



Computer Science Associate of Arts

EFFECTIVE BEGINNING ACADEMIC YEAR 2025-26

LAST REVISED: April 17, 2026

There are different computing disciplines: Computer Science emphasizes mathematical concepts related to designing new technology. Information Systems focuses on application of the information aspects of information technology, whereas Information Technology emphasizes the application of the technology itself more than the information it conveys.

Computer Science involves design and innovation developed from computing principles. It focuses on the theoretical foundations of computing, algorithms, and programming techniques, as applied to operating systems, artificial intelligence, informatics and other emerging areas. Computer scientists should be prepared to work in a broad range of positions involving tasks from theoretical work to software development. Computer science programs typically require significant mathematical background.

Table with 3 columns: GENERAL EDUCATION REQUIREMENTS/OHIO TRANSFER 36, COURSE NUMBER, and CREDIT HOURS. Rows include categories like ENGLISH COMPOSITION AND ORAL COMMUNICATION, MATHEMATICS, STATISTICS, AND LOGIC, ARTS AND HUMANITIES, SOCIAL AND BEHAVIORAL SCIENCES, NATURAL SCIENCES, and ADDITIONAL CREDITS, with specific course numbers and credit values.

Advising Notes:

Where it indicates "Any Ohio Transfer 36 approved," students should work closely with their advisors. (+) indicates that the courses chosen should be from two different areas within that category. 1 A prerequisite may be needed for a student to reach Calculus I (TMM005). 2 The Ohio State University and Cleveland State University require Physics (OSC016). The University of Cincinnati requires Chemistry I (OSC008). Some institutions require a full-year sequence or both along with biology. Check with your academic advisor and your receiving institution to determine the appropriate science courses. 3 Beginning in academic year 2029-2030, all bachelor-degree granting programs will require the successful completion of an American Civic Literacy course as a graduation requirement. Please work closely with your academic advisor to choose an approved course. See here for the list of approved American Civic Literacy courses.



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Table with 3 columns: PRE-MAJOR/BEGINNING MAJOR, COURSE NUMBER, CREDIT HOURS. Rows include Course 1-4 and a total row.

Table with 3 columns: OTHER RECOMMENDATIONS, COURSE NUMBER, CREDIT HOURS. Rows include Electives and a total row.

Advising Notes:

1 Additional recommended pre-major/major coursework is institution specific. Requirements vary by institution. Consult with your academic advisor and your receiving institution to determine an appropriate program of study.

2 "To be submitted" indicates that this course does not yet carry that the statewide course equivalency guarantee. However, the institution is working towards this goal. Please consult with your institution's point of contact listed below for guidance on enrollment in this course.

Table with 2 columns: ASSOCIATE DEGREE, Total Credit Hours. Row: ASSOCIATE DEGREE TOTAL: 62-64

SPECIAL NOTES

Some bachelor-degree granting programs may be competitive and admission into the program is not guaranteed. Students should check with individual institutions for their program admission requirements.

Some bachelor-degree granting institutions require additional general education courses outside of the Ohio Transfer 36 and students may be required to take these courses in their junior or senior year. Students will still be able to follow this pathway and complete their bachelor's degree in approximately 60 additional credit hours.

For more information, please contact:

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SAMPLE DEGREE MAP

FIRST YEAR

Table with 4 columns: Semester, Course Name & Number, Credit Hours, and Total Semester Credit Hours. Rows include ENG 1010/101H, GEN 1070, IT 1025, IT 1050, MATH 1610/161H, ENG 1020/102H, Ohio Transfer 36 Social & Behavioral Sciences Elective, IT 2650, MATH 1620/162H, Ohio Transfer 36 Arts & Humanities Elective.

SECOND YEAR

Table with 4 columns: Semester, Course Name & Number, Credit Hours, and Total Semester Credit Hours. Rows include IT 2660, MATH 2010, COMM 1010/101H, CHEM 1300/130H, MATH 2410, IT 2700, IT 2310, IT 2351, Ohio Transfer 36 Natural Sciences Elective, Ohio Transfer 36 Social & Behavioral Sciences Elective, PHIL 2020/202H.



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OHIO TRANSFER 36 ELECTIVES

Please work closely with your advisor when selecting courses.

Table with 3 columns: ARTS AND HUMANITIES, Course Number, Credit Hours. Lists 36 courses including Art Appreciation, Survey of Non-Western Art, Art History Survey, Dance Appreciation, Women Writers, American Literature, British Literature, Introduction to Literature, African-American Literature, World Literature, Shakespeare, Exploration of World Mythology, Rhetorics of Gaming, Islam to the Modern Middle East, African American History, Hitler and the Holocaust, and Women in American History.

Table with 3 columns: ARTS AND HUMANITIES, CONTINUED, Course Number, Credit Hours. Lists 27 courses including Introduction to Humanities, The Individual Society, Community Engagement Through the Humanities, Culture and Belief, Film Appreciation, Survey of European Classical Music, Survey of Jazz, Survey of Rock and Roll, Survey of African-American Music, Survey of World Music, Jazz History, Critical Thinking, Introduction to Philosophy, Ethics, Bioethics, Business Ethics, Honors Social Justice, Introduction to Religious Studies, Comparative World Religions, Religious Traditions of Western Christianity, African-American Religious Experience, Theatre Appreciation, History of Theatre and Drama I, and History of Theatre and Drama II.



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OHIO TRANSFER 36 ELECTIVES

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Table with 3 columns: Course Name, Course Number, Credit Hours. Lists various social and behavioral science courses such as Cultural Anthropology, Survey of Economics, and History of Civilization I.

Table with 3 columns: Course Name, Course Number, Credit Hours. Continues the list of social and behavioral science courses, including Life Span Development, Social Psychology, and Introductory Sociology.



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OHIO TRANSFER 36 ELECTIVES

Please work closely with your advisor when selecting courses.

Table with 3 columns: Course Name, Course Number, Credit Hours. Lists various natural science and chemistry courses such as Human Evolution, The Cell and DNA, and General Chemistry.

Table with 3 columns: Course Name, Course Number, Credit Hours. Lists continued natural science courses such as Earth, Earth Laboratory, and Astronomy.

Advising Note: * Please see Tri-C catalog for approved modalities.