

# Industrial Technologies

## Photovoltaics Certificate

403400 Revised 11/2018 (Fall 2019)

General Education Requirements		Credits	Semester Taken	Prerequisites
COLL 100	First Year Seminar	1		
CSIS 115	Computer Concepts and Applications	3		
EHSS 112	Intro to Health and Safety for Construction	1		
MATH 103	Technical Math I or higher	3-5		MATH 31 with a grade of S or appropriate placement
INTE 107	Industrial Electrical Safety	2		
INTE 112	Industrial Electrical DC Principles	2		Concurrent Enrollment or completion of MATH 103 or Higher
INTE 113	Industrial Electrical AC Principles	2		INTE 112 or equivalent
INTE 115	Electrical Print Reading	3		INTE 113
INTE 142	National Electrical Code	3		INTE 113
INTE 165	Wiring Methods and Materials Installation	3		INTE 113, 115, and INTE 142 as a co-requisite
INTE 185	Solar/Photovoltaic Systems	3		HVAC 109 or INTE 115
INTE 230	Solar/Photovoltaic Design and Installation	4		INTE 185, INTE 142, and either HVAC 109 or INTE 110, or ETEC 110.
Electives:				
INTE 219	Industrial Technologies Internship I or	3		INTE 124 (INTE 219)
INTE 235	Solar Photovoltaic Site Assessment			INTE 185 (INTE 235)
<b>Total Credit Hours Required</b>		<b>33-35</b>		