

PROGRAM PLANNING GUIDE

**Heavy Equipment Operation, Management, and Service
A35340A: Repair and Welding**

Replaces Curriculum Schedule with Revision Date: New

Date Revised: SP2018

CURRICULUM BY SEMESTER								
Course No.			Course Title			Hours Per Week		
						Class	Lab	Credits
Fall Semester 1								
HEO	111	Heavy Equipment Operations I	8	8	12			
HEO	114	Erosion Control and Regulations	2	0	2			
ISC	121	Environmental Health & Safety	3	0	3			
PSY	118	Interpersonal Psychology	3	0	3			
		Major Electives Group 1			2			
Completes requirements for Basic Heavy Equipment Operator Certificate: C35340A								
Completes requirements for Basic Evening Operator Certificate: C35340EA								
Spring Semester 1								
HEO	112	Heavy Equipment Operations II	8	8	12			
HEO	113	Grades and Drawings	3	0	3			
HET	125	Preventive Maintenance	1	3	2			
ENG	110	Freshman Composition	3	0	3			
Completes requirements for Advanced Heavy Equipment Operator Certificate: C35340B								
Completes requirements for Advanced Evening Operator Certificate: C35340EB								
Summer Semester 1								
		Major Electives Group 2			2			
Completes requirements for Heavy Equipment Operation, Management, and Service Diploma: D35340								
Fall Semester 2								
HYD	134	Hydraulic/Hydrostatic Construction	2	4	4			
TRN	120	Basic Transportation Electricity	4	3	5			
TRN	170	PC Skills for Transportation	1	2	2			
WLD	110	Cutting Processes	1	3	2			
HUM	121	The Nature of America	3	0	3			
Spring Semester 2								
HET	134	Mechanical Fuel Injection	2	3	3			
PME	221	Construction Equipment Servicing	1	2	2			
WLD	112	Basic Welding Processes	1	3	2			
COM	120	Intro to Personal Communication	3	0	3			
MAT	110	Math Measurement & Lit	2	2	3			

Graduation Requirement Credit Hours: 73

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MAJOR ELECTIVES

			Hours Per Week		
Course No.	Course Title		Class	Lab	Credits
Major Electives Group 1		Credit Hours Needed:	2		
HEO	150	MSHA-Equip Tech and Operator	2	0	2
ISC	115	Construction Safety	2	0	2

Course No.	Course Title		Class	Lab	Credits
Major Electives Group 2		Credit Hours Needed:	2		
HEO	116	Soil Excavation & Groundwork	1	2	2
TRN	140	Trans Climate Control	1	2	2
WBL	111	Work-based Learning I	0	10	1
WBL	112	Work-based Learning I	0	20	2
WBL	121	Work-based Learning II	0	10	1