

PROGRAM PLANNING GUIDE

**Heavy Equipment Operation, Management, and Service
A35340C: Entrepreneurship/Business**

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
MAT	110	Math Measurement & Lit	2	2	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					
BUS	110	Introduction to Business	3	0	3
BUS	139	Entrepreneurship I	3	0	3
ISC	222	Project Planning and Control	1	2	2
TRN	170	PC Skills for Transportation	1	2	2
		Major Electives Group 3			3
Spring Semester 2					
BUS	137	Principles of Management	3	0	3
CEG	235	Project Management/Estimating	2	3	3
COM	120	Intro to Personal Communication	3	0	3
HUM	121	The Nature of America	3	0	3

Graduation Requirement Credit Hours: 72

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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		
CEG	115	Intro to Tech and Sustainability	2	3	3
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
Course No.		Course Title	Class	Lab	Credits
Major Electives Group 2		Credit Hours Needed:	3		
CMT	210	Construction Management Fund	3	0	3
CMT	212	Total Safety Performance	3	0	3
EGR	115	Intro to Technology	2	3	3