



**ENGINEERING TECHNOLOGY
ONE-YEAR CERTIFICATE PROGRAM**

40XX

FUEL CELL TECHNOLOGY
ONE-YEAR TECHNICAL CERTIFICATE

TECHNICAL Course Number	Course Title	Credits	Completed Sem./Year
MET229	Alternative Energy Sources/Fuel Cells	3	
MET230	Analysis/Applications of Fuel Cells	3	
EST130	Electrical Circuits and Devices	4	
MET225	Manufacturing Processes	3	
MET231	Fuel Cell Systems	3	
MET232	Fuel Cell Project	3	
EET227	PLCs and Industrial Controls I	3	
EET128	National Electric Code & Electrical System Design	2	
TOTAL		24	

BASIC/RELATED Course Number	Course Title	Credits	Completed Sem./Year
MTH125	College Algebra	4	
DET125	Basic AutoCAD	3	
ECA127	Programming Logic and Problem Solving	3	
TOTAL		10	

TOTAL CREDIT HOURS		34	
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FUEL CELL TECHNOLOGY
ONE-YEAR TECHNICAL CERTIFICATE

		<u>Credit Hours</u>	<u>Prerequisite</u>
<u>Summer I</u>			
MTH125	College Algebra	4	-
MET229	Alternative Energy Sources/Fuel Cells	<u>3</u>	-
		7	
<u>Semester I</u>			
MET230	Analysis/Applications of Fuel Cells	3	MET229
EST130	Electrical Circuits and Devices	4	MTH125
DET125	Basic AutoCAD	3	-
MET225	Manufacturing Processes	<u>3</u>	-
		13	
<u>Semester II</u>			
MET231	Fuel Cell Systems	3	MET 230
MET232	Fuel Cell Project	3	MET231
EET227	PLCs and Industrial Controls I	3	EST130
EET128	National Electric Code & Electrical System Design	2	EST130
ECA127	Programming Logic and Problem Solving	<u>3</u>	
		14	
TOTAL CREDITS		34	