



Community College of the District of Columbia

A.A.S. Degree in Computer Science Technology

| Course # | Course Title | Credits | Grade | Semester |
|-----------------|---|----------------|--------------|-----------------|
| 7700-101 | First Year Seminar | 1 | | |
| 4133-111 | English Composition I | 3 | | |
| 4133-112 | English Composition II | 3 | | |
| 4535-116 | Finite Mathematics OR | 3 | | |
| 4535-113 | Pre-Calculus w/Trigonometry I | 3 | | |
| 4535-215 | Calculus for Business, Social & Life Sci. OR | 4 | | |
| 4535-114 | Pre-Calculus w/Trigonometry II | 3 | | |
| 4539-101 | Intro to College Physics I Lec | 3 | | |
| 4539-103 | Intro to College Physics I Lab | 1 | | |
| 4167-105 | Introduction to Logic | 3 | | |
| 6528-104 | Intro to Applications of Comp Lec | 2 | | |
| 6528-105 | Intro to Applications of Comp Lab | 1 | | |
| 6528-110 | Intro to Programming Lec | 2 | | |
| 6528-111 | Intro to Programming Lab | 1 | | |
| 6528-231 | Computer Science I Lec | 3 | | |
| 6528-233 | Computer Science I Lab | 1 | | |
| 6528-232 | Computer Science II Lec | 3 | | |
| 6528-234 | Computer Science II Lab | 1 | | |
| 6523-184 | Applied Operating Systems | 3 | | |
| 6528-115 | Computing Foundations | 3 | | |
| | Computer Science Electives* | 12 | | |
| | Options Electives** | 9 | | |
| | Total Credit Hours: | 61-62 | | |

Total Credit Hours for A.A.S. Degree in Computer Science Technology: 61-62

SPECIAL NOTATIONS

***Also includes courses in Graphic Design and Desktop Publishing**

****Software and Program Option: Electives from advanced programming, systems, or software applications courses**

****Computer Network Option: Electives from computer network courses, such as courses applicable to MCSE or CCNA certification**

- **English and Mathematics courses may require prerequisites depending upon results of ACCUPLACER Placement Test.**



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FIRST SEMESTER

| Course # | Course Title | Credits | Grade | Semester |
|--------------|---------------------------------------|-----------|-------|----------|
| 7700-101 | First Year Seminar | 1 | | |
| 4133-111 | English Composition I | 3 | | |
| 4535-116 | Finite Mathematics OR | 3 | | |
| 4535-113 | Pre-Calculus w/Trigonometry I | 3 | | |
| 6528-104/105 | Intro to Applications of Comp Lec/Lab | 3 | | |
| 6528-110/111 | Intro to Programming Lec/Lab | 3 | | |
| | Total Credit Hours: | 13 | | |

SECOND SEMESTER

| Course # | Course Title | Credits | Grade | Semester |
|----------|---|--------------|-------|----------|
| 4133-112 | English Composition II | 3 | | |
| 4535-215 | Calculus for Business, Social & Life Sci. OR | 4 | | |
| 4535-114 | Pre-Calculus w/Trigonometry II | 3 | | |
| 4167-105 | Introduction to Logic | 3 | | |
| 6528-231 | Computer Science I Lec | 3 | | |
| 6528-233 | Computer Science I Lab | 1 | | |
| 6528-115 | Computing Foundations | 3 | | |
| | Total Credit Hours: | 16/17 | | |

THIRD SEMESTER

| Course # | Course | Credits | Grade | Semester |
|----------|--------------------------------|-----------|-------|----------|
| 6528-232 | Computer Science II Lec | 3 | | |
| 6528-234 | Computer Science II Lab | 1 | | |
| 4539-101 | Intro to College Physics I Lec | 3 | | |
| 4539-103 | Intro to College Physics I Lab | 1 | | |
| | Computer Science Elective* | 3 | | |
| | Computer Science Elective* | 3 | | |
| | Options Electives** | 3 | | |
| | Total Credit Hours: | 17 | | |

FOURTH SEMESTER

| Course # | Course | Credits | Grade | Semester |
|----------|----------------------------|-----------|-------|----------|
| 6523-184 | Applied Operating Systems | 3 | | |
| | Computer Science Elective* | 3 | | |
| | Computer Science Elective* | 3 | | |
| | Options Elective** | 3 | | |
| | Options Elective** | 3 | | |
| | Total Credit Hours: | 15 | | |

Total Credit Hours for A.A.S. Degree in Computer Science Technology: 61-62

SPECIAL NOTATIONS

- English and Mathematics courses may require prerequisites depending upon results of ACCUPLACER Placement Test.