



**METROPOLITAN**  
Community College

## **Career Pathways:**

- Diversified Manufacturing Technology - Award
- Process Operations Technology - Certificate
- Process Operations Technology – Manufacturing Process Operations - AAS Degree

<http://mccneb.smartcatalogiq.com/en/2015-2016/Course-Catalog/Programs-of-Study/Applied-Technology/Process-Operations-Technology/Manufacturing-Process-Operations-PRMCC>

## **Diversified Manufacturing Technology - Award**

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PROT 1000	Introduction to Process and Power Operations
PROT 1010	Safety Topics for Process and Power Operations
PROT 1020	Introduction to Process Operations in Manufacturing Technology
PROT 1030	Introduction to Quality and Continuous Improvement

## **Process Operations Technology - Certificate**

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PROT 1000	Introduction to Process and Power Operations
PROT 1010	Safety Topics for Process and Power Operations
PROT 1020	Introduction to Process Operations in Manufacturing Technology
PROT 1030	Introduction to Quality and Continuous Improvement
PROT 1302	Stationary Engineering I
ELTR 1200	Basic Electricity
WORK 1401	Employability Skills for Process, Power, and Energy-Related Fields



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## **Process Operations Technology - Manufacturing Process Operations - AAS Degree**

<http://mccneb.smartcatalogiq.com/en/2015-2016/Course-Catalog/Programs-of-Study/Applied-Technology/Process-Operations-Technology/Process-Operations-Technology-Degree-Options/Process-Operations-Technology-Manufacturing-Process-Operations-PRMPO>

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Complete the following:

### Process Operations Technology Certificate

PROT 1000	Introduction to Process and Power Operations
PROT 1010	Safety Topics for Process and Power Operations
PROT 1020	Introduction to Process Operations in Manufacturing Technology
PROT 1030	Introduction to Quality and Continuous Improvement
PROT 1302	Stationary Engineering I
ELTR 1200	Basic Electricity
WORK 1401	Employability Skills for Process, Power, and Energy-Related Fields

### General Education Requirements:

ENGL 1220	Technical Writing
ENGL 1240	Oral & Written Reports
MATH 1240	Applied Mathematics
HRML 1010	Human Relations Skills
INFO 1001	Information Systems & Literacy
Any Social Science	

### Program Requirements:

INCT 2050	Problem Solving
INCT 2060	Mechanical Power Systems
INCT 2070	Hydraulics and Pneumatics
PROT 2302	Stationary Engineering II
PHYS 1010	Applied Physics
PROT 1100	Process Instrumentation & Control
PROT 1110	Reading and Understanding Process Diagrams
INCT 1212	Introduction to Motor and Machine Controls
INCT 2231	Programmable Logic Controllers



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