The Computer Science Transfer Associate in Science degree program provides the technical and general education courses necessary for transfer into a bachelor's degree program in computer science or related disciplines. Programming knowledge and training in problem solving and analysis is emphasized. This program qualifies for MassTransfer, which guarantees credit transfer to Massachusetts state universities and the University of Massachusetts. A considerable amount of hands-on computer experience is incorporated into the curriculum.

This advising guide includes information that will help you explore your academic and career interests and determine whether the Computer Science Transfer Major will support your long-term goals.

EXPLORE YOUR OPTIONS WITH ACADEMIC ADVISING

Throughout each semester, meet with your advisor so that he/she can guide you through a self-exploration process that will help you identify your academic and career interests.

Beginning of Semester:
___ Schedule an appointment to meet with your academic advisor during the first few weeks to discuss future plans and how a Computer Science degree can help you achieve your goals.
___ Explore your personal interests by completing Focus2, an online career assessment tool: https://www.middlesex.mass.edu/careerservices/focus2.aspx

Mid-Semester:
___ Schedule an appointment with academic advisor review your academic progress, Focus2 results and create an academic plan in DegreeWorks.

Before Semester Ends:
___ Schedule an appointment to discuss and register for the classes you will take the following semester. (Early November for spring, Early April for fall and summer)
___ Visit the Academic Career & Transfer Center or call 1-800-818-3434 to schedule an appointment.

COMPUTER SCIENCE TRANSFER PROGRAM OUTCOMES

Graduates of the program are prepared to:

■ Apply fundamental concepts of programming languages and software development to solve a diverse array of problems and recognize these concepts in different languages;
■ Communicate clearly, accurately, and succinctly through written and verbal means;
■ Work effectively with others to design, develop, evaluate and present solutions to business and software;
■ Analyze a problem, gather data and use logic to solve, predict and analyze results for such relevance, accuracy and consistency;
■ Recognize solutions patterns of common problems and apply to new challenges.
IS THE COMPUTER SCIENCE TRANSFER MAJOR A RIGHT FIT FOR ME?

Think about whether you have the following personality traits and abilities that people in the Software Development Industry must posses:

- **Computer Programming:**
  Writing Computer Programs to perform specific information handling operations.

- **Designing:**
  Analyzing requirements for a new product or service and creating a design to satisfy those needs.

- **Listening:**
  Paying attention to what other people are saying, and taking the time to understand the points being made.

- **Problem Solving:**
  Ability to identify a problem, review related information, develops and evaluates options, and implements a solution.

- **Reading Comprehension:**
  The ability to understand complex written paragraphs, instructions or reports.

- **Troubleshooting:**
  Analyzing the symptoms of a problem and deciding what actions should be taken to resolve the problem.

TAKE OUR QUIZ TO DETERMINE IF COMPUTER SCIENCE IS THE RIGHT FIT FOR YOU:
THE CAREER PATH
Career opportunities are open to students who transfer to a baccalaureate degree-granting institution and complete a bachelor’s degree. Upon completion of a bachelor’s degree, students in computer science qualify for a variety of positions including, Software Engineer, Programmer, Applications Programmer, Systems Programmer, Computer Engineer, Systems Analyst and Quality Assurance Engineer.

Career Planning Activities:
___ Work with career advisor to create resume, cover letter and help improve your interview skills
___ Identify internship and volunteer opportunities in your desired field
___ Attend career workshops and job fairs

THE TRANSFER PATH
Transfer Planning Activities:
___ Work with an advisor to discuss MassTransfer, Articulations and transfer agreements.
___ Visit your selected campuses in person. Every college looks good online or in a glossy photo, but you can get a better feel when you visit.
___ Meet with a transfer counselor to identify transfer scholarships.
___ Research admissions requirements and deadlines at four-year colleges and universities.

MCC ADVISING RESOURCES
Career Services:
https://www.middlesex.mass.edu/careerservices
Transfer Services:
https://www.middlesex.mass.edu/transfer
MassTransfer:
https://www.middlesex.mass.edu/transfer/masstransfer.aspx
Financial Aid:
https://www.middlesex.mass.edu/financialaid
Foundation Scholarships:
https://www.middlesex.mass.edu/foundation/scholarships
College Board Match Maker:
https://bigfuture.collegeboard.org/college-search
You can find more information about careers and salaries at: www.bls.gov

Schools offering a Bachelor of Science Degree in Computer Science:
University of Massachusetts Lowell:
www.uml.edu/sciences/computer-science/default.html
University of Massachusetts Amherst:
www.framingham.edu/computer-science/index.html
Framingham State University:
www.framingham.edu/computer-science/index.html
Northeastern University:
www.ccs.neu.edu
Boston University:
www.bu.edu/cs

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