



**Marine & Small Engine Technology 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 1101	Basic Engines I	3	3	0
__ MASE 1103*	Basic Engines I Lab	4	0	8
__ MASE 1106	Intro to Electronics	2	1	2
__ MASE 1120	Lawn & Garden	2	1	2
__ MASE 1130	Marine Outboard I	4	4	0
__ MASE 1132*	Marine Outboard II	4	1	6
__ MASE 1134	Marine Lower Unit	4	2	4
__ MASE 1140	Snowmobile Systems & Lab	4	2	4
__ MASE 2133*	Advance Marine	3	1	4
__ MASE 2134*	Advance Marine & Personal Water	3	1	4
__ MASE 2135*	Machine Shop	2	0	4
__ MASE 2143*	Diagnostic Troubleshooting	3	1	4
__ MASE 2162*	ATV Motorcycle Systems I	4	2	4
__ MASE 2164*	ATV Motorcycle Systems II	4	1	6
__ MASE 2169*	MASE Tune Up	3	0	6
__ WELD 1100	Intro to Welding	2	0	4
__ WELD 1140	Trade Knowledge	2	2	0
	Total	53		

GENERAL EDUCATION

Required:

__ MATH 1500*	Applied Mathematics	3	3	0
<i>Department Recommendations – Choose one</i>				
__ COMP 1101	Computer Fundamentals	3	3	0
__ CCST 1530	Employment Strategies	3	3	0
	Total	6		

ELECTIVES

__	Total	5		
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GRADUATION REQUIREMENT **64**

*Denotes Prerequisite

Evaluator _____ **Date** _____



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Course #	Course Title	Credits	Lecture Hrs	Lab Hrs
<u>FIRST YEAR</u>				
FALL SEMESTER				
MASE 1101	Basic Engines I	3	3	0
MASE 1103	Basic Engines I Lab	4	0	8
MASE 1120	Lawn & Garden	2	1	2
MASE 1140	Snowmobile Systems & Lab	4	2	4
MATH 1500	Applied Mathematics	3	3	0
	Total	16		
SPRING SEMESTER				
MASE 1130	Marine Outboard I	4	4	0
MASE 1132	Marine Outboard II	4	1	6
MASE 1134	Marine Lower Unit	4	2	4
WELD 1140	Trade Knowledge	2	2	0
MASE 1106	Intro to Electronics	2	1	2
	Total	16		
<u>SECOND YEAR</u>				
FALL SEMESTER				
MASE 2133	Advance Marine	3	1	4
MASE 2134	Advance Marine & Personal Water	3	1	4
MASE 2135	Machine Shop	2	0	4
MASE 2169	MASE Tune Up	3	1	4
WELD 1100	Intro to Welding	2	0	4
Electives		3		
	Total	16		
SPRING SEMESTER				
MASE 2143	Diagnostic Troubleshooting	3	0	6
MASE 2162	ATV Motorcycle Systems I	4	2	4
MASE 2164	ATV Motorcycle Systems II	4	1	6
General Studies		3		
Electives		2		
	Total	16		
GRADUATION REQUIREMENT		64		

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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