

Associate in Applied Science in Advanced Manufacturing Technology to Bachelor of Arts in Manufacturing Management

The following is presented as an articulation agreement between Harper College (HC) and Governors State University (GSU) for the Manufacturing Management program based on the current catalogs of both schools. The student would receive an Associate in Applied Science (AAS) in Advanced Manufacturing Technology – Precision Machining degree from HC and a Bachelors of Arts (BA) degree in Manufacturing Management from GSU.

I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (19 Hours)

Communications (6 hours)

- ENG 101 - Composition (3)
- SPE 101 - Fundamentals of Speech Communication (3)

Humanities and Fine Arts (3 hours)

- PHI 115 - Ethics (3) (recommended)

Mathematics (4 hours)

- MTH 165 - Elementary Statistics (4) (Meets MATH 2100) [sub for MTH 097]

Physical and Life Sciences (0 hours)

Social and Behavioral Sciences (6 hours)

- ECO 211 - Microeconomics (3) (Meets ECON 2301)
- ECO 212 - Macroeconomics (3) (Meets ECON 2302)

II. SPECIALIZED AREA OF STUDY/TECHNICAL ELECTIVES (42 Hours)

- MFT 102 - Intro to Manufacturing and Safety (4)
- MFT 104 - Quality and Measurement (3)
- MFT 105 - Machining Processes I (4)
- MFT 108 - Manufacturing Processes (3)
- MFT 109 - Intro to Manufacturing Maintenance (3)
- MFT 119 - Manufacturing Internship (2)
- MFT 120 - Machining Processes II (4)
- MFT 123 - Intro to CNC Machining (4)
- MFT 125 - CNC Lathe Operation and Programming (3)
- MFT 128 - CNC Mill Operation and Programming (3)
- MFT 134 - Print Reading for Industry (3)
- MFT 265 - Properties of Materials (2)
- Technical Electives (4) [See advisor for approved courses}]

REQUIRED A.A.S. DEGREE PROGRAM TOTAL: 61 Hours

* Refer to the Harper's AA/AS guidelines for a list of course choices in Section I.

III. TO BE TAKEN AT HARPER COLLEGE OR GSU (31-33 Hours)

- Composition II Course (3) (HC ENG 102 or GSU ENGL 1111)
- Computer Fundamentals (3) (HC CIS 101 or MIS 2101)
- Financial Accounting (4) (HC ACC 101 or GSU ACCT 2110)
- Fine Arts Course (3)*
- Fine Arts or Humanities Course (3)*
- Life Science Course (3-4)* (Either Life Science or Physical Science Course must have a lab.)
- Management (3) (HC MGT 270 or MGMT 2100)
- Managerial Accounting (3-4) (HC ACC 102 or ACCT 2111)
- Marketing (3) (HC MKT 245 or MKTG 2100)
- Physical Science Course (3-4)* (Either Life Science or Physical Science Course must have a lab.)
- Social & Behavioral Science Course – non-Economics (3)*

**Refer to Harper or GSU catalogs for a list of course choices in Section III.*

IV. TO BE TAKEN AT GSU (42 Hours)

Business Core (27 Hours)

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| BUS 3200 | - Business Communications (3) |
| BUS 3700 | - Business Statistics (3) |
| FIN 3110 | - Principles of Financial Management (3) |
| MGMT 3099 | - Business Ethics & Social Responsibility (3) |
| MGMT 3400 | - Production and Operations Management (3) |
| MGMT 3500 | - Organizational Behavior (3) |
| MGMT 4600 | - Globalization of Business (3) |
| MGMT 4901 | - Project Management (3) |
| MIS 3101 | - Management Information Systems (3) |

Specialization Courses (15 Hours)

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|-----------|---|
| MGMT 3300 | - Human Resource Management (3) |
| MGMT 4400 | - Supply Chain Management (3) |
| MGMT 4410 | - Quality Management (3) |
| MGMT 4420 | - Production and Inventory Control Systems (3) |
| MGMT 4440 | - Lean Manufacturing and Six Sigma Techniques (3) |

Minimum Required for BA in Manufacturing Management: 121 Hours

(134-136 hours as written in order to satisfy AAS, GenEd and BA requirements.)

For Additional Information:

Governors State University
Office of Admissions
(708) 534-4490

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