

Computer Science Emphasis of Study

Associate in Science - 60 Credit Hours

This map provides a guide to completing a certificate program or an associate degree. Completion is subject to pre-requisite requirements and availability of the program/courses by location.

| TERM 1 | | CREDITS | MILESTONE | SGE | COMPLETED |
|---------------|---------------------------------|---------|-----------|-----|-----------|
| PRGM 1007 | Foundations of Computer Science | 3 | ✓ | 070 | |
| PRGM 1033 | Web Programming | 3 | ✓ | | |
| ENGL 1204 | English Composition I* | 3 | | 010 | |
| | Math Requirement** | 3 | | 030 | |
| | Suggested Emphasis Elective | 3 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| TOTAL CREDITS | | 15 | | | |

| TERM 2 | | CREDITS | MILESTONE | SGE | COMPLETED |
|---------------|--|---------|-----------|-----|-----------|
| PRGM 1037 | Computer Science I* | 3 | ✓ | | |
| ENGL 1206 | English Composition II* | 3 | | 010 | |
| | Arts & Humanities Requirement | 3 | | 060 | |
| | Social & Behavioral Sciences Requirement | 3 | | 050 | |
| | Suggested Emphasis Elective | 3 | | | |
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| | | | | | |
| TOTAL CREDITS | | 15 | | | |



Milestone Courses should be taken in the term shown. This will help you stay on track and graduate on time.



Make your summer matter.

Summer is a great time to take some courses and get ahead or stay on track.



Systemwide General Education (SGE) Key

| 010 | English | 6 hours | | | | |
|-----|------------------------------|-----------|--|--|--|--|
| 020 | Communications | 3 hours | | | | |
| 030 | Math & Statistics | 3 hours | | | | |
| 040 | Natural & Physical Science | 4-5 hours | | | | |
| 050 | Social & Behavioral Sciences | 6 hours | | | | |
| 060 | Arts & Humanities | 6 hours | | | | |
| 070 | Barton Designated | 6 hours | | | | |
| | sge.bartonccc.edu | | | | | |

General Advising Notes

- * Subject to placement or pre-requisite requirements
- ** College Algebra or higher is the recommended Math Requirement.
- To meet the criteria for the Social & Behavioral Sciences area, there must be at least two courses from two different subject areas. The subject areas include ANTH, ECON, GEOG, POLS, PSYC, and SOCI.
- To meet the criteria for the Arts & Humanities area, there must be at least two courses from two different subject areas. The subject areas include ARTS, COMM, DANC, ENGL, HIST, LITR, LANG, MUSI, PHIL, RELI, and THEA.

Student Name _____

ID#

Barton County | Fort Riley | Fort Leavenworth | Grandview Plaza | Barton Online • bartonccc.edu



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| TERM 3 | | CREDITS | MILESTONE | SGE | COMPLETED |
|---------------------------|---|---------|-----------|-----|-----------|
| PRGM 1039 | Object Oriented Java Programming | 3 | ✓ | | |
| COMM 1200 or COMM 1230 | Interpersonal Communications or Public Speaking | 3 | | 020 | |
| | Natural & Physical Science Requirement | 4 | | 040 | |
| | Suggested Emphasis Elective | 4 | | | |
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| | | | | | |
| | | | | | |
| TOTAL CREDITS | | 14 | | | |

| TERM 4 | | CREDITS | MILESTONE | SGE | COMPLETED |
|---------------|---|---------|-----------|-----|-----------|
| PRGM 1038 | Computer Science II* | 3 | ✓ | | |
| | Social & Behavioral Science Requirement | 3 | | 050 | |
| | Arts & Humanities Requirement | 3 | | 060 | |
| | Barton Designated Requirement | 3 | | 070 | |
| | Suggested Emphasis Elective | 3 | | | |
| | | | | | |
| | | | | | |
| TOTAL CREDITS | | 15 | | | |

Suggested Emphasis Electives

- Any NTWK course
- Any PRGM course
- Any BSTC course
- Any MATH course
- MATH 1830 Trigonometry*
- MATH 1832 Analytic Geometry-Calculus I*
- MATH 1834 Analytic Geometry-Calculus II*
- PHYS 1600 Physics I*
- PHYS 1602 Physics II*
- PHYS 1604 Engineering Physics I*
- PHYS 1606 Engineering Physics II*

See full list of courses in courses.bartonccc.edu

Advising Notes

* Subject to placement or pre-requisite requirements

| Student Name | ID# | |
|--------------|-----|--|
| | | |