisfy two different course requirements.**

## After Graduation/Completion

## Resources for Academic Success

All college phone numbers are  
508-588-9100 + extension.

### Student Central

Admissions, financial aid, registration & payments

[massasoit.edu/studentcentral](https://massasoit.edu/studentcentral)  
[studentcentral@massasoit.mass.edu](mailto:studentcentral@massasoit.mass.edu)

Brockton | Student Center, Upper Level  
Canton | First Floor, C121

Admissions: x1411 Financial Aid: x1479  
Registrar: x1949 Student Accounts: x1507

### Testing & Assessment

[massasoit.edu/testing](https://massasoit.edu/testing)

Brockton | Student Center, Lower Level | x1991

### Advising, Career & Transfer Center

[massasoit.edu/act-center](https://massasoit.edu/act-center)  
[act@massasoit.edu](mailto:act@massasoit.edu)

Brockton | Student Center, Lower Level | x1461  
Canton | First Floor, C126 | x2516

### Academic Resource Center

Tutoring & academic support services

[massasoit.edu/arc](https://massasoit.edu/arc)

Brockton | Student Center, Lower Level | x1801  
Canton | First Floor, C126 | x2516

### Access & Disability Resources

[massasoit.edu/adr](https://massasoit.edu/adr) | x1807

### Division Associate Vice President

Katie Ruggieri, Ph.D. | [sciencemath@massasoit.edu](mailto:sciencemath@massasoit.edu) | x1608

### Brockton

1 Massasoit Boulevard  
Brockton, MA 02302

### Canton

900 Randolph Street  
Canton, MA 02021

### Middleborough

49 Union Street  
Middleborough, MA 02346

**508-588-9100**  
**massasoit.edu**