



Technical Studies
Industrial Marine Electronics Technology
Associate of Applied Science
2020-2021

MAJOR COURSES			
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:
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:
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:
¹ TOTAL MAJOR CREDITS		45	
GENERAL EDUCATION COURSES			
ENGL 1010	Rhetoric & Composition	3 Credits	Grade Earned:
MATH 1105	College Algebra	3 Credits	Grade Earned:
Humanities - Choose from General Education Courses: History (HIST); English (ENGL 2XXX) except ENGL 2045 and 2070; or Communications (CMCN) except CMCN 1170, 1270, and 2145.	List Course:	3 Credits	Grade Earned:
Social/Behavioral Science - Choose from General Education Courses: Anthropology (ANTH), Criminal Justice (CJUS), Economics (ECON), Geography (GEOG), Political Science (POLI), Psychology (PSYC), or Sociology (SOCL).	List Course:	3 Credits	Grade Earned:
Natural/Physical Science - Choose from General Education Courses: Biology (BIOL), Chemistry (CHEM), Environmental Science (ENSC), Geology (GEOL), Physical Science (PHSC), or Physics (PHYS).	List Course:	3 Credits	Grade Earned:
TOTAL GENERAL EDUCATION CREDITS		15	
Associate of Applied Science: Technical Studies			
TOTAL DEGREE CREDITS		60	

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

DEGREE NOTES

¹ 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. OAA5/2020