**Advisement Worksheet: Computer Networking Option (2014-2015)**

Note: The catalog contains official requirements. This is simply an advisement tool to help with planning. In all cases, you should check the catalog to make sure that you are meeting curriculum requirements.
Name:

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| **General Education Requirements** The General Education Requirements are expressed in Competencies. The student can meet the requirements for these competencies by taking as few as seven courses and as many as eleven courses. One course can meet as many as 3 competencies. To meet the requirements in seven courses careful planning is required. It is strongly recommended that the student meet with a CIS advisor for assistance in selecting courses.  | **General Education competency fulfilled by taking specified class.**  |
|  | ENG101  | Composition I: College Writing (3cr) | Written Communication (6cr) |
|  | ENG102  | Composition II: Writing about Literature (3cr) | Written Communication (6cr) |
|  | MTH131  | Elements of College Math (3cr) | Quantitative/Symbolic Reasoning (3-4 cr)  |
|  | Scientific Reasoning & Discovery  | Pick a 3 or 4 credit course from the Scientific Reasoning & Discovery category list:  [Science Electives](http://bristolcc.smartcatalogiq.com/en/2014-2015/Catalog/General-Education-Competency-Courses/30-Scientific-Reasoning-and-Discovery). | Scientific Reasoning & Discovery (3-4 cr) |
|  | **Pick One**COM101COM114  | Fundamentals of Public SpeakingProfessional Speaking | Humanities (3 cr)Oral Communication (0-3 cr) |
| The CIS department has created 2 plans that will allow the student to complete the 5 remaining competencies by taking only 2 classes.  **These are recommended plans, not required. The student can choose to follow either one of these plans to fulfill the specified general education competencies or the student can develop his/her own plan.** If the student has transferred courses from another college or has changed majors while at BCC and has taken other BCC courses he/she should meet with a CIS advisor to determine how/if these classes fulfill any of the general education requirements in his/her program.  |
| **Plan A** |  |
|  | **Pick One**HST113\*HST114\* | United States History to 1877United States History from 1877 | Historical Awareness (3cr)Multicultural Perspective (0-3 cr)Ethical Dimensions (0-3 cr) |
|  | **Pick One**HST111, HST1112, HST113\*, HST114\*, HST226, HST257, ART105, ART106, PSY271, SOC101, SOC212, SOC252, GVT111, GVT112 | Social Phenomenon (3cr)Global Awareness (0-3 cr) |
| **or Plan B** |  |
|  | **Pick One**HST111 HST112 HST113\* HST114\*  | The West and the World IThe West and the World IIUnited States History to 1877United States History from 1877 | Historical Awareness (3cr)Global Awareness (0-3 cr) |
|  | **Pick One**HST113\*HST114\* SOC256  | United States History to 1877United States History from 1877Race Relations | Social Phenomenon (3cr)Multicultural Perspective (0-3 cr)Ethical Dimensions (0-3 cr) |
| \*The same course cannot be selected from each block in Plan A or Plan B (i.e., if HST113 is selected in the first block for Plan A it cannot be used as the selection from the 2nd block for Plan A.  |
| **General Courses:** |  |
|  | BUS115  | Fundamentals of an Enterprise (1cr) |
|  | EGR133  | Computer Configuration & Repair (4cr) (Recommended in 2nd or 3rd Semester) |
| **CIS Requirements: Recommended Order to take CIS Courses**  |
| **Semester I:** | **Semester III:** |
|  | CIS120  | Programming Logic, Design and Implementation (3cr) |  | CIS133  | Unix/Linux Systems Administration I (3 credits) |
|  | CIS121  | Operating Systems (3cr) |  | CIS231  | Windows Server Admin II (3cr) |
| **Semester II:** |  | CIT150  | Network Security (3cr) |
|  | CIS106  | Operating System Scripting (1cr) | **Semester IV:** |
|  | CIS131  | Windows Server Admin I (3cr) |  | CIS271  | Network Install & Config Seminar (4cr) |
|  | CIS134  | Networking Technologies (4cr) |  | CIS233  | Routing and Router Configuration (3cr) |
|  | CIS132  | Intro to Unix/Linux & Shell Programming (3cr) |  | CIS232  | Unix/Linux Systems Admin II (3cr) |