



AAS Automotive Service Technology to BS Automotive Technology

Courses taken at JJC

Year One, First Semester

AS 102 Automotive Engine Rebuilding
 AS 104 Electrical Fundamentals
 AS 106 Automotive Fundamentals
 AS 108 Automotive Service 1
 ENG 101 Rhetoric or ENG 130

Year One, Second Semester

AS 204 Brake System
 AS 114 Electrical/Electronic Diagnosis
 AS 116 Automotive Fuel Systems
 AS 118 Automotive Service II
 PHYS 103 or Math Select either PHYS 103 or one course from Group IV: Math

Year Two, Third Semester

AS 202 Engine Performance Diagnostics (Tune Up)
 AS 112 Chassis
 AS 206 Manual Transmissions, Transaxles and Differentials
 AS 208 Automotive Service III
 GEN ED Select a course from Groups I-V: General Education
 GEN ED Select a course from Groups I-V: General Education

Year Two, Fourth Semester

AS 212 Automotive Update and Computer Controlled Systems
 AS 214 Automatic Transmissions and Transaxles
 AS 216 Air Conditioning/Climate Control
 AS 218 Automotive Service IV
 Elective Select one course from Group II: Social and Behavioral Sciences

Total JJC Credits: 67*

JJC Faculty Advisor: Jim Coleman
 Office: C-1081
jicolema@jic.edu

SIU Advisor: Mike Behrmann
 618-453-9125
mbehr@siu.edu

Courses taken at SIU

Elective Social Science Elective**
 Elective Fine Arts Elective**
 Elective Physical Science Elective**
 Elective Life Science Elective**
 Elective Multicultural Elective**
 AUT Select 15 hours from: AUT 330, 340, 355, 360, 370, 390, 440, 445, 450, 480, 490**
 Technical
 AUT 310 Automotive Tech Communications
 AUT 335 Automotive Data Systems
 AUT Group 3 Select 1 course from: AUT 325; MGMT 304, 350; or TRM 364
 Elective - 3
 AUT Group 4 Select 2 courses from: AUT 345, 435, 485; ACCT 210; FIN 208, 270, 280;
 Elective - 6 MKTG 304, 305, 350; PSYC 323; TRM 361, 362, 383**
 AUT Support Select 13 hours from approved courses**
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Total SIU Credits: 58*

Total Degree Credits: 125*

NOTE: Students will be required to complete a minimum of 42 senior institution hours at the 300-400 course level, with the last 30 such senior institution hours being at SIU Carbondale for residency purposes. All students will be required to complete at least 120 hours with an overall GPA of 2.0 on a 4.0 scale to receive a Bachelor of Science degree in Automotive Technology (AUT). Coursework may include University Core Curriculum as well as Automotive Technology (AUT) courses.





2+2

*This transfer guide is a sample curriculum. Additional courses may be required based on placement test scores. Please work with your faculty advisor or success coach prior to course registration.

**Courses are to be chosen in consultation with an academic advisor.

About SIU's Program:

The Automotive Technology Program provides extensive technical and industry business training to prepare the student for numerous career possibilities. Opportunities for students to become involved in industry research thrive at SIU. The Program's broad industry relationships allow the student to not only learn the leading edge, but to help develop it while attending school. Students develop skills and acquire knowledge through laboratory-based experiences with over 140 modern vehicles and pieces of equipment. The student should expect to spend about \$1,500 for a required basic tool kit consisting of metric tools and a digital multimeter. The Automotive Technology Program has achieved a master level accreditation by the Automotive Service Excellence (ASE) Education Foundation. Students are encouraged to complete their ASE certification process by taking the ASE certification exams. The program's national advisory board is comprised of over 50 executives from the automotive, truck, and equipment industries who are charged with ensuring the program's curriculum and offerings are in alignment with industry needs. Members include representatives from General Motors Company; Ford Motor Company; Fiat Chrysler Automobiles; Toyota Motor Sales, U.S.A., Inc.; Nissan Motor Corporation; Mitsubishi Motors North America, Inc.; Cummins, Inc.; American Honda Motor Co., Inc.; NAPA; training providers; vocational directors; automotive dealerships; and wholesale/retail outlets.

About JJC's Program:

The Automotive Service Technology program at JJC is recognized as one of the premier automotive training programs in the Midwest. Serving both the degree-seeking student as well as the professional technician seeking to upgrade their skills, our NATEF certified program offers an A.A.S. degree as well as several certificates to prepare the student for success in a wide variety of industry careers. The curriculum is reviewed and updated based on input from our advisory committee comprised of experts from education and industry. All courses are taught by ASE certified instructors with years of practical experience. Our instructors constantly attend classes to stay current with changes in automotive technology. The students learn about every aspect of automotive service and repair in our state-of-the-art facility using the latest equipment and technology*. The core of the program is the live shop operation where the students will put what they have learned in the classroom and lab into practice repairing actual customer vehicles. The shop is run just as a working repair shop in industry would be where the students, using school-owned tools, will spend over 500 hours during the two-year program gaining the valuable work experience employers find desirable.

Questions:

JJC Faculty Advisor: Jim Coleman
Office: C-1081
jicolema@jjc.edu

Student Advising Center
815-280-2673
academic.advising@jjc.edu

