

## Catalog Year 2024-2025

AAS, On-Site Power Generation Technology

(For internal use only)

🛛 No change

 $\square$  UCC proposal

A Major Academic Plan (MAP) is one way to complete a degree in a set number of semesters. The *example* below is only one strategy. Actual plans for individual students will vary based on advisor recommendations and academic needs. Official Program Requirements including Major, General Education, Electives, and university requirements (see pg.2) are based on Catalog Year.

Course Subject and Title	Cr.	Min. Grade	*GE, UU or UM	**Sem. Offered	Prerequisite	Co-Requisite
Semester One		•			•	·
GE Objective 2: COMM 1101 Fundamentals of Oral Comm	3	C-	GE	F, S		
DESL 1101: Safety and Introduction to Shop Practices	2	D-		D	Minimum score of 14 on	
					ALEKS or equivalent	
DESL 1102: Introduction to Electrical	2	D-		F, S		
DESL 1103: Electrical Systems	3	D-		F, S		
DESL 1107: Basic Diesel Electrical Systems	2	D-		D		
DESL 1125: Heavy Duty Power Trains	8	D-		D		
Total	20					
Semester Two						
GE Objective 6	3	C-	GE			
DESL 1109: Cab Climate Control	2	D-		D		
DESL 1113: Diesel Engine Fuel Systems	3	D-		F, S		
DESL 2217: Advanced Engine Electronics Systems	5	D-		F, S		
DESL 1184: Diesel Engine Technology	5	D-		D		
DESL 1186: Diesel Engine Electrical Systems	2	D-		F, S		
DESL 1190: Diesel Engine Emission Systems	2	D-		F, S		
Total	22					
Semester Three						
GE Objective 3	3	C-	GE			
DESL 1115: Diesel Hydraulics I	2	D-		D		
DESL 2215: Advanced Hydraulics	6	D-		F, S		
DESL 2231: Live Work Capstone Class OR	8 D-	D-		D		
DESL 2232: Internship Capstone Class	÷	D-		F, S, Su		
Total	19					
Semester Four	-	1				
GE Objective 1: ENGL 1101 Writing and Rhetoric I	3	C-	GE	F, S, Su		
Elective GE: Any Objective Not Previously Applied	3	C-	GE			
DESL 2241: On Site Power Generation I	8	D-		F, S		
DESL 2243: On Site Power Generation II	8	D-		F, S		
Total	22					

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2024-2025 Major Requirements	60	GENERAL EDUCATION OF		15 cr.		
MAJOR REQUIREMENTS	CR 68	Satisfy Objectives 1,2,3,4 1. Written English (3 cr. min		min 3		
DESL 1101: Safety and Introduction to Shop Practices	2	1. Whiten English (3 cr. min	) ENGLIIOI	5		
DESL 1102: Introduction to Electrical	2	2. Spoken English (3 cr. min	) COMM 1101	3		
DESL 1103: Electrical Systems	3	3. Mathematics (3 cr. min		3		
DESL 1107: Basic Diesel Electrical Systems	2	4. Humanities, Fine Arts, For	,			
DESL 1109: Cab Climate Control	2	4. Humanices, File / 105, For				
DESL 1113: Diesel Engine Fuel Systems	3					
DESL 1115: Diesel Hydraulics I	2	5. Natural Sciences				
DESL 1125: Heavy Duty Power Trains	8	5. Natural Sciences				
DESL 1122-Intervy Daty Forch mains DESL 1184: Diesel Engine Technology	5					
DESL 1186: Diesel Engine Electrical Systems	2					
DESL 1190: Diesel Engine Emission Systems	2	6. Behavioral and Social Scie				
DESL 2215: Advanced Hydraulics	6		nce (1 course; 3 cr. min)	3		
DESL 2217: Advanced Engine Electronics Systems	5	Any		3		
DESL 2231: Live Work Capstone Class <b>OR</b>	-	One Course from EITHER Ob	iective 7 OR 8			
DESL 2232: Internship Capstone Class	8					
DESL 2241: On Site Power Generation I	8	7. Critical Thinking				
DESL 2243: On Site Power Generation II	8	8. Information Literacy				
		9. Cultural Diversity				
COMM 1101: Fundamentals of Oral Communication (Counted in	GE Obj. 2)					
		General Education Elective to reach 15 cr. min.		necessary)		
		Any	Tabal CC	3		
		Lindorgraduate Catalog and	Total GE	15		
			Undergraduate Catalog and GE Objectives by <u>Catalog Year</u> http://coursecat.isu.edu/undergraduate/programs/			
		MAP Credit Summary	CR			
		Major		68		
		General Education	15			
		Upper Division Free Electi	0			
		Free Electives to reach 12	0			
			83			
		-				
	1	Graduation Requirement Minimum Credit Checklist		Confirmed		
	1	Minimum 36 cr. General Education Objectives (15 cr. AAS)		Х		
			on in Major (0 cr. Associate)			
		Minimum 36 cr. Upper Division Overall (0 cr. Associate)				
			Minimum of 120 cr. Total (60 cr. Associate)			
				X		
Advising Notes		MAP Completion Status (	for internal use only)			
Auvising Notes		war completion status (				
			Date			
		CAA or COT:	JS 07/15/2024			
		Complete College American Momentum Year				
		Math and English course in first year-Specific GE MATH course identified 9 credits in the Major area in first year				
			15 credits each semester (or 30 in academic year)			
		Milestone courses				