INDUSTRIAL MANUFACTURING ESSENTIALS MICRO-CREDENTIAL

The industrial manufacturing essentials micro-credential is designed to provide you with the foundational knowledge to troubleshoot, adapt to changes in processes, and contribute to greater overall efficiencies in industrial manufacturing settings. By completing the micro-credential, you will enhance your understanding of system components, industrial electronics, and automation in modern industrial manufacturing.

This micro-credential is part of the personalization series. For more information about personalization series micro-credentials, see the Micro-credential Series section of the Additional Offerings (https://catalog.purdueglobal.edu/additional-offerings/) page and the Micro-credential Bulletin (https://catalog.purdueglobal.edu/bulletin/).

Requirements

The 🌐 icon appears in the title of traditional courses that are also available as a set of module courses. Module course availability may be limited to certain academic calendars. See Course Types (https://catalog.purdueglobal.edu/policy-information/university-information/approach-to-learning/) for information about module courses.

Code	Title	Credits
BI210	Fundamentals of Hydraulics and Pneumatics	5
BI211	Introduction to Industrial Electronics	5
BI212	Programmable Logic Controllers (PLC) and Computer Numerical Control (CNC) in Industrial Manufacturing	5
TOTAL CREDITS		**15**

Certification, State Board, and National Board Exams

Certification and licensure boards have state-specific educational requirements for offerings that lead to a license or certification that is a precondition for employment. Prospective and current students must review Purdue Global's State Licensure and Certifications (https://www.purdueglobal.edu/about/accreditation/licensure-state-authorizations/) site to view program and state-specific licensure information.

You are responsible for understanding the requirements of optional certification exams. Such requirements may change during the course of your studies. You are not automatically certified in any way upon completion of an offering. Although certain offerings are designed to prepare you to take various optional certification exams, Purdue Global cannot guarantee you will be eligible to take these exams or become certified. Your eligibility may depend on your work experience, completion of education and/or degree requirements, not having a criminal record, and meeting other certification requirements.