



**Transfer Guide for Associate in Applied Science  
(Mechanical Design & Drafting/CAD Program)  
Business and Applied Science**

The following is presented as an articulation agreement between Moraine Valley Community College (MVCC) and Governors State University (GSU) for the Business and Applied Science degree program based on the current catalogs of both schools. The student would receive an Associate in Applied Science (AAS) in Mechanical Design and Drafting/CAD degree from MVCC and a Bachelors of Arts (BA) degree in Business and Applied Science from GSU.

**I. GENERAL EDUCATION (13 credits)**

Communications (6 credits)

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

Humanities and Fine Arts (0 credits)

Mathematics (4 credits)

- MTH 141/143 - College Algebra or Finite Mathematics (4)\*

Physical and Life Sciences (4 credits)

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

Social and Behavioral Sciences (3 credits)

- ECO 101 - Principles of Macroeconomics (3) (recommended)

**II. AREA OF CONCENTRATION/MAJOR FIELD/TECH COURSES (39 credits)**

- IST 101- Introduction to Machine Tools (3)
- MDT 101 - Introduction to Drafting (3)
- MDT 106 - Mechanical Assemblies (2)
- MDT 110 - Mechanical Detailing (3)
- MDT 115 - Applied GDT (2)
- MDT 145 - Introduction to CAD (3)
- MDT 160 - Introduction to 3D Modeling (3)
- MDT 205 - Machine Elements (3)
- MDT 209 - Hydraulics and Pneumatics (2)
- MDT 210 - Statics and Strength of Materials (3)
- MDT 213 - Plant Engineering Drafting (3)
- MDT 220 - Tool Drafting (3)
- MDT 255 - Machine Design (3)
- WLD 113 - Basic Metallurgy and Materials (3)

**III. ELECTIVES (6 credits) Select 6 credits from the following**

- MDT 233 - Internship (3)
- MDT 237 - Internship Seminar (1)
- MDT 245 - Applied CAD (3)
- MDT 260 - CAD Management (3)
- MDT 278 - Design Visualization (3)
- MDT 285 - 3D Parametric Modeling (3)
- MDT 288 - Applied 3D Parametric Modeling (3)

**REQUIRED A.A.S. DEGREE PROGRAM TOTAL: 64 credits**

\* GSU only requires one Math.

(over)

**IV. TO BE TAKEN AT MVCC OR GSU (6 hours)**

- COM 102 - Composition II (3)
- Humanities Course (Choose courses from MVCC General Education Core) (3)

**V. TO BE TAKEN AT GSU (57 Hours)**

Required Courses

- Fine Arts (3)
- Life Science Course (3)
- ACCT 301 - Financial Accounting (3)
- ACCT 302 - Managerial Accounting (3)
- BLAW 325 - Business Law I (3)
- ECON 302 - Principles of Macroeconomics (3)
- FIN 301 - Principles of Financial Management (3)
- MGMT 301 - Introduction to Management Strategies (3)
- MGMT 340 - Production Management (3)
- MGMT 360 - Business Communications (3)
- MGMT 401 - Organizational Behavior (3)
- MGMT 410 - International Business (3)
- MGMT 415 - Business Ethics & Social Resp. (3) (meets Humanities requirement)
- MIS 301 - Basics of Information Technology (3)
- MIS 370 - Management Information Systems (3)
- MKTG 301 - Introduction to Marketing Management (3)
- STAT 361 - Statistics for Management I (3)
- STAT 362 - Statistics for Management II (3)
- MGMT 469 - Business Policy (Final Term) (3)

**Minimum Required for BA in Business and Applied Science: 120 hours**

**For Additional Information:**  
**Governors State University**  
**Office of Admissions**  
**(708) 534-4490**  
**gapply@govst.edu**  
**www.govst.edu/articulation**  
**www.govst.edu/cbpa**

**Moraine Valley Community College**  
**Academic Advising**  
**(708) 974-5753**