



A COMMUNITY & TECHNICAL COLLEGE

# Welding & Fabrication Diploma Program Course Requirements 2010-2011

*revised 6/17/2010*

**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	5	1	8
___ WELD 1109	Shearing, Punching & Cutting Systems	1	1	0
___ WELD 1111	Blueprint Reading	2	1	2
___ WELD 1115	Gas Tungsten ARC Welding	3	1	4
___ WELD 1117	Gas Metal ARC Welding	3	1	4
___ WELD 1128*	Metal Fabrication	2	0	4
___ WELD 1130*	Advanced Welding Processes	2	0	4
___ WELD 1140	Trade Knowledge	2	2	0
	<b>Total</b>	<b>26</b>		

**GENERAL EDUCATION**

___ COMP 1101	Computer Fundamentals	3	3	0
or ___ CCST 1530	Employment Strategies	3	3	0
	<b>Total</b>	<b>3</b>		

**ELECTIVES**

___ Elective		3		
	(Suggested elective: WELD 1350 Open Lab)			
	<b>Total</b>	<b>3</b>		

**GRADUATION REQUIREMENT** **32**

\*Denotes Prerequisites

**Evaluator** \_\_\_\_\_ **Date** \_\_\_\_\_



## Welding & Fabrication Diploma Program Course Requirements 2010-2011

Course #	Course Title	Credits	Lecture Hrs	Lab Hrs
<b><u>FIRST YEAR</u></b>				
<b>FALL SEMESTER</b>				
MASE 1106	Intro to Electronics	2	1	2
WELD 1100	Intro to Welding	2	0	4
WELD 1101	Shielded Metal ARC Welding	5	1	8
WELD 1109	Shearing, Punching & Cutting Systems	1	1	0
WELD 1117	Gas Metal ARC Welding	3	1	4
COMP 1101	Computer Fundamentals	3	3	0
Or CCST 1530	Employment Strategies	3	3	0
	<b>Total</b>	<b>16</b>		
 <b>SPRING SEMESTER</b>				
MASE 1109	Trade & Industry Math	2	2	0
WELD 1111	Blueprint Reading	2	1	2
WELD 1115	Gas Tungsten ARC Welding	3	1	4
WELD 1128*	Metal Fabrication	2	0	4
WELD 1130*	Advanced Welding Processes	2	0	4
WELD 1140	Trade Knowledge	2	2	0
ELECTIVES	(Suggested elective: WELD 1350 Open Lab)	3		
	<b>Total</b>	<b>16</b>		
 <b>GRADUATION REQUIREMENT</b>		 <b>32</b>		

\*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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