














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 	CHOOSE ONE 3 <input type="checkbox"/>
HIST 251	American Labor History 	

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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.

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

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	Massasoit Courses
Preoperation Inspection	DIES 156
Earthmoving Equipment Operation	DIES 158
Health and Safety	DIES 241
Hydraulics	DIES 226
Electricity I	DIES 154
Welding	DIES 159
Electricity II	DIES 155
Rigging and Reeving	DIES 153
Crane Safety	DIES 150
Coop/Apprenticeship Hours	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
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

Brockton | Student Center, Lower Level | x1991

Advising, Career & Transfer Center

massasoit.edu/act-center
act@massasoit.edu

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

Academic Resource Center

Tutoring & academic support services

massasoit.edu/arc

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

Access & Disability Resources

massasoit.edu/adr | x1807

Division Associate Vice President

Carine Sauvignon, Ed.D. | 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

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