

## ASSOCIATE IN APPLIED SCIENCE (A.A.S) AWC ADVISEMENT CHECK SHEET

### Solar Photovoltaic Installation (STEM Emphasis)

<b>Student Name</b>	<b>ID #</b>	<b>Advisor</b>	<b>Major Code: AAS.SOLSE</b>
			<b>Credits: 75</b>

This program provides courses in the electrical and photovoltaic subject areas as well as the required general education courses to prepare students to transfer to a university. Students should work closely with an Academic Advisor regarding the requirements at a specific four-year institution.

Required Major Courses (34 Credits)		Cr	Gr	Sem	App*	Notes
ECT 105	Basic Electricity	3				
ECT 110	AC/DC Circuits	4				
ECT 115	National Electrical Code	3				
ECT 205	Fixtures and Installation	4				
ECT 210	Control Circuits	4				
ECT 220	Electrical Installation	5				
ECT 225	Load Calculations	3				
TEC 140	Roofing Construction & Safety	2				
SLR 105	Introduction to Solar Photovoltaics 1	3				
SLR 110	Introduction to Solar Photovoltaics 2	3				

Other Departmental Requirements (6 Credits)		Cr	Gr	Sem	App*	Notes
MFG 195	Materials Science and Metallurgy	3				
TEC 165	Employee and Occupational Safety	3				

General Education Requirements (35 Credits)		Cr	Gr	Sem	App*	Notes
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See AGEC-A course list in the current catalog for selection of courses.

**English Composition (6 credits)**

ENG 101	Freshman Composition <b>SUN#</b> OR	3				
ENG 107	First-Year Composition I (for Multilingual Writers)					
ENG 102	Freshman Composition <b>SUN#</b> OR	3				
ENG 108	First-Year Composition II (for Multilingual Writers)					

**Mathematics (3 credits)**

MAT 142	College mathematics with Applications OR approved higher level math	3				
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**Arts/Humanities - Select at least one course from the Arts list and one course from the Humanities list. (6 credits)**

Arts:						
Humanities:						
PHI 105 - Introduction to Ethics (WI) (Recommended)		3				

**Social and Behavioral Sciences (6 credits)**

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**Physical and Biological Sciences (8 credits)**

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**6 credits from section F of AGEC-A**

CIS 120	Introduction to Computer Information Systems (Recommended)	3				
SPC 215	Public Speaking (Recommended)	3				

General Electives (0 Credit)		Cr	Gr	Sem	App*	Notes

\*Dual Application of Courses is the sharing of coursework between the AGEC and major or program requirements which allows the student to meet both requirements with a single course. Students must still meet the required number of credits to satisfy the program or degree. This dual application of courses gives students the opportunity to include additional course work under general electives.

List any courses used to satisfy program or degree credits due to dual application:		Cr	Gr	Sem	App*	Notes

One cultural (C) course and one global (G) or historical (H) course are required. Two writing intensive (WI) courses are required. ENG 101 is a prerequisite for all WI courses. Consult the current catalog for a list of approved courses.