

EM – Electrician’s Mate

Associate of Applied Science Degree: Industrial Technology (963)

ACE Identifier: NER-EM-005

ACE Exhibit Dates: May 1996 – July 2006

Catalog Year: 2014/2015-Present

This Degree Roadmap is an unofficial worksheet representing the possible application of ACE-recommended credits for this rating to this degree. An official evaluation will be conducted upon receipt of the official JST, other transcripts, and the *Request to Evaluate Educational Experiences* form by the TCC Office of the College Registrar.

Course Number	Course Title	Credits	Prerequisite	SOC Category Codes	E3	E4	E5	E6	E7	E8	E9
General Education Requirements				ACE Recommended Credit							
ENG 111	College Composition I ³	3	Placement	EN201A							
MTH 163	Precalculus I ³	3	Placement								
MTH 164	Precalculus II ³	3	MTH 163	MH049A							
SDV 101	Orientation to Engineering and Technologies	1									
	Health/Physical Education Elective	2			2	2	2	2	2	2	2
	Humanities Elective ^{1,3}	3									
	Social Science Elective ^{1,3}	3									
	Social Science Elective ^{1,3}	3									
Major Area of Study											
BUS 204	Project Management	3									
IND 101	Quality Assurance Technology I	3				3	3	3	3	3	3
IND 106	Industrial Engineering Technology	3							3	3	3
IND 115	Materials and Processes of Industry	4									
IND 121	Industrial Supervision I	3						3	3	3	3
IND 137	Team Concepts and Problem Solving	3									
IND 145	Introduction to Metrology	3									
IND 146	Statistical Quality Control	3									
IND 150	Industrial Management	3									
IND 237	Fundamentals of ISO 9000	3									
ITE 115	Introduction to Computer Applications and Concepts ⁴	4		OF037A			4	4	4	4	4
SAF 120	Safety and Health Standards: Regulations and Codes	3							3	3	3
	Approved IND Elective ^{2,4}	3				3	3	3	3	3	3
	Approved IND Elective ^{2,4}	3				3	3	3	3	3	3
	TOTAL MINIMUM CREDITS⁵	65			2	11	15	18	24	24	24

1 Eligible courses are listed in the TCC catalog. Contact your TCC advisor if you have questions.

2 Consult with the program head or counselor. Courses must be approved by the appropriate academic dean.

3 CLEP or DSST credit may be applicable. See your TCC advisor.

4 Credit for completion of "A" or "C" school may be applied, with appropriate JST documentation.

5 All students must complete a minimum of 25% of their program through TCC to meet residency requirements.