



Sample Transfer Plan

Area of Focus: **Computer Science Networking**

Associate in Arts (AA) transfer degree

East Campus students may need to take certain CS, NETW, and MATH courses at the QC Campus or online.

This Sample Transfer Plan is for students intending to major in Computer Science Networking after transfer, but who have not selected a transfer institution. Students who have a specific transfer school in mind should not use this guide, but instead seek advising from BHC and the transfer school to ensure the transfer institution's requirements are met.  
**This plan is preparation for a Bachelor of Science degree in Computer Science Networking.**

The Computer Science Networking area of focus involves algorithms, theoretical foundations and management of networks. Students need a strong foundation in mathematics. Graduates of baccalaureate programs will be prepared to work for a variety of companies including those that have a software, engineering, scientific, or mathematical focus.

<b>General Education Recommendations:</b>		<b>minimum 37 credits</b>
This section includes the complete <a href="#">Illinois Articulation Initiative General Education Core Curriculum (IAI GECC)</a> , which is a package of courses meeting general education requirements at more than 100 participating Illinois colleges and universities.		
<b>Communication (9 credits) – all courses required</b> ENG 101 Composition I (3) – grade 'C' or better required ENG 102 Composition II (3) – grade 'C' or better required SPEC 101 Principles of Speech Communication (3)	<b>Social &amp; Behavioral Sciences (9 credits)</b> <i>Must include courses from two different disciplines</i> Choose three IAI: S courses (3) <i>ECON 221 Macro Economics (3) or ECON 222 Micro Economics (3) are excellent choices for CS majors</i>	
<b>Humanities &amp; Fine Arts (9 credits)</b> PHIL 100 Logic -or- other IAI: H or HF course (3) Fine Arts-choose one IAI: F or HF (3) Humanities or Fine Arts – choose another IAI: F, H, or HF course (3)	<b>Mathematics (3 credits)</b> MATH 161 Discrete Math (3)	
<b>Physical &amp; Life Sciences (7 credits min. including one lab)</b> Life Science – choose one IAI: L course (3 min.) Physical Science – choose one IAI: P course (3 min.)		
NSCI 101 – Environmental Science I (3) <u>and</u> NSCI 102 – Environmental Science II (4)		

<b>Elective Recommendations:</b>		<b>up to 23 credits</b>
This section includes courses appropriate for this area of focus. Because transfer institutions vary in their acceptance of coursework, check course transferability with <a href="#">Transfer Equivalencies</a> , <a href="#">Transferology</a> , or an advisor. IAI courses are identified with an asterisk *. <b>Seek advising about other elective courses that may support your reasons for choosing this area of focus.</b>		
<b>Computer Science Major Electives</b> CS 105 Computer Science: Principles (3) CS 121 Intro to Computer Science (4) * CS 225 Advanced Programming (4)*  <b>Other Electives</b> NETW 125 Introduction to Networks (4) NETW 145 Routing, Switching & Wireless (4) NETW 265 Enterprise Net. Sec. / Automation (4) NETW 285 CISCO IV / CCNA Prep. (4) <i>NETW courses most often transfer as major electives or general education electives.</i> MATH 124 Calculus I with Analytic Geometry (4)*	<b>Foreign Language:</b> Consider the foreign language admission and/or graduation requirement of potential transfer schools, which may be satisfied with high school and/or college courses. Consult an advisor.  <b>Minor:</b> Transfer majors may require a minor area of study, which may be started at BHC with 1-3 courses. Discuss possible minors & courses with an advisor.	

**60 total credits required for AA degree (General Education + Electives)**

**Non-Western studies graduation requirement.** To graduate with the AA degree, include at least one non-Western studies course. The course can simultaneously fulfill a general education requirement in humanities, fine arts, or social and behavioral science, or be taken as an elective. Choose from ANTH 102; ART 285 or 286; ENG 217, 218, or 219; HIST 222, 141, 142, or 151; IS 200; or MUSC 158.

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**Learn More About This Area of Focus:**

- Get to know [Black Hawk College Career Services](#) Phone: 309-796-5626
- Visit [Career Coach](#) to Browse Careers. Includes job data and open positions for the greater Quad City region and beyond.
- Browse careers at [Collegegrad.com/careers](#) [O\\*Net OnLine](#) [Occupational Outlook Handbook](#) [Occupational Profiles](#)
- For additional information visit: [Network Professional Association](#); [Center for Excellence for Information and Computer Technology](#); [IEEE Computer Society](#); [Association for Computing Machinery](#)

**Course Transferability:**

- Course and transfer requirements can vary among institutions and may differ from the recommendations on this guide. Grades of 'C' or better may be required for a course to transfer, especially courses intended for the major.
- **Students are advised to select a transfer school as soon as possible, typically before completing 30 college-level credits.**

<b>Where to transfer?</b>		
To research transfer colleges and universities, visit the following links		
BHC Transfer Guides and Agreements <a href="https://www.bhc.edu/academics/transfer-programs/guides-and-agreements/">https://www.bhc.edu/academics/transfer-programs/guides-and-agreements/</a>	Illinois institutional profiles <a href="http://ibheprofiles.ibhe.org/">http://ibheprofiles.ibhe.org/</a>	College Navigator <a href="https://nces.ed.gov/collegenavigator/">https://nces.ed.gov/collegenavigator/</a>

**Degree Timeframe:**

- Students who complete an average of 15 college-level credits in four consecutive fall and spring semesters could complete the degree in two years. Students determine their own pace and progress and should consider their work and personal commitments, course difficulty, course pre-requisites, and possible need for additional courses determined by placement assessments. Advisors are available to discuss credit load and schedules appropriate for student goals and circumstances.

**Advising Notes:**

- See the current [BHC Catalog](#) for all IAI course codes, course descriptions, pre-requisite information, and complete graduation requirements to earn the degree. The area of focus is not stated on student transcripts.
- This guide is not a substitute for advising. All students are encouraged to seek advising each semester. Advising is required prior to registering for students who have earned fewer than 30 college-level credits.

<b>Semester</b>	<b>Meet with BHC advisor</b>	<b>Registration begins</b>
Summer and Fall	February or March	1 <sup>st</sup> Tuesday in April
Spring & minimester	September or October	1 <sup>st</sup> Tuesday in November

<b>BHC Contacts</b>		
QC Campus Advising / Moline, IL Building 1, Advising Center 309-796-5100 Email <a href="mailto:advqc@bhc.edu">advqc@bhc.edu</a>	East Campus Advising / Galva, IL Building A, Room 246 309-854-1709	<a href="#">Business, Computer &amp; Engineering Technology Department</a>