



A COMMUNITY & TECHNICAL COLLEGE

Welding & Fabrication Diploma Program Course Requirements 2011-2012

revised 3/4/2011

Student Name _____ **Student ID#** _____

Course #	Course Title	Credits	Lecture Hrs	Lab Hrs
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REQUIRED COURSES

___ MASE 1106	Intro to Electronics	2	1	2
___ MASE 1109	Trade & Industry Math	2	2	0
___ WELD 1100	Intro to Welding	2	0	4
___ WELD 1101	Shielded Metal ARC Welding	4	1	6
___ WELD 1111	Blueprint Reading	2	2	0
___ WELD 1112	Blueprint Reading II	2	1	2
___ WELD 1114	Metallurgy & Fabrication	2	1	2
___ WELD 1115	Gas Tungsten ARC Welding	4	1	6
___ WELD 1117	Gas Metal ARC Welding	3	1	4
___ WELD 1128*	Metal Fabrication	4	0	8
___ WELD 1130*	Advanced Welding Processes	4	1	6
___ WELD 1132	Testing/Codes & Inspection	2	1	2
___ WELD 1134	Welding Qualification	2	0	4
___ WELD 1140	Trade Knowledge	2	2	0
___ WELD 1150	Advanced Metal Fabrication	4	1	6
	Total	41		

GENERAL EDUCATION

___ CCST 1530	Employment Strategies	3	3	0
	Total	3		

GRADUATION REQUIREMENT **44**

*Denotes Prerequisites

Evaluator _____ **Date** _____



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Course #	Course Title	Credits	Lecture Hrs	Lab Hrs
FIRST YEAR				
FALL SEMESTER				
CCST 1530	Employment Strategies	3	3	0
MASE 1109	Trade & Industry Math	2	2	0
WELD 1100	Intro to Welding	2	0	4
WELD 1101	Shielded Metal ARC Welding	4	1	6
WELD 1111	Blueprint Reading	2	2	0
WELD 1114	Metallurgy & Fabrication	2	1	2
WELD 1117	Gas Metal ARC Welding	3	1	4
	Total	18		
SPRING SEMESTER				
MASE 1106	Intro to Electronics	2	1	2
WELD 1112	Blueprint Reading II	2	1	2
WELD 1115	Gas Tungsten ARC Welding	4	1	6
WELD 1128*	Metal Fabrication	4	0	8
WELD 1132	Testing/Codes & Inspection	2	1	2
WELD 1134	Welding Qualification	2	0	4
WELD 1140	Trade Knowledge	2	2	0
	Total	18		
SUMMER SEMESTER				
WELD 1130*	Advanced Welding Processes	4	1	6
WELD 1150	Advanced Metal Fabrication	4	1	6
	Total	8		
	GRADUATION REQUIREMENT	44		

*Denotes Prerequisites

In order to receive a degree, diploma, or certificate from Central Lakes College, students must complete one-third of their credits at Central Lakes College. For programs exceeding 60 credits, a maximum of 20 semester credits must be completed at Central Lakes College.

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