

## 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](http://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.

### AIR CONDITIONING AND REFRIGERATION

<b>Student Name</b>	<b>ID #</b>	<b>Advisor</b>	<b>Major Code: AAS.AIRCR</b> <b>Credits: 64</b>
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Provides the student with the essential skills required to enter this fast-growing field which includes both heating and cooling. The student attains the technical knowledge associated with each type of refrigeration system, their uses, and their controlling devices.

Required Major Courses (27 Credits)		Cr	Sem	Notes
ACR 101	Air Conditioning and Refrigeration 1	3		
ACR 102	Air Conditioning and Refrigeration 2	3		
ACR 103	Air Conditioning and Refrigeration Motors, Circuits/Controls	3		
ACR 112	Control Systems	3		
ACR 113	Heating Technology	3		
ACR 201	Air Conditioning and Refrigeration 3	3		
ACR 202	Air Conditioning and Refrigeration 4	3		
ACR 212	Heat Load Calculations and Duct Design	3		
ACR 213	Light Commercial Systems	3		

Other Departmental Requirements (15 Credits)		Cr	Sem	Notes
ECT 105	Basic Electricity	3		
ENG 110	Technical Writing	3		
ENT 100	Introduction to Entrepreneurship	3		
TEC 165	Employee and Occupational Safety	3		

Select one course				
WLD 104	Techniques in Flux Core Arc Welding			
WLD 105	Techniques in Oxyacetylene Welding and Cutting			
WLD 106	Techniques in Shielded Metal Arc Welding			
WLD 109	Techniques in Gas Metal Arc Welding			

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

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

Mathematics (3 credits)				
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MAT 105	Mathematics for the Applied Sciences <b>OR</b> approved higher level math	3		
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Arts/Humanities (3 credits)				
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Social and Behavioral Sciences (3 credits)				
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Physical and Biological Sciences (4 credits)				
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Additional Courses (2 credits)				
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General Electives (1 credit)		Cr	Sem	Notes
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**\*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.**

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				Dual App