

## Diesel Technology

## Associate in Applied Science

Semester 1			Credits
DIES 107	Engine Principles I		3 <input type="checkbox"/>
DIES 108	Electrical Systems		3 <input type="checkbox"/>
DIES 123	Truck Components I		3 <input type="checkbox"/>
ENGL 101	English Composition I		3 <input type="checkbox"/>
MATH ---	Math Elective		3 <input type="checkbox"/>

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Semester 2			Credits
DIES 124	Truck Components II		3 <input type="checkbox"/>
DIES 141	Fundamentals of Standby Power		4 <input type="checkbox"/>
DIES 223	Compressed Natural Gas Engines		3 <input type="checkbox"/>
DIES 226	Hydraulics		3 <input type="checkbox"/>
HIST 131	The United State since 1945	CHOOSE ONE	3 <input type="checkbox"/>
HIST 251	American Labor History		

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Semester 3			Credits
DIES 122	Fuel Systems		3 <input type="checkbox"/>
DIES 222	Electronic Engine Diagnostics		3 <input type="checkbox"/>
ENGL 102	English Composition II		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 4			Credits
DIES 133	Governing and Computer Control Systems		3 <input type="checkbox"/>
DIES 134	Multi-Cylinder Overhaul		4 <input type="checkbox"/>
DIES 241	Environmental Healthy and Safety		3 <input type="checkbox"/>
DIES ---	Diesel Elective	CHOOSE ONE	
DIES 401	Diesel Internship		3 <input type="checkbox"/>
PHYS ---	Physics II Elective		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.

### Milestones

Multi-Cylinder Overhaul is a Capstone course offered in the last semester that combines all of the knowledge gained through the program to properly diagnose and repair running engines in equipment being utilized in many different applications.

### About Developmental Courses

Developmental courses do not satisfy graduation requirements, but are required for those who place into them and will appear on a student's transcript. Placement into one of the following courses indicates that a student needs additional preparation before enrolling in college-level courses:

ENGL 091	Preparing for College Reading I
ENGL 092	Preparing for College Reading II
ENGL 095	Reading and Writing Seminar
ENGL 098	Reading and Writing Studio
ENGL 099	Introductory Writing
MATH 001-003	Preparing for College Math I-III
MATH 010	Fundamentals of Mathematics
MATH 011	Introductory Algebra
MATH 012	Intermediate Algebra
MATH 060	Math Literacy
MATH 061	Non-algebra Support
MATH 065	Integrated Preparation for College Algebra

### 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

It is strongly recommended that the student follow the intended semester sequence since courses build upon the knowledge attained from the previous semester.

If students elect to take MATH 125 and PHYS 132, these courses are only offered in the fall.

If students elect to take MATH 126 and PHYS 133, these courses are only offered in the spring.



**Math Elective:** MATH 125 Technical Math I or higher

**Physics I Elective:** PHYS 132 Concepts of Tech Physics I, PHYS 141 Technical Physics I, PHYS 151 College Physics I, or PHYS 161 General Physics I

**Physics II Elective:** Must be the next sequential course of the Physics I Elective: PHYS 133 Concepts of Tech Physics II, PHYS 142 Technical Physics II, PHYS 152 College Physics II, or PHYS 162 General Physics II

**Other Electives:** Students choosing a liberal arts elective can select from the Course Elective Guide at [massasoit.edu/electives](http://massasoit.edu/electives).

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

Explore your career and education options with CareerGPS at [careergps.mass.edu](http://careergps.mass.edu).

## Resources for Academic Success

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

### Student Central

Admissions, financial aid, registration & payments

[massasoit.edu/studentcentral](http://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](http://massasoit.edu/testing)

Brockton | Student Center, Lower Level | x1991

### Advising, Career & Transfer Center

[massasoit.edu/act-center](http://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](http://massasoit.edu/arc)

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

### Access & Disability Resources

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

### Division Dean

Dr. Carine Sauvignon | [emergenttech@massasoit.mass.edu](mailto:emergenttech@massasoit.mass.edu) | x2106

### 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**