

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

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

I. TRANSFERABLE GENERAL EDUCATION (15 Hours)

Communications (9 hours)

- ENG 101 - Freshman English I (3)
- ENG 102 - Freshman English II (3)
- COM 100 - Fundamentals of Speech Communications (3)

Humanities and Fine Arts (0 hours)

Mathematics (3 hours)

- MTH 107 - Business Statistics (3) (Meets MATH 2100)

Physical and Life Sciences (0 hours)

Social and Behavioral Sciences (3 hours)

- Social and Behavioral Science course other than Economics (3)*

II. MAJOR REQUIREMENTS/AREA OF CONCENTRATION (31 Hours)

- MTT 100 - Safety Principles (1)
- MTT 101 - Introduction to Machine Tool (3)
- MTT 102 - Manual Machine Shop Operations (3)
- MTT 110 - Print Reading for Manufacturing (2)
- MTT 111 - Metrology/Mechanical Inspection (2)
- MTT 112 - Metallurgy Principles (2)
- MTT 120 - CNC Operations (3)
- MTT 125 - CNC Mill Programming (3)
- MTT 126 - CNC Lathe Programming (3)
- MTT 200 - Computer Aided Machining (CAM) I (3)
- MTT 201 - Computer Aided Machining (CAM) II (3)
- MTT 202 - Computer Aided Machining (CAM) III (3)

III. ELECTIVES (14 Hours)

Select electives from: Auto Body Repair, Automation Technology, Automotive Technology, Business Administration, Computer Aided Design and Drafting, Computer Info Systems, Construction Management, Electronics Technology, Heating, Ventilation and Air Conditioning, Industrial Technology, Machine Tool Technology or Welding.

REQUIRED A.A.S. DEGREE PROGRAM TOTAL: 60 Hours

* Refer to the WCC A.A. guidelines for a list of General Education course choices.

Note: Students can complete up to 80 hours at WCC by taking additional course from Section IV reducing the courses to be completed at GSU.

IV. TO BE TAKEN AT GSU OR WCC (37-38 Hours)

Computer Fundamentals (3) (WCC CIS 110 or GSU MIS 2101)
Financial Accounting (3) (WCC ACC 202 or GSU ACCT 2110)
Fine Arts Course (3)*
Humanities Course (3)*
Humanities or Fine Arts Course (3)*
Macroeconomics (3) (WCC ECN 121 or GSU ECON 2302)
Microeconomics (3) (WCC ECN 122 or GSU ECON 2301)
Managerial Accounting (3) (WCC ACC 203 or GSU ACCT 2111)
Principles of Management (3) (WCC MGT 200 or GSU MGMT 2100)
Principles of Marketing (3) (WCC MKT 200 or GSU MKTG 2100)
Sciences (7-8) (3-4 hours of Life Science and 3-4 hours of Physical Science; one course must contain a lab.)

* Refer to the WCC or GSU catalog for a list of General Education course choices.

V. TO BE COMPLETED AT GSU (42 Hours)

Business Core (27 hours)

BUS 3200	- Business Communications (3)
BUS 3700	- Business Statistics (3)
FIN 3110	- Principles of Financial Management (3)
MGMT 3099	- Business Ethics and 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 for Advanced Manufacturing (3)
MIS 3101	- Management Information Systems (3)

Specialization Courses (15 hours)

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 (3)

Minimum Required for BA in Manufacturing Management: 121 Hours

(139-140 hours as written in order to satisfy AAS and General Education requirements.)

For Additional Information:

Governors State University

Office of Admission

(708) 534-4490

TransferGuide@govst.edu

www.govst.edu/cob

Waubonsee Community College

Transfer Coordinator

Sarah M. Kocunik

(630) 466-7900 ext. 2933

skocunik@waubonsee.edu

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