DEPARTMENT: Computer Systems Technology
DEGREE: Computer Information Systems AAS

General Education Common Core: 22 credits

I – Required Core (4 courses, 13 credits)

English (2 courses, 6 credits)
ENG 1101 English Composition I 3
ENG 1121 English Composition II 3

Mathematical and Quantitative Reasoning (1 course, 4 credits)
MAT 1375 Precalculus or higher

Life/Physical Science (1 course, 3 credits)
Any course

II – Flexible Core (3 courses, 9 credits)
One approved course from any of the following areas:

World and Global Issues
US Experience in its Diversity
Creative Expression
Scientific World

Individual and Society
PSY 1101 Introduction to Psychology 3

One additional course from any group
SPE 1330 Effective Speaking or higher

Writing Intensive Requirement. Students at New York City College of Technology must complete two courses designated WI for the associate level, one from gen ed and one from the major; and two additional courses designated WI for the baccalaureate level, one from gen ed and one from the major.

Program-Specific Degree Requirements: 38 credits

CST 1100 Introduction to Computer Systems 3
CST 1101 Problem Solving with Computer Programming 3
CST 1201 Programming Fundamentals 3
CST 1204 Database Systems Fundamentals 3
CST 1215 Operating Systems Fundamentals 3

1 Although students enrolled in AAS programs are not required to meet all of the CUNY Pathways requirements, the college and program general education requirements are organized by Pathways categories to inform students of their standing should they transfer to a CUNY baccalaureate program.

2 Specific courses listed are degree requirements that also meet CUNY Pathways general education requirements in that category.

3 Students without the requisite math background to enter Math 1375 will be required to take Mat 1175 and/or 1275 in preparation. This will increase the number of required credits for the degree by 4-8 credits.
CST 2307 Networking Fundamentals 3
CST 2309 Web Programming I 3
CST 2400/ETN 2400 Computer Systems Management and Support 3
CST 2410 Introduction to Computer Security 3
CST 2801 Special Topics in Information Technology 1
ACC 1101 Principles of Accounting 4
BUS 2425 Business Management 3
ENG 1101 English Composition I Met as Gen Ed
ENG 1121 English Composition II Met as Gen Ed
MAT 1375 Precalculus Met as Gen Ed
PSY 1101 Introduction to Psychology Met as Gen Ed
SPE 1330 Effective Speaking or higher Met as Gen Ed

Choose one elective from the following list: 3
CST 2301 Multimedia and Mobile Device Programming
CST 2405 System Administration (Windows)
CST 2406 Introduction to Systems Analysis and Design
CST 2409 Web Programming II
CST 2415 System Administration (UNIX/Linux)
CST 2900 AAS Internship

Total program-specific required and elective courses: 38
Total General Education/ NYS Liberal Arts and Science credits: 22
Total credits for degree: 60

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4 New course number for CST 3510, submitted as minor change.