

INDUSTRY, MANUFACTURING, AND CONSTRUCTION

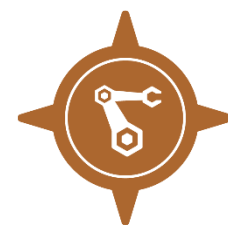
GUIDED PATHWAY: ENGINE TECHNOLOGY – MARINE/SMALL ENGINE TECHNOLOGY

For more information, visit www.dcccd.edu/engine and your academic advisor at your college.

This is an example course sequence for students interested in pursuing the Engine Technology-Marine/Small Engine Technology Certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a certificate in Engine Technology-Marine/Small Engine Technology ⁱⁱ. Gainful employment information for this certificate can be found at https://www1.dcccd.edu/catalog/programs/degree_gei.cfm?a=218. For official certificate requirements, [click here](#).

This certificate program is designed to provide students interested in Engine Technology as an option for training in Marine Engine Technology OR Small Engine Technology. Students will be able to go right to work or start on your next engine project with an up-to-date troubleshooting and repair techniques, mechanical theory plus hands-on experience, a solid foundation in engine transmissions, electrical systems, troubleshooting and tune-up procedures. Courses that complete the Marine Track Certificate (M) and Small Engine Track Certificate (SE) are noted below. **A student must complete all courses in ONE specialty track option (Marine or Small Engine) to be awarded this certificate.**

Students pursuing this certificate are waived from the [Texas Success Initiative \(TSI\)](#) standards, but must meet course prerequisites, as long as the student completes the TSI waiver form prior to enrollment.



ONLY Offered at CVC

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS ⁱⁱⁱ

ALL PLANS CAN BE MODIFIED TO FIT THE NEEDS OF PART-TIME STUDENTS

M	MARINE TRACK – SEMESTER 1	ACTION ITEMS
♦	SMER 1404 – Marine Equipment Service Principles	<input type="checkbox"/> Meet with your advisor to confirm academic and career goals before the end of the semester. <input type="checkbox"/> Meet with a career advisor or coach to research your career options and opportunities for job shadowing. <input type="checkbox"/> Meet with a faculty or career advisor regarding placement for the Cooperative course.
♦	SMER 1401 – Marine Engine Tune-up	
♦	SMER 1407 – Marine Engine Overhaul	

MARINE TRACK TOTAL SEMESTER CREDIT HOURS: 12

M	MARINE TRACK – SEMESTER 2	ACTION ITEMS
♦	SMER 1413 – Marine Electrical Systems	<input type="checkbox"/> Meet with your advisor to request an official program of study audit, confirm or update your academic and career path and program of study <input type="checkbox"/> After reviewing your degree plan and program of study, apply for graduation. <ul style="list-style-type: none"> ○ Meet with your advisor to apply for the Marine/Small Engine Technology Certificate.
♦	SMER 1410 – Marine Drive Units	
♦	SMER 1380 – Cooperative Education-Small Engine Mechanics and Repair Technology/Technicians OR SMER 1191 – Special Topics in Motorcycle Mechanics and Repairer AND SMER 1266 – Practicum (or Field Experience)-Small Engine Mechanics and Repair Technology/Technician	

MARINE TRACK TOTAL SEMESTER CREDIT HOURS: 11

MARINE TRACK: 23 SEMESTER CREDIT HOURS | PATHWAY TOTAL: 23 SEMESTER CREDIT HOURS

SE	SMALL ENGINE TRACK – SEMESTER 1	ACTION ITEMS
♦	SMER 1428 – Small Engine Service Principles	<input type="checkbox"/> Meet with your advisor to confirm academic and career goals before the end of the semester. <input type="checkbox"/> Meet with a career advisor or coach to research your career options and opportunities for job shadowing. <input type="checkbox"/> Meet with a faculty or career advisor regarding placement for the Cooperative course, if needed.
♦	SMER 1431 – Small Engine Tune-up	
♦	SMER 1438 – Small Engine Drive Systems	

SMALL ENGINE TRACK TOTAL SEMESTER CREDIT HOURS: 12

SE	SMALL ENGINE TRACK – SEMESTER 2	ACTION ITEMS
♦	SMER 1437 – Small Engine Four Stroke Engine	<input type="checkbox"/> Meet with your advisor to request an official program of study audit, confirm or update your academic and career path and program of study <input type="checkbox"/> After reviewing your degree plan and program of study, apply for graduation. <ul style="list-style-type: none"> ○ Meet with your advisor to apply for the Marine/Small Engine Technology Certificate.
♦	SMER 1425 – Small Engine Electrical Systems	
♦	SMER 1380 – Cooperative Education-Small Engine Mechanics and Repair Technology/Technician OR SMER 1191 – Special Topics in Small Engine Mechanic and Repairer AND SMER 1266 – Practicum (or Field of Experience)-Small Engine Mechanics and Repair Technology/Technician	

SMALL ENGINE TRACK TOTAL SEMESTER CREDIT HOURS: 11

SMALL ENGINE TRACK: 23 SEMESTER CREDIT HOURS | PATHWAY TOTAL: 23 SEMESTER CREDIT HOURS

ⁱ Degree plans may change in later catalogs. You may use this pathway if you entered one of the seven colleges on or before this date.

ⁱⁱ Students must earn at least 25% of the credit hours required for graduation through instruction by one of the seven DCCCD colleges awarding the certificate.

ⁱⁱⁱ This is not an official degree plan. For official certificate requirements, [click here](#).