



2023-2024 Completion Guide
TE030 - Automotive Service Technology,
A.A.S. ICCB Approved Total Program Hours:

Date: March 21, 2023 *The following schedule is based on full-time enrollment. Students planning to transfer to a senior institution should check with that institution for specific transfer requirements.*

Program Prerequisites

First Semester

| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
|----------------------|------------------------------|--------------|------------------|---|---------------|------------------|
| AS 102 | Automotive Engine Rebuilding | 3 | T | See program prerequisites | FL,SM | |
| AS 104 | Electrical Fundamentals | 3 | T | See program prerequisites | FL | |
| AS 106 | Automotive Fundamentals | 3 | T | See program prerequisites | FL | Also Dual Credit |
| AS 108 | Automotive Service I | 4 | T | Courses to be taken are prerequisite or concurrently: AS 102, AS 104, AS 106 or consent of department. | FL | |
| ENG 101 or ENG 130 | | 3 | T,W,H | Appropriate placement score or minimum grade "C" in one of the following: ENG 021 and ENG 099; ENG 022 and ENG 099; or the EAP course sequence ENG 079 and ENG 089; or ENG 096. | Varies | |
| Total Semester Hours | | 16 | | | | |

T= Traditional H = Hybrid W = Web

Second Semester

| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
|---------------------------|--|--------------|------------------|---|---------------|--------------------------------|
| AS 204 | Brake System | 3 | T | AS 104 or consent of department | SP | |
| AS 114 | Electrical/Electronic Diagnosis | 3 | T | AS 104 or consent of department | SP | |
| AS 116 | Automotive Fuel Systems | 3 | T | AS 104 or consent of department | SP | |
| AS 118 | Automotive Service II | 4 | T | AS 108. Courses to be taken as prerequisite or concurrently. AS 114, AS 116, AS 204 or consent of department. | SP | Independent study FL and SM |
| PHYS 103 or Math Elective | Select either PHYS 103 or one course from Group IV: Math | 4 | T,W,H | | Varies | |
| Total Semester Hours | | 17 | | | | |

Third Semester

| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
|--------|--|--------------|------------------|--|---------------|-------|
| AS 202 | Engine Performance Diagnostics (Tune Up) | 3 | T | Any two of the following: AS 102, AS 104, AS 116, or consent of department | FL | |
| AS 112 | Chassis, Steering and Alignment | 3 | T | See program prerequisites | FL | |
| AS 206 | Manual Transmissions, Transaxles and Differentials | 3 | T | See program prerequisites | FL, SM | |

| AS 208 | Automotive Service III | 4 | T | Prerequisite: AS 118. Courses to be taken as prerequisite or concurrently: AS 112, AS 202, AS 206 or consent of department. | FL | Independent study SP & SM |
|-------------------------|---|--------------|------------------|---|---------------|---------------------------|
| Gen Ed. Electives | Select two courses from Groups I-V: General Education | 6 | T,W,H | | Varies | |
| | Total Semester Hours | 18 | | | | |
| Fourth Semester | | | | | | |
| Course | Title | Credit Hours | Mode of Delivery | Prerequisites | Terms offered | Notes |
| AS 212 | Automotive Update and Computer Controlled Systems | 3 | T | AS 114, AS 116, and AS 202 or consent of department | SP | |
| AS 214 | Automatic Transmissions and Transaxles | 3 | T | AS 114 or consent of department. | SP, SM | |
| AS 216 | Air Conditioning/Climate Control | 3 | T | AS 114 or consent of department. | SP, SM | |
| AS 218 | Automotive Service IV | 4 | T | AS 208 Courses to be taken as prerequisite or concurrently: AS 212, AS 214, AS 216, or consent of department. | SP | Independent study FL & SM |
| Social Science Elective | Select one course from Group II: Social and Behavioral Sciences | 3 | T,W,H | | Varies | |
| | Total Semester Hours | 16 | | | | |

Graduation Requirements

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

1. Satisfy all admission requirements.
2. 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.
3. Earn a cumulative grade point average of at least 2.0.
4. Discharge all financial obligations to the college; have no restrictions.
5. File an application for graduation (An application should be filed at the time of registration for student's anticipated last semester).
6. 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.

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| For more information: | Department Chairperson | Program Coordinator | Program Advisor |
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