

| PROGRAM ARTICULATION DEGREE PLAN | | | | | |
|--|---|--|---|---|------------|
| Frontier Community College (IECC) 2020-2021 | | Southern Illinois University Carbondale | | | |
| AAS Automotive Technology - 68 hrs | | BS Automotive Technology (AUT) - 120 hrs | | | |
| | | (UCC) CAPSTONE OPTION - 30 hrs | | | |
| | | Hrs | Hrs | | |
| SPE 1101 | Fundamentals of Effective Speaking | 3 | UNIV 101 Saluki Success | NA | |
| ENG 1111 | Composition I | 3 | CMST 101 Intro to Oral Communication | T | |
| | | | ENGL 101 English Composition I | T | |
| | | | ENGL 102 English Composition II | NA | |
| MTH 1102 -or- 1104 | College Algebra -or- Quantitative Reasoning | 3 | MATH 108 -or- 101 College Algebra -or- Intro to Contemporary Math | T | |
| | Social Science | 3 | SOCIAL SCIENCE See SIU Transfer Equivalency Guide | T | |
| | | | SOCIAL SCIENCE | 3 | |
| | | | HUMANITIES | 3 | |
| | | | HUMANITIES | NA | |
| PHY 1110 | Survey of Physics | 4 | PHYS 253A College Physics Lab | T | |
| | | | LIFE SCIENCE | 3 | |
| | | | FINE ARTS | 3 | |
| | | | HUMAN HEALTH | NA | |
| | | | MULTICULTURAL | 3 | |
| | | 16 | | 15 | |
| Program Requirements | | Program Requirements | | | |
| AUM 1200 | Automotive Topics | 1 | The AAS in Automotive Technology as articulated is accepted as satisfying all 100-200 automotive technical Category II requirements although course-to-course equivalencies cannot be established. | | |
| AUM 1235 | Fuel Systems | 3 | | | |
| AUM 1236 | Electrical Fundamentals | 5 | | | |
| AUM 1237 | Emission Systems | 3 | | | |
| AUM 1238 | Engine Service | 5 | | | |
| AUM 1239 | Air Conditioning & Heating | 4 | | | |
| AUM 2220 | Ignition & Computer Systems | 5 | | | |
| AUM 2222 | Engine Performance Diagnosis | 3 | | | |
| AUM 2223 | Brake Systems | 4 | | | |
| AUM 2224 | Power Accessories | 2 | | | |
| AUM 2225 | Drive Trains | 4 | | | |
| AUM 2228 | Auto Transmission & Transaxles | 5 | | | |
| AUM 2230 | Automotive Service Internship | 3 | | | |
| AUM 2290 | Steering & Suspension Systems | 4 | | | |
| GEN 2297 | Employment Skills | 1 | | | |
| | | 52 | | | |
| | | | Cat. III: AUT 300/400 Technical | AUT 330, 340, 355, 360, 370, 390, 410, 440, 445, 450, 455, 470, 480, 490; either AUT 410 -or- 490 credit toward the degree but not both | 15 |
| | | | Cat. IV: BUS/MGMT Courses | | |
| | | | Group 1 | AUT 310: Auto Tech Communications | 3 |
| | | | Group 2 | AUT 335: Automotive Data Management | 3 |
| | | | Group 3 | Select 1 course: AUT 325, 350, 435, 485 | 3 |
| | | | Group 4 | Select 2 courses: See advisor for list of approved courses from AUT, ACCT, FIN, IMAE, MGMT, PSYC, -and- TRM | 6 |
| | | | Category V: Support Courses | See advisor for list of approved courses from AUT, ACCT, FIN, IMAE, MGMT, MKTG, PSYC -and- TRM | 15 |
| | | | <i>*Credit from all areas must total 42 hours of 300/400 level courses</i> | | 45 |
| Total semester hrs completed with AAS degree: | | 68 | Total semester hrs completed with BS degree: | | 60 |
| | | | Total hrs to BS degree: | | 128 |
| <i>Degree Plan updated on 6/9/21 by SG</i> | | | | | |