

# Transfer Guide



## Associate of Applied Science – Electronics Engineering Technology to Bachelor of Science in Computer Science

The following is presented as an articulation agreement between South Suburban College (SSC) 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 of Applied Science (AAS) in Electronics Engineering Technology degree from SSC and a Bachelors of Science (BS) degree in Computer Science from GSU.

### I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (20-21 Hours)

(Refer to the AA/AS Degree Guidelines for a list of courses in Section I)

#### Communications (6 hours)

- ENG 101 - Composition and Rhetoric (3)
- SPE 108 - Oral Communications (3)

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

- Humanities Course (3)\*

#### Mathematics (4-5 hours)

- MTH 180 **or** 190 - Calculus for Business and Social Science **or** Calculus and Analytical Geometry I (4-5)  
[sub for MTH 106] (Meets MATH 2281)

#### Physical and Life Sciences (4 hours)

- PHY 101 - Mechanics, Heat and Sound (4)

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

- Social and Behavioral Science Course (3)\*

### II. ADDITIONAL GENERAL EDUCATION REQUIREMENT (1 hour)

- OCS 121 - Overview for College Success (1)

### III. AREA OF CONCENTRATION/MAJOR FIELD (41 hours)

- CIS 180 - Net+ Certification (3)
- ELC 101 - Electrical Circuits I (4)
- ELC 102 - Digital Electronics (4)
- ELC 105 - Electrical Circuits II (4)
- ELC 110 - Electronic Circuits (4)
- ELC 190 - Industrial Electronics I (4)
- ELC 215 - Digital Electronics II (4)
- ELC 230 - Electrical Drafting (3)
- ELC 298 - ETA Certification Prep. (3)
- MIS 101 - Computer Literacy and Applications (4)  
(Meets CPSC 2100 and Technology Elective)
- MIS 216 - Java Programming Introduction (4)  
(Meets CPSC 3148 and Technology Elective)

### REQUIRED A.A.S. DEGREE PROGRAM TOTAL: 62 Hours

\* Refer to the SSC AA/AS guidelines for a list of course choices for Section



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## IV. TO BE TAKEN AT SSC OR GSU (18 Hours)

- Composition II Course (3)\*
- Fine Arts Course (3)\*
- Humanities or Fine Arts Course (3)\*
- Life Science Course (3)\*
- Social and Behavioral Science Courses (6)\*

\* Refer to the SSC or GSU AA/AS guidelines for a list of course choices for Section IV.

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

### Required Courses (30 Hours)

- CPSC 3099 - Junior Seminar (3)
- CPSC 3310 - Introduction 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 Structures and Algorithms (3)
- CPSC 4900 - Senior Project and Seminar (3)

### Advanced Selectives (27 Hours)

Please see GSU Catalog for the approved list and other computer science courses as approved by GSU academic advisor.

## Minimum Required for BS in Computer Science: 120 Hours

(137 hours as written to satisfy AAS, General Education and Major Requirements.)

### For Additional Information:

**Governors State University**

**Office of Admission**

**(708) 534-4490**

[TransferGuide@govst.edu](mailto:TransferGuide@govst.edu)

[Visit the College or Arts and Sciences at](http://www.govst.edu/cas)

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

**South Suburban College**

**Counseling & Transfer Center**

**(708) 596-2000 Ext. 2241**

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