

# Transfer Guide

## Associate of Applied Science in Electrical Technology to Bachelor of Arts in Manufacturing Management

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

### I. GENERAL EDUCATION (15 Hours)

#### Communications (6 hours)

- ENG 101 - Rhetoric and Composition I (3)
- COM 103 - Speech Fundamentals (3)

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

- Humanities or Fine Arts Course (3)\*

#### Mathematics (3 hours)

- MATH 109 - Elementary Statistics (3) (Meets MATH 2100)

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

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

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

### II. AREA OF CONCENTRATION/MAJOR FIELD (51 Hours)

- CAD 230 - Intro to Manufacturing Processes (3)
- CSC 106 - Introduction to Computers (3) [sub for CSC 100] (Meets MIS 2101)
- ELE 100 - Survey of Electrical Trade (2)
- ELE 101 - Blueprint Reading for Electricians (3)
- ELE 110 - Introduction to Electricity (3)
- ELE 120 - Introduction to National Electrical Code (3)
- ELE 125 - Electrical Application I (3)
- ELE 130 - Residential Electricity (3)
- ELE 135 - Programmable Control (3)
- ELE 205 - Commercial Electricity (3)
- ELE 215 - Electric Motors & Control (3)
- ELE 220 - Electrical Applications II (3)
- ELE 225 - Industrial Electricity (3)
- ELE 230 - Specialized Electrical Circuits (3)
- ELE 235 - Electrical Systems Analysis (3)
- FYE 101 - Blazing Your Trail (1)
- MFG 104 - Quality/Continuous Improvement (3)
- MFG 113 - Intro to Manufacturing and Safety (3)

**REQUIRED A.A.S. DEGREE PROGRAM TOTAL: 64 Hours** (66 hours as written)

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



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## III. TO BE TAKEN AT GSU or JWCC (34-37 Hours)

Composition II Course (3) (JWCC ENG 102 or GSU ENGL 1010)  
Financial Accounting (3-6) (JWCC ACC 101+102 or GSU ACCT 2110)  
Fine Arts Course (3)\*  
Humanities Course (3)\*  
Introduction to Management (3) (JWCC BUS 121 or GSU MGMT 2100)  
Life Science Course\* (3-4) [either life or physical science must contain a lab]  
Macroeconomics (3) (JWCC ECO 101 or GSU ECON 2302)  
Microeconomics (3) (JWCC ECO 102 or GSU ECON 2301)  
Marketing (3) (JWCC BUS 131 or GSU MKTG 2100)  
Managerial Accounting (3) (JWCC ACC 200 or GSU ACCT 2111)  
Physical Science Course\* (3-4) [either life or physical science must contain a lab]

\* Refer to the PSC 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

(142-145 hours as written to satisfy AAS, General Education and BA requirements.)

#### For additional information:

**Governors State University**  
**Office of Admission**  
**(708) 534-4490**

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

[www.govst.edu/cob](http://www.govst.edu/cob)

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**John Wood Community College**

**(217) 224-6500**

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