

## **Associate in Applied Science in Engineering Technology/Mechanical Design to Bachelor of Arts in Manufacturing Management**

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

### **I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (12 Hours)**

#### **Communications (6 hours)**

- RHT 101 - Rhetoric and Composition I (3)
- RHT 102 - Rhetoric and Composition II (3) **or**
- SPE 101 - Principles of Effective Speaking (3)  
[GSU recommends RHT 102 be completed at Triton]

#### **Humanities and Fine Arts (3 hours)**

Humanities Course\* (3) [Triton recommends PHL 103 or PHL 105]

#### **Mathematics (0 hours)**

#### **Physical and Life Sciences (0 hours)**

#### **Social and Behavioral Sciences (3 hours)**

Select from one of the following courses:

HIS 151 or PSC 150 (3) recommended by Triton

### **II. AREA OF CONCENTRATION/MAJOR FIELD (43 Hours)**

#### **(27 hours will transfer towards the BA of Manufacturing Management)**

- ENT 103 - Intro to Automation (3)
- ENT 104 - Electricity I (3)
- ENT 110 - Production Drawings & CAD (4)
- ENT 111 - Metrology w/Geometric Dimensioning and Tolerancing (3)
- ENT 115 - Fluid Power (3)
- ENT 252 - Intro to Mechanical AutoCAD (3)
- ENT 232 - Descriptive Geometry (3)
- ENT 260 - Jig & Fixture Design (3)
- ENT 270 - Machine Design (3)
- ENT 295 - Applied Statics (3)

Program Electives (12) (choose from: ENT 100, ENT 116, ENT 117, ENT 118, ENT 144, ENT 255, ENT 280, ENT 290, ENT 291, ENT 296)

### **III. ELECTIVES (5-7 Hours)**

- MAT 111 - Pre-Calculus (5) **OR**
- MAT 114 - Plane Trigonometry (3) [either course meets Math req. at Triton]
- HTH 104 - Science of Personal Health (2) **OR**
- HTH 281 - First Aid & CPR (2)

### **REQUIRED A.A.S. DEGREE PROGRAM TOTAL: 60-62 Hours**

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

Note: Student must satisfy the Multicultural Diversity requirement within either the Humanities or Social Science section.

## IV. TO BE TAKEN AT EITHER TRITON OR GSU (43-47 Hours)

- Business Management (3) (TC BUS 150 or GSU MGMT 2100)
- Financial Accounting (3) (TC ACC 101 or GSU ACCT 2110)
- Fine Arts Course (3)\*
- Humanities or Fine Arts Course (3)\*
- Information Technology (3) (TC CIS 101 or GSU MIS 2101)
- Introduction to Management (3) (TC BUS 150 or GSU MGMT 2100)
- Introduction to Marketing (3) (TC BUS 127 or GSU MKTG 2100)
- Life Science Course (3-4)\* [either life of physical science course must contain a lab]
- Macroeconomics (3) (TC ECO 102 or GSU ECON 2302)
- Microeconomics (3) (TC ECO 103 or GSU ECON 2301)
- Managerial Accounting (3) (TC ACC 105 or GSU ACCT 2111)
- Physical Science Course (3-4)\* [either life of physical science course must contain a lab]
- Public Speaking (3) (TC SPE 101 or GSU COMS 1160)
- [OR Composition II Course if not completed in Section I]
- Statistics (3-4)\* (TC MAT 170 or GSU MATH 2100)

\* Refer to the Triton or GSU catalog for a list of course choices in Section IV.

## V. 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

(145-151 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](mailto:TransferGuide@govst.edu)

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**Counseling and Transfer Center**

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