



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

The following is presented as an articulation agreement between Moraine Valley Community College (MVCC) 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) in Mechatronics Technology degree from MVCC and a Bachelors of Arts (BA) degree in Manufacturing Management from GSU.

I. GENERAL EDUCATION (19 Hours)

Communications (6 hours)

- COM 101 - Composition I (3)
- COM 103 - Speech Fundamentals (3)

Humanities and Fine Arts (0 hours)

Mathematics (6 hours)

- MTH 141 - College Algebra (4)
- MTH 142 - Trigonometric Functions (2)

Physical and Life Sciences (4 hours)

- PHY 150 - Mechanics, Heat and Sound (4)

Social and Behavioral Sciences (3 hours)

- Social and Behavioral Science Course – non-economics (3)*

II. AREA OF CONCENTRATION/MAJOR FIELD/TECH COURSES (45 Hours)

- ELT 101 - Electricity and Electronics (3)
- ELT 102 - Digital Logic/Solid State Devices (3)
- ELT 201 - Industrial Controls (3)
- ELT 202 - Advanced Industrial Controls (3)
- ELT 211 - Introduction to PLCs (3)
- ELT 222 - Advanced PLCs (3)
- IMM 110 - Hydrolics (3) **or** IMM 115 - Pnuematics (3)
- MDT 101 - Introduction to Drafting (3)
- MDT 103 - Orientation to MDT Careers (1)
- MDT 106 - Mechanical Assemblies (2)
- MDT 110 - Mechanical Detailing (3)
- MDT 125 - Intro to Additive Manufacturing (3)
or MDT 201 – Manufacturing and Design (3)
- MDT 145 - Introduction to CAD (3)
- MDT 205 - Machine Elements (3)
- MDT 210 - Statics and Strength of Materials (3)
- WLD 113 - Basic Metallurgy and Materials (3)

REQUIRED A.A.S. DEGREE PROGRAM TOTAL: 64 Hours

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

Transfer Guide



III. TO BE TAKEN AT MVCC OR GSU (39-42 Hours)

Composition II Course (3) (MVCC COM 102 or GSU ENGL 1010)
Financial Accounting (3-4) (MVCC BUS 142 or GSU ACCT 2110)
Fine Arts Course (3)*
Humanities Course (3)*
Humanities or Fine Arts Course (3)*
Information Technology (3) (MVCC IMS 101 or 115 or GSU MIS 2100)
Introduction to Management (3) (MVCC BUS 231 or GSU MGMT 2100)
Life Science Course* (3)
Macroeconomics (3) (MVCC ECO 101 or GSU ECON 2302)
Microeconomics (3) (MVCC ECO 102 or GSU ECON 2301)
Marketing (3) (MVCC BUS 130 or GSU MKTG 2100)
Managerial Accounting (3-4) (MVCC BUS 143 or GSU ACCT 2111)
Statistics (3-4) (MVCC MTH 139 or 212 or GSU MATH 2100)

* Refer to the MVCC or GSU catalog for a list of course choices in Section III.

IV. TO BE TAKEN 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

(145-148 hours as written to satisfy AAS, General Education and BA requirements.)

For Additional Information:

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

TransferGuide@govst.edu
[Visit the College of Business at
www.govst.edu/cob](http://www.govst.edu/cob)

Moraine Valley Community College
Academic Advising
(708) 974-5721

[Visit Moraine Valley Community College
at www.morainevalley.edu](http://www.morainevalley.edu)

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