



Industrial Marine Electronics Technology Technical Diploma 2020-2021

SEMESTER 1			
IMEL 1005	Direct Current Circuits	5 Credits	Grade Earned:
IMEL 1105	Alternating Current Circuits	5 Credits	Grade Earned:
IMEL 1206	Semiconductors and Transistor Circuits	6 Credits	Grade Earned:
	CTS: Electronics Technician TOTAL SEMESTER CREDITS	16	
SEMESTER 2			
IMEL 1603	Programmable Logic Controllers	3 Credits	Grade Earned:
IMEL 1705	Remote Operated Vehicles	5 Credits	Grade Earned:
IMEL 1805	Advanced Remote Operated Vehicles	5 Credits	Grade Earned:
	See note 1 TOTAL SEMESTER CREDITS	13	
SEMESTER 3			
IMEL 1307	Digital Circuits	7 Credits	Grade Earned:
IMEL 1406	Industrial Marine Hydraulics	6 Credits	Grade Earned:
IMEL 1503	Motor Controls	3 Credits	Grade Earned:
	See note 2 TOTAL SEMESTER CREDITS	16	
Technical Diploma – Industrial Marine Electronics Technology		45	
TOTAL DEGREE CREDITS			

A grade of “C” or higher is required in all courses.

DEGREE NOTES:

¹ Upon completion of IMEL 1307, 1406, and 1503 a student is eligible for a CTS: Industrial Marine Electronics and Hydraulics Technician.

² In addition to the core coursework, students interested in the CTS: Two-Way Technician certification will need to complete the following electives: IMEL 2100 (Two-Way Receivers) IMEL 2120 (Two-Way Transmitters), and IMEL 2130 (Two-way Computer Applications). Upon successful completion of the Two-Way Technician certificate, students will be eligible to attempt the FCC Examination for licensure. A grade of “C” or higher is required in all courses.

This degree plan is an academic planning resource. The applicable edition of the college catalog is the official source for all degree requirements. The college reserves the right to change, modify, or alter this resource without notice. The college strongly encourages students to consult their advisors for questions regarding degree completion. OAA 12-20 Updated.