

2024-2025 ASSOCIATE IN APPLIED SCIENCE (A.A.S) AWC ADVISEMENT CHECK SHEET

To help you decide upon which courses to include in both the major and elective blocks, you and your advisor should consult university requirements (aztransfer.com) for specific required and recommended courses. Sign in to your [Self-Service Student Planning](#) account to load the recommended program map and to track your academic progress.

SOLAR PHOTOVOLTAIC INSTALLATION

Student Name	ID #	Advisor	Major Code: AAS.SOLPV Credits: 63
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Students enrolled in this program using a nationally developed curriculum will develop knowledge and skills to successfully install photovoltaic panels. The student will gain a basic understanding of electrical theory, wiring to proper code requirements, proper safety and panel mounting, panel positioning and tie-in to the commercial grid. Students will have the skills necessary to enter the workforce as an entry level solar panel installer.

Required Major Courses (31 Credits)		Cr	Sem	Notes
ECT 105	Basic Electricity	3		
ECT 110	AC/DC Circuits	4		
ECT 115	National Electrical Code	3		
ECT 220	Electrical Installation	5		
ECT 225	Load Calculation	3		
TEC 140	Roofing Construction & Safety	2		
SLR 105	Intro to Solar Photovoltaics 1	3		
SLR 110	Intro to Solar Photovoltaics 2	3		
TEC 100	Core Curriculum Introductory Craft Skills	5		

Other Departmental Requirements (11 Credits)		Cr	Sem	Notes
ECT 205	Fixtures and Installation	4		
ECT 210	Control Circuits	4		
MFG 195	Materials Science and Metallurgy	3		

General Education Requirements (21 Credits)		Cr	Sem	Notes
See the AAS GE course list in the current catalog for selection of courses.				

English Composition (6 credits)				
ENG 100	Introduction to Composition	3		
ENG 101 or 107	Freshman Composition	3		
ENG 102 or 108	Freshman Composition	3		

Mathematics (3 credits)				
MAT 105	Mathematics for the Applied Sciences OR approved higher level math	3		

Arts/Humanities (3 credits)				

Social and Behavioral Sciences (3 credits)				

Physical and Biological Sciences (4 credits)				

Additional Courses (2 credits)				

*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.

List any courses used to satisfy program or degree credits due to dual application and or courses that satisfy the Cultural (C) and Global (G) or Historical (H), or Writing Intensive (WI) awareness areas.				
				Dual App
				Dual App