



College Credit Certificate – Marine Technology Educational Plan (Full-Time)

Fall First Year	Credit	Spring First Year	Credit
MTE 1002 – Introduction to Marine Engineering (3) OR ETI – Industrial Tools and Equipment (3) OR EGN 1002C - Introduction to Engineering (3)	3	MTE 1180C Engine Installation and Repowering	3
MTE 1040C – Marine Diesel Engines I (3)	3	MTE 1651C Marine Gas and Electric Welding	3
MTE 1053C – 2 & 4 Cycle Outboard Repair and Maintenance (3)	3	MTE 1167C – Marine Fuel Systems (3)	3
MTE 1400C Applied Marine Electricity	3	MTE 2234C Marine Gearcase, Outdrives, and Transmission Systems	3
MTE 1167C – Marine Fuel Systems (3)	3	*Elective	3
*Elective	1	*Elective	3
Total	16	Total	18
		TOTAL	34

Program Description: This program is designed for those students who want training in marine gasoline and diesel engines without immediately pursuing the Associate in Applied Science degree. The certificate is issued by the Marine Engineering Department and attests to the completion of the courses outlined below. These courses may also apply to the A.A.S. degree in Marine Engineering, Management, and Seamanship if a student later decides on that option. Program duration is approximately one (1) calendar year.

*Suggested Electives:

Make elective choices based upon the desired career path you aspire to achieve. (Choose any courses below to equal 10 credits)

Maintenance Technician

MTE 1044C – Portable Outboard Engine Maintenance (3)
MTE 1045C – Midrange Outboard Engine Maintenance (3)
MTE 1046C – Inline Outboard Engine Maintenance (3)
MTE 1047C – V-Engine Maintenance (3)

Advanced Marine Technician

MTE 1041C – Marine Diesel Engines II (3)
MTE 2043C – Marine Internal Combustion Engines
MTE 2058C – Diesel Engine Testing Troubleshooting Procedures (3)
MTE 2072C – Marine Propulsion Gasoline Engine Troubleshooting (3)

Additional Elective Options

MTE 1000 – Marine Engineering Lab Safety (1)
MTE 2234C – Marine Drive Train Systems (3)
MTE 2420C – Advanced Electrical Systems (3)
MTE 2541C – Marine Auxiliary Equipment Servicing (3)
MTE 2931 – Specialty Marine Engineering Training I (1-4) MTE 2932 – Specialty Marine Engineering Training II (5-8)
MTE 2940 – Internship Marine Engineering, Management, and Seamanship (1-4)

The courses listed on this sheet are only a guide. Following these tracks does not guarantee admission into a university. Course requirements may change each year. You are responsible and encouraged to work closely with your advisor. Some courses are offered night/online only every other year.

For more information, contact Advising Services at email: advising.services@cfk.edu.