

PROGRAM ARTICULATION DEGREE PLAN				
Northcentral Technical College	2024-2025		Southern Illinois University Carbondale	
AAS Automotive Technology - 68 Hours			BS Automotive Technology (AUT) - 120 Hours	
			UCC Capstone Option - 30 Hours	
		Hrs		Hrs
			UNIV 101	Saluki Success
			CMST 101	Intro to Oral Communication
COMM 10-801-136	English Composition 1	3	ENGL 101	English Composition I
			ENGL 102	English Composition II
			MATH 101	Intro to Contemporary Math
SOCSCI 10-809-198	Intro to Psychology	3	PSYC 102	Intro to Psychology
SOCSCI 10-809-143	Microeconomics	3	ECON 240	Intro to Microeconomics
			HUMANITIES	
			HUMANITIES	
SCIENCE 10-806-143	College Physics 1	3	PHYS 203A -and- 253A	College Physics w/Lab
			LIFE SCIENCE	
			FINE ARTS	
			HUMAN HEALTH	
			MULTICULTURAL	
		12		18
Program Requirements			Program Requirements	
10-890-165	College 101	1		
AUTOTEC 10-602-200	Automotive Service Safety	1		
AUTOTEC 10-602-201	Basic Vehicle Maintenance	2		
AUTOTEC 10-602-202	Underhood Maintenance	1		
AUTOTEC 10-602-203	Tire Service	1		
AUTOTEC 10-602-204	Cooling Systems Maintenance	1		
AUTOTEC 10-602-205	Drivetrain Service	2		
AUTOTEC 10-602-206	Brakes 1	2		
AUTOTEC 10-602-207	Brakes 2	2		
AUTOTEC 10-602-208	Automotive Service Experience 1	1		
AUTOTEC 10-602-209	Fundamentals of Electricity	1		
AUTOTEC 10-602-210	Engine Operation	2		
AUTOTEC 10-602-211	Battery, Starting, & Charging Systems	2		
AUTOTEC 10-602-212	Engine Service	2		
AUTOTEC 10-602-213	Steering & Suspension Service	2		
AUTOTEC 10-602-214	Alignment	1		
AUTOTEC 10-602-215	Body Electrical 1	2		
AUTOTEC 10-602-216	Automotive Shop Experience 2	1		
AUTOTEC 10-602-217	Body Electrical 2	2		
AUTOTEC 10-602-218	Engine Diagnostics-Mechanical	1		
AUTOTEC 10-602-219	Engine Sensors	2		
AUTOTEC 10-602-220	Ignition Systems	2		
AUTOTEC 10-602-221	Differentials	1		
AUTOTEC 10-602-222	Fuel Systems	2		
AUTOTEC 10-602-223	Evaporation & Emissions Control Systems	2		
AUTOTEC 10-602-224	Automotive Shop Experience 3	1		
AUTOTEC 10-602-225	HVAC Service & Diagnostics	2		
AUTOTEC 10-602-226	Manual Transmission Systems	2		
AUTOTEC 10-602-227	Clutches	1		
AUTOTEC 10-602-228	4WD/AWD Systems	1		
AUTOTEC 10-602-229	Automatic Transmission Systems	2		
AUTOTEC 10-602-230	Advanced Chassis Systems	2		
AUTOTEC 10-602-231	Hybrid Drivetrains	2		
AUTOTEC 10-602-232	Automotive Shop Experience 4	1		
COMM 10-801-196	Oral/Interpersonal Communication	3		
		56		
			Category III: AUT 300/400 Technical Courses	
			Select 15 hrs from:	15
			AUT 330, 340, 355, 360, 370, 390, 410, 440, 445, 450, 455, 470, 480, 490	
			Category IV: Business/Management Courses	
			Group 1: Select AUT 310 -or- TRM 316	3
			Group 2: Select AUT 335: Automotive Data Mgmt	3
			Group 3: Select 1 course from: AUT 325, 350, 435, 485	3
			Group 4: Select 2 courses from: AUT 325, 345, 350, 380, 415, 435, 460, 485; ACCT 220; FIN 208, 270, 280; IMAE 307, 340, 442, 450, 465, 470A, 470B, 476; MKTG 304, 305; MGMT 304, 350; PSYC 323; TRM 361, 362, 364, 383	6
			Category V: Support Courses - 15	15
			Select 15 hrs from approved list.	
			*Credit from all areas must total 42 hours of 300/400 level courses	45
Total semester hrs completed with AAS degree:		68	Total semester hrs completed with BS degree:	63
			Total hrs to BS degree:	131
<i>Degree plan updated on 7/23/24</i>				

Although course-to-course equivalencies cannot be established, the AAS in Automotive Technology as articulated is accepted as satisfying all Category II: Automotive Technology 100-200 level course requirements.