

PROGRAM ARTICULATION DEGREE PLAN			
Northcentral Technical College	2022-2023	Southern Illinois University Carbondale	
AAS Diesel Technology - 70 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
SOCSCI 10-809-196	Intro to Sociology	3	SOC 108
			Intro to Sociology
			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	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.
DIESEL 10-412-101	Diesel Electrical Systems 1	1	
DIESEL 10-412-103	Diesel Brake Systems 1	1	
DIESEL 10-412-104	Diesel Preventative Maintenance I	1	
DIESEL 10-412-105	Diesel Electrical Systems 2	2	
DIESEL 10-412-126	Heavy Duty Suspension & Steering II	2	
DIESEL 10-412-111	Diesel Brake Systems 2	2	
DIESEL 10-412-102	Heavy Duty Suspension & Steering I	1	
DIESEL 10-412-127	Diesel Preventative Maintenance II	2	
DIESEL 10-442-101	Intro to Welding	1	
DIESEL 10-412-108	Diesel Drive Train 1	2	
DIESEL 10-412-109	Diesel Drive Train 2	2	
DIESEL 10-412-106	Diesel Engines 1	1	
DIESEL 10-412-110	Diesel Electrical Systems 3	3	
DIESEL 10-412-112	Diesel Engines 2	2	
DIESEL 10-412-113	Diesel Emission Systems	2	
DIESEL 10-412-130	Diesel Electrical Systems 4	3	
DIESEL 10-412-131	Diesel Brake Systems 3	2	
DIESEL 10-412-115	Diesel Engines 3	3	
DIESEL 10-458-100	Truck Driving 1	1	
DIESEL 10-458-104	Commercial Learners Permit Prep	1	
DIESEL 10-612-120	Fluid Power Systems 1: Fundamentals	1	
DIESEL 10-612-121	Fluid Power Systems 2: Fundamentals of Pneumatics	1	
DIESEL 10-412-114	Heavy Duty HVAC	3	
DIESEL 10-412-117	Diesel Advanced Engine Diagnostics	2	
DIESEL 10-412-133	Diesel Engines 4	3	
DIESEL 10-458-101	Truck Driving 2	4	
DIESEL 10-458-103	Truck Driving 3	4	
DIESEL 10-612-122	Fluid Power Systems 3: Design & Maintenance	1	
COMM 10-801-196	Oral/Interpersonal Communication	3	
		58	
		Category III: AUT 300/400 Technical Courses	
		Select 15 hrs from:	AUT 330, 340, 355, 360, 370, 390, 410, 440, 445, 450, 455, 470, 480, 490
			15
		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	Select 15 hrs from approved list.
			15
		*Credit from all areas must total 42 hours of 300/400 level courses	45
Total semester hrs completed with AAS degree:		70	Total semester hrs completed with BS degree:
			63
		Total hrs to BS degree:	133
<i>Degree plan updated on 6/16/22 by SG</i>			