## **HENDERSON COMMUNITY COLLEGE**

## ACADEMIC PLANS/APPLICATIONS FOR INDUSTRIAL MAINTENANCE TECHNOLOGY CERTIFICATES

Industrial Maintenance Machinists Mechanic, Electrical Mechanic, Mechanic Level I, and Mechanic Level II

EMPL ID	Major/Program Code	Name	
(Complete shaded areas as applicable)			(2013-2014)

Academic Success Requirements	Semester	Credit		
(May be required)	Taken	Hours		
ENC 090 - Foundations of College Writing I		3*		
ENC 091 - Foundations of College Writing II		3*		
MAT 055 - Pre-Algebra		3*		
MAT 065 - Basic Algebra with Measurement		3*		
MAT 085 - Intermediate Algebra		3*		
RDG 020 - Improved College Reading		3*		
RDG 030 - Reading for the College Classroom		3*		
* Courses numbered 001-099 and MA 108 do not count toward the				
determination of grade point average or as credit toward graduation.				

Industrial Maintenance Mechanic Level I	Semester	Credit
Certificate Requirements	Taken	Hours
FPX 100 - Fluid Power		3
FPX 101 - Fluid Power Lab		2
ELT 110 - Circuits I		5
IMT 150 - Maintaining Industrial Equipment I		3
IMT 151 - Maintaining Industrial Equipment I Lab		2
Total Credit Hours		

Industrial Maintenance Machinists	Semester	Credit	
Mechanic Certificate Requirements	Taken	Hours	
BRX 120 - Basic Blueprint Reading		3	
WLD 120- Welding for Maintenance		2	
WLD 121 - Welding for Maintenance Lab		3	
IMT 150 - Maintaining Industrial Equipment I		3	
IMT 151 - Maintaining Industrial Equipment I Lab		2	
MTT 110 - Fundamentals of Machine Tool A		3	
MTT 112 - Fundamentals of Machine Tool B		4	
Total Credit Hours			

Industrial Maintenance Electrical	Semester	Credit
Mechanic Certificate Requirements	Taken	Hours
FPX 100 - Fluid Power		3
FPX 101 - Fluid Power Lab		2
ELT 110 - Circuits I		5
ELT 244 - Electrical Machinery and Controls(OR)		4
ELT 250 - Electrical Machinery and Controls		(4)
Total Credit Hours		

Industrial Maintenance Mechanic Level II	Semester	Credit	
Certificate Requirements	Taken	Hours	
BRX 120 - Basic Blueprint Reading		3	
FPX 100 - Fluid Power		3	
FPX 101 - Fluid Power Lab		2	
ELT 110 - Circuits I		5	
WLD 120 - Welding for Maintenance		2	
WLD 121 - Welding for Maintenance Lab		3	
CMM 110 - Fundamentals of Machine Tool A		3	
CMM 112 - Fundamentals of Machine Tool B		4	
Total Credit Hours			

Electives	Semester Taken	Credit Hours

## **HENDERSON COMMUNITY COLLEGE**

## SEMESTER-BY-SEMESTER ACADEMIC PLANS FOR INDUSTRIAL MAINTENANCE TECHNOLOGY CERTIFICATES Industrial Maintenance Machinists Mechanic, Electrical Mechanic, Mechanic Level I, and Mechanic Level II

Semester	Year			Semester	Yea	ar	
Course		Grade	Credit Hours	Course		Grade	Credit Hours
Sem. GPA	Cum. GPA	Total		Sem. GPA	Cum. GPA	Total	
Semester	Year			Semester	Yea	ar	
Course		Grade	Credit Hours	Course		Grade	Credit Hours
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Sem. GPA	Cum. GPA	Total		Sem. GPA	Cum. GPA	Total	
Semester	Year		Credit	Semester	Yea	ar 	Credit
Course		Grade	Hours	Course		Grade	Hours
Sem. GPA	Cum. GPA	Total		Sem. GPA	Cum. GPA	Total	
Semester	Year		Credit	Semester	Yea	ar	Credit
Course		Grade	Hours	Course		Grade	Hours
Sem. GPA	Cum. GPA	Total		Sem. GPA	Cum. GPA	Total	