

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 Academic Advisor should consult the university transfer guides for specific required and recommended courses; the university transfer guides can be found at www.aztransfer.com.

AIR CONDITIONING AND REFRIGERATION

Student Name	ID #	Advisor	Major Code: AAS.AIRCR
			Credits: 64

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	Gr	Sem	App*	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	Gr	Sem	App*	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 a minimum of three (3) credits from the following courses:

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	Gr	Sem	App*	Notes
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See the AAS GE course list in the current catalog for selection of courses.

English Composition (6 credits)						
ENG 100	Introduction to Composition OR	3				
ENG 101	Freshman Composition SUN# OR	3				
ENG 107	First-Year Composition I (for Multilingual Writers) OR					
ENG 102	Freshman Composition SUN# OR					
ENG 108	First-Year Composition II (for Multilingual Writers)					

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)						

General Electives (1 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

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