



**Mechanical Design Certificate
Program Course Requirements
2010-2011**
revised 3/29/100

Student Name _____ **Student ID#** _____

Course #	Course Title	Credits	Lecture Hrs	Lab Hrs
REQUIRED COURSES				
___ MDFT 1110	Intro to Parametric Modeling	2	1	2
___ MDFT 1121*	Engineering Drawings	5	1	6
___ MDFT 2101	Specialized Drawing & Dimensioning	4	1	6
___ MDFT 2114	Basic Solid Modeling	4	1	6
___ MDFT 2161*	Plastic Design	4	1	6
___ MDFT 2164*	Sheetmetal Design	3	1	4
___ MDFT 2176*	Machine Design	4	1	6
	Total	26		

GRADUATION REQUIREMENT **26**

*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.

Evaluator _____ **Date** _____



Mechanical Drafting & Design Certificate Program Course Requirements 2010-2011

Course #	Course Title	Credits	Lecture Hrs	Lab Hrs
<u>FIRST YEAR</u>				
FALL SEMESTER				
MDFT 1110	Intro to Parametric Modeling	2	1	2
MDFT 1121*	Engineering Drawings	5	1	6
	Total	7		
SPRING SEMESTER				
MDFT 2101	Specialized Drawing & Dimensioning	4	1	6
MDFT 2114	Basic Solid Modeling	4	1	6
MDFT 2164*	Sheetmetal Design	3	1	4
	Total	11		
SUMMER SEMESTER				
MDFT 2161*	Plastic Design	4	1	6
MDFT 2176*	Machine Design	4	1	6
	Total	8		
GRADUATION REQUIREMENT		26		

*Denotes Prerequisites

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