

COMPUTER INFORMATION SYSTEM, PROGRAMMING OPTION, AAB

Associate of Applied Business in Computer Information Systems, Programming (244106AAB)

More on the Computer Information Systems major (<https://www.uakron.edu/bit/cis/>)

Program Contacts

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Program Description

The Computer Information Systems (CIS) offers associate and baccalaureate programs that introduce students to basic computing concepts while allowing them to develop the applied skills required the workforce. Courses start the student along the path for professional certifications. There are options, minors, and certificates available. CIS courses are taught in cutting edge computer labs so students can learn and practice skills. The CIS program offers high level training for the information technology professionals. Schedules offer a range of day and evening classes.

Department Policy

- **Students must attain a "C" or better in each course in their major area (2440).**
- A cumulative GPA of 2.0 and a minimum of 15 earned credit hours for Inter- and Intra-College Transfer into all Associate and Bachelor's degree programs.
- Additional classes may be needed to transition into a BS degree in Computer Information Systems

Career Information

Graduates of the associate and bachelor's degree in CIS - Programming are expected to qualify for such positions as programmer/analysts, software developers, database administrators, and web developers in in government, business, information technology, and other industries.

For additional information please visit the Bureau of Labor Statistics www.bls.gov or visit the Career Center <http://www.uakron.edu/career/> in the Student Union, Room 211.

The following information has official approval of **The Department of Computer Science** and **The College of Engineering and Polymer Science**, but is intended only as a supplemental guide. Official degree requirements are established at the time of transfer and admission to the degree-granting college. Students should refer to the Degree Progress Report (DPR) which is definitive for graduation requirements. *Completion of this degree within the identified time frame below is contingent upon many factors, including but not limited to: class availability, total number of required credits, work schedule, finances, family, course drops/withdrawals, successfully passing courses, prerequisites, among others.* The transfer process is completed through an appointment with your academic

advisor. Transfer students should consult their Advisor to identify courses that are equivalent.

1st Year		Hours
Fall Semester		
2020:121	English	3
2030:152	Technical Mathematics II	2
2030:153	Technical Mathematics III	2
2420:104	Introduction to Business	3
2440:121	Introduction of Logic/Programming	3
2440:140	Web Design Fundamentals	3
Hours		16
Spring Semester		
2420:103	Essentials of Management Technology	3
2440:145	Introduction to Unix/Linux	3
2440:170	Visual BASIC ²	3
2440:180	Introduction to Database Management ²	3
Natural Science Requirement		3
Hours		15
2nd Year		
Fall Semester		
2420:211	Essentials of Financial Accounting	3
2420:263	Professional Communications and Presentations	3
2440:210	Client/Server Programming ¹	3
2440:241	Systems Analysis & Design ¹	3
2440:256	C++ Programming ¹	3
Hours		15
Spring Semester		
2040:244	Death & Dying	3
or 2040:254	or The Black Experience from 1619-1877	
or 2040:256	or Diversity in American Society	
or 2040:257	or The Black Experience 1877 - 1954	
or 2040:258	or The Black Experience 1954 - Present	
2040:247	Survey of Basic Economics	3
2420:202	Elements of Human Resource Management	3
2440:160	JAVA Programming ²	3
2440:240	Computer Information Systems Internship ²	3
Hours		15
Total Hours		61

¹ Traditionally Fall Only (See Program Contact).

² Traditionally Spring Only (See Program Contact).

Policy Alert: By the end of your first 48 credit hours attempted, you must have completed your required General Education English, Mathematics, and Communications (Speech) requirements.

Note:

- Students entering the Computer Information Systems programs (Cybersecurity, Digital Forensics, Networking, and Programming) must pass department placement exams or complete the following bridge course prior to enrolling in the program.
 - Bridge Course: 2440:105 Introduction to Computers and Application Software