



Associate of Applied Science in Computer & Local Area Networks Technician to Bachelor of Science in Computer Science

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

I. TRANSFERABLE GENERAL EDUCATION (19-20 Hours) Communications (6 hours)

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

Humanities and Fine Arts (3 hours)

Humanities or Fine Arts Course (3)*

Mathematics (4-5 hours)

- MTH 145 or 150 - Calculus for Business & Social Science (4) or
Calculus I/Analytic Geometry (5)
(sub for MTH 120) (Meets MATH 2281)

Physical and Life Sciences (3 hours)

Life or Physical Science Course (3)*

Social and Behavioral Sciences (3 hours)

Social and Behavioral Science Course (3)*

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

- LAN 101 - Orientation to IT Professions (1)
- LAN 102 - Voice and Data Cabling (3)
- LAN 103 - Security Awareness (1)
- LAN 111 - IT Essentials-A+ (3)
- LAN 112 - Managing IT- A+ (3)
- LAN 121 - Network Essentials- Network+ (3)
- LAN 122 - Network Services (4)
- LAN 153 - IT Security Essentials-Security+ (3)
- LAN 220 - Managing UNIX Environment (3)
- LAN 230 - Managing Windows Servers (3)
- LAN 246 - Routing and Switching-CCNA (3)
- LAN 251 - WLAN Design -CWNA (3)
- LAN Career Electives (12)

REQUIRED A.A.S. DEGREE PROGRAM TOTAL: 63 Hours (64 hours as written)

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



III. TO BE COMPLETED AT MVCC OR GSU (22 Hours)

- Composition II (3) (MVCC COM 102 or GSU ENGL 1010)
- Computer Science (3) (MVCC CSC 140 or GSU CPSC 2100)
- Fine Arts Course (3)*
- Humanities Course (3)*
- Life or Physical Science Course with lab (based on course completed in Section I (4)*)
- Social and Behavioral Science courses (6)*

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

IV. TO BE COMPLETED AT GSU (60 HOURS)

Foundation Courses (3 Hours)

- CPSC 3148 - Computer Programming in Java (3)

Required Courses (30 Hours)

- CPSC 3099 - Junior Seminar (3)
- CPSC 3310 - Intro to Object-Oriented Programming (3)
- CPSC 4190 - Introduction to Software Engineering (3)
- CPSC 4205 - Computer Organization (3)
- CPSC 4335 - Operating Systems (3)
- CPSC 4338 - Discrete Structures (3)
- CPSC 4342 - Introduction to Computer Networks (3)
- CPSC 4345 - Database Systems (3)
- CPSC 4355 - Data Structure and Algorithms (3)
- CPSC 4900 - Senior Project and Seminar (3)

Advanced Selectives (27 Hours)

Select from 27 hours of computer science selectives as listed in GSU catalog.

Minimum Required for BS in Computer Science: 120 Hours

(146 hours as written to satisfy AAS, General Education and BS requirements.)

For Additional Information:

Governors State University

Office of Admission

(708) 534-4490

TransferGuide@govst.edu

[Visit the College of Arts and Sciences](#)

[at www.govst.edu/cas](http://www.govst.edu/cas)

Moraine Valley Community College

Academic Advising

(708) 974-5721

[Visit Moraine Valley Community](#)

[College at www.morainevalley.edu](http://www.morainevalley.edu)

GSU Transfer Guide 5.8.2020

