

The following suggested schedule is based on full-time enrollment. Students planning to transfer to a senior institution should check with that institution for specific transfer requirements.

Courses that are approved for the AA/AS degrees are **bolded**.

Mode of Delivery:  
 T = Traditional classroom  
 W = Online  
 Q = Blended

<b>First Semester</b>						
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes
HVAC 120	Electrical Controls for HVAC/R	3	T		FL, SP	
HVAC 121	Intro to Air Conditioning	3	T	HVAC 120 or concurrently	FL, SP	
HVAC 124	Intro to Heating Fundamentals	3	T	HVAC 120 or concurrently	FL	
EEAS 101	Basic Wiring & Circuit Design	4	T		FL,SP,SM	or EEAS 111
<b>CIS 126</b>	<b>Microsoft Office</b>	3	T, W		FL,SP,SM	Recommended
<b>Total Semester Hours:</b>		<b>16</b>				

<b>Second Semester</b>						
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes
HVAC 122	Advanced Lab/Air Cond.	3	T	HVAC 121	FL, SP	
HVAC 126	Duct Design & Installation	3	T	HVAC 124	SP	
HVAC 127	Refrigeration Service Principles	3	T	HVAC 121	SP	
<b>ENG 101</b>	<b>Rhetoric</b>	3	T, W	Appropriate COMPASS placement scores or minimum grade C in one of the following ENG 021 and ENG 099, or the EAP course sequence ENG 079 and ENG 089, or ENG 096.	FL,SP,SM	or Eng 130
TMAT 107 or PHYS 103	Technical Math or Technical Physics	3	T, Q	Appropriate COMPASS placement score or minimum grade C in Math 090 or Math 091 or equivalent.	FL,SP,SM	or higher level math or Phys 103
<b>Total Semester Hours:</b>		<b>15</b>				

<b>Third Semester</b>						
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes
HVAC 125	Heat Loss & Heat Gain	3	T	HVAC 120, 121, 124	FL,SP,SM	
HVAC 223	Control	3	T	HVAC 122	FL	
HVAC 224	Commercial Building Air Flow	3	T	HVAC 122	FL	
HVAC 228	Boiler Tech	3	T	HVAC 124	FL	
AEC 107 or CADD 100 or AEC 106	Blueprint Reading for Non AEC Majors	2	T		FL, SP	or CADD 100
Major Core Elective	Take course(s) from HVAC 229, HVAC 230, HVAC 232 or any course from prefix: AS, CADD, CIS, CM, CNT, EEAS, EET, IMT, OPS, WLDG. Please see degree requirements or program advisor for total hours required and recommended courses.	3				
<b>Total Semester Hours:</b>		<b>17</b>				

<b>Fourth Semester</b>						
Course	Title	Credit Hours	Mode of Delivery	Pre Requisites	Term(s) Offered	Notes
HVAC 231	Energy Management Principles	3	T	HVAC 224	SP	
HVAC 222	Commercial Building Automation Control System Design	3	T	HVAC 122	SP	
Social Science General Education	Select one course from Group II: Social and Behavioral Sciences	3	T, W, Q		FL, SP, SM	
General Education	Select one course from Groups I-V: General Education	3	T, W, Q		FL, SP, SM	Choose from Groups I-V
Major Core Elective	Take course(s) from HVAC 229, HVAC 230, HVAC 232 or any course from prefix: AS, CADD, CIS, CM, CNT, EEAS, EET, IMT, OPS, WLDG. Please see degree requirements or program advisor for total hours required and recommended courses.	4				
<b>Total Semester Hours:</b>		<b>16</b>				

**Graduation Requirements**

To be awarded an Associate degree at Joliet Junior College, each student must meet the following requirements:

- Satisfy all admission requirements.
- Complete the courses required to earn the chosen degree. If the student is a transfer student with coursework taken elsewhere, he/she must complete a minimum of 60 credit hours of which the last 15 credit hours applicable to the degree are earned at Joliet Junior College. If the student has not taken the last 15 hours at JJC, then a total of 30 credit hours applicable to the degree must be earned at Joliet Junior college. Proficiency test, CLEP and Advanced Placement do not meet this requirement.
- Earn a cumulative grade point average of at least 2.0.
- Discharge all financial obligations to the college; have no restrictions.
- File an application for graduation (An application should be filed at the time of registration for student's anticipated last semester).
- Have on file in the Graduation office by the graduation filing date all transcripts from other colleges/universities that are to be evaluated for credit, to be applied toward a degree. A delay in the process may result in a later graduation date.

**For More Information:**

**Counseling & Advising**  
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