

SEMESTER 1				
ORNT 1000	Freshman Seminar	1 Credit	Semester Taken:	Grade Earned:
IMEL 1020	Introduction to Direct Current Circuits	3 Credits	Semester Taken:	Grade Earned:
IMEL 1030	Introduction to Alternating Current Circuits	3 Credits	Semester Taken:	Grade Earned:
IMEL 1210	Introduction to Semiconductors	3 Credits	Semester Taken:	Grade Earned:
IMEL 1220	Fundamentals of Transistor Circuits	3 Credits	Semester Taken:	Grade Earned:
IMEL 1230	Basic Digital Circuits	3 Credits	Semester Taken:	Grade Earned:
see note 1 TOTAL SEMESTER CREDITS		16		
SEMESTER 2				
IMEL 1240	Advanced Digital Circuits	3 Credits	Semester Taken:	Grade Earned:
CPTR 1000	Introduction to Computers	2 Credits	Semester Taken:	Grade Earned:
JOBS 2450	Job Seeking Skills	2 Credits	Semester Taken:	Grade Earned:
IMEL 1100	Industrial Marine Hydraulics I	3 Credits	Semester Taken:	Grade Earned:
IMEL 1120	Industrial Marine Hydraulics II	3 Credits	Semester Taken:	Grade Earned:
see note 2 TOTAL SEMESTER CREDITS		13		
SEMESTER 3				
IMEL 1130	Industrial Marine Electronics I	3 Credits	Semester Taken:	Grade Earned:
IMEL 1140	Industrial Marine Electronics II	3 Credits	Semester Taken:	Grade Earned:
see note 3 TOTAL SEMESTER CREDITS		6		
SEMESTER 4				
IMEL 1150	Remotely Operated Vehicle I	3 Credits	Semester Taken:	Grade Earned:
IMEL 1160	Remotely Operated Vehicle II	4 Credits	Semester Taken:	Grade Earned:
IMEL 1170	Remotely Operated Vehicle III	3 Credits	Semester Taken:	Grade Earned:
TOTAL SEMESTER CREDITS		10		
Technical Diploma – Industrial Marine Electronics Technology		45		
TOTAL DEGREE CREDITS				

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

NOTES:

¹ TCA: Electronics Helper I is awarded after a student has earned a "C" or higher in the following courses: ORNT 1000, IMEL 1020, and IMEL 1030. TCA: Electronics Helper II is awarded after a student has earned a "C" or higher in the following courses: ORNT 1000, IMEL 1020, IMEL 1030, IMEL 1210, IMEL 1220, and IMEL 1230.

² CTS: Electronics Technician is awarded after a student has earned a "C" or higher in the following courses: ORNT 1000, IMEL 1020, IMEL 1030, IMEL 1210, IMEL 1220, IMEL 1230, IMEL 1240, CPTR 1000, and JOBS 2450.

³ CTS: Industrial Marine Electronics Technician is awarded after a student has earned a "C" or higher in the following courses: ORNT 1000, IMEL 1020, IMEL 1030, IMEL 1130, IMEL 1140, IMEL 1210, IMEL 1220, IMEL 1230, IMEL 1240, CPTR 1000, and JOBS 2450. CTS: Industrial Marine Electronics and Hydraulics Technician is awarded after a student has earned a "C" or higher in the following courses: ORNT 1000, IMEL 1020, IMEL 1030, IMEL 1100, and IMEL 1120, IMEL 1130, IMEL 1140, IMEL 1210, IMEL 1220, IMEL 1230, IMEL 1240, CPTR 1000, and JOBS 2450.

In addition to the core coursework (ORNT 1000, IMEL 1020, IMEL 1030, IMEL 1210, IMEL 1220, IMEL 1230), 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.

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