

Purdue University Global Program Pathway

| Ivy Tech Community College Associate of Applied Science in Manufacturing Production and Operations | | | | Purdue University Global Bachelor of Science in Applied Manufacturing | | | |
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| For information about transferring to Purdue University Global, call 844-PURDUE-G to speak with an advisor. | | | | | | | |
| Associate's Degree Courses | | | | | | | |
| Completed Course | Credit | PG Equivalent | Applies Toward | Completed Course | Credit | PG Equivalent | Applies Toward |
| ENGL111 English Composition | 3 | CM107 | CM107 College Composition I | MPRO106 Introduction to the Workplace and Safety | 3 | BI100 | BI100 Introduction to the Workplace and Safety |
| MATH122 Applied Technical Mathematics | 3 | MM4.5L | Open Elective | MPRO107 CNC Operations | 3 | TC4.5L | Open Elective |
| Life/Physical Science Elective | 3 | SC4.5L | 100/200 Level Science Elective | MPRO109 Quality Control Concepts and Techniques | 3 | TC4.5L | Open Elective |
| Humanities/Social and Behavioral Sciences Elective | 3 | HU or SS4.5L | 100/200 Level Arts and Humanities or Social Science Elective | MPRO201 Lean Manufacturing | 3 | TC4.5L | Open Elective |
| COMM101, COMM102, or COMM104 | 3 | CM214, 206, or 4.5L | Open Elective | MPRO203 Production Technology | 3 | BI260 | BI260 Production Machine Tooling |
| IVYT1XX Student Success Course | 1 | CS1.5L | Open Elective | MPRO207 Production Machine Tooling | 3 | TC4.5L | Open Elective |
| MPRO279 Manufacturing Production and Operations Capstone | 2 | TC3L | Open Elective | MPRO250 Advanced Lean Manufacturing | 3 | TC4.5L | Open Elective |
| MPRO100 Introduction to Plant Floor and CNC Principles | 3 | BI150 | BI150 Introduction to Plant Floor and Computer Numerical Control (CNC) Principles | Statewide Elective: MPRO102 Introduction to Print Reading (Recommended) | 3 | BI200 | BI200 Introduction to Print Reading |
| MPRO101 Shop Mathematics | 3 | TC4.5L | Open Elective | Statewide Electives | 9 | TC13.5L | Open Elective |
| MPRO103 Manufacturing Automation | 3 | BI250 | BI250 Manufacturing Automation | | | | |

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| Total Transferable Associate's Degree Credits | 60 semester (90 quarter) |
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| Bachelor's Degree Requirements Remaining | | | |
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| Purdue Global Course | Quarter Credits | Purdue Global Course | Quarter Credits |
| CM220 College Composition II | 5 | IT301 Project Management I | 6 |
| MM212 College Algebra | 5 | IT333 Emerging Technologies and the Future | 3 |
| MM250 Discrete Mathematics | 5 | MM555 Applied Statistics or MM207 Statistics | 4 |
| MM260 Linear Algebra | 5 | MT313 Corporate Sustainability and Social Responsibility | 6 |
| CS212 Communicating Professionalism | 5 | MT433 Global Supply Chain Management | 6 |
| 100/200 Level Arts and Humanities or Social Science Elective (depending on AAS registration choice) | 5 | MT435 Operations Management | 6 |
| BI270 Computer-Aided Design Fundamentals | 5 | MT475 Quality Management | 6 |
| BU224 Microeconomics | 5 | BI499 Bachelor's Capstone in Applied Manufacturing | 6 |
| BI400 Industry 4.0 Principles and Technologies | 6 | 100–400 Level Open Electives | 1 |

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| Total Bachelor's Degree Credits Remaining | 90 quarter (60 semester) |
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| Worksheet Notes: Students must earn a grade of C- or better for course transfer. [Date: 07/28/2025] [v01] | Purdue University Global is accredited by the Higher Learning Commission (HLC). |
| This worksheet does not constitute an official evaluation of a student's prior learning. All students who possess transfer credit and prior learning are encouraged to submit evidence of such and apply for credit evaluations. All credit is reviewed on a case-by-case basis, and is awarded ultimately at the discretion of the University. To be considered, official transcripts must be sent to the University Office of the Registrar for evaluation. | |