

Computer Information Systems

Programming Option, Associate of Applied Business Degree (244106AAB)

The following information has official approval of The University of Akron's College of Applied Science and Technology but is intended only as a guide. Official degree requirements are established at the time of transfer and admission to the degree-granting college. 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, and prerequisites, among others. The transfer process is completed through an appointment with your Academic Advisor.

CIS core courses are in **bold** type. Business core courses are in regular type. General Education requirements are in *italics*. All other courses are in **bold italic** type. If a course is not specified, refer to the General Education webpage at <http://www.uakron.edu/cast/gened>. The College of Applied Science and Technology recommends that students take the General Education courses listed in this curriculum guide. Transfer students should consult their Advisor to identify courses that are equivalent.

Year 1 Fall	Prerequisite
<i>2020:121 English (3)</i>	<i>Placement by Advisor</i>
2030:152 Technical Mathematics II (2) -AND- 2030:153 Technical Mathematics III (2)	<i>Placement by Advisor; 2030:152 (must be passed with C- or better)</i>
2420:104 Introduction to Business in the Global Environment (3)	
2440:121 Introduction to Logic/Programming (3)	2440:105 or placement test
2440:140 Internet Tools (3)	2440:105 or placement test
Total Credits = 16	

Year 1 Spring	Prerequisite
<i>Natural Science Requirement without Lab (3)</i>	
2420:103 Essentials of Management Technology (3)	
2440:145 Introduction to Unix/Linux (3)	2440:105 or placement test
2440:170 Visual BASIC (3) (Note b)	2440:121
2440:180 Introduction to Database Management (3) (Note b)	2440:121
Total Credits = 15	

Year 2 Fall	Prerequisite
<i>2420:263 Professional Communications and Presentations (3)</i>	
2420:211 Basic Accounting I (3)	
2440:210 Client Server Programming (3) (Note a)	2440:180
2440:241 Systems Analysis and Design (3) (Note a)	2440:160/170/256 and 2440:180
2440:256 C++ Programming (3) (Note a)	2440:121
Total Credits = 15	

Year 2 Spring	Prerequisite
<i>2040:247 Survey of Basic Economics (3)</i>	
<i>2040:244 Death and Dying (3)</i> <i>-OR- 2040:254 Black Experience 1619-1877 (2)</i> <i>-OR- 2040:256 Diversity in American Society (3)</i> <i>-OR- 2040:257 Black Experience 1877-1954 (2)</i> <i>-OR- 2040:258 Black Experience 1954-Present (2)</i>	<i>2020:121 or 3300:112</i> <i>2020:121, or 3300:112 or equivalent</i> <i>2020:121 or 3300:112</i> <i>2020:121 or 3300:112</i>
2420:202 Elements of Human Resource Management (3)	2420:103 or permission
2440:160 Java Programming (3) (Note b)	2440:121
2440:240 CIS Internship (3) (Note b)	2440:241, or 2440:202 and 2440:247, or 2440:282 and 2440:247
Total Credits = 14-15	

Total Credits for Degree = 60 minimum

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.

You must have a minimum cumulative GPA of a 2.0 to graduate with this degree.

Department of Business and Information Technology Policy

- Students must attain a "C" or better in each course in their major area (2440).
- The Department of Business and Information Technology requires 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.

Notes

- Traditionally Fall Only (See Program Contact)
- Traditionally Spring Only (See Program Contact)
- Additional classes may be needed to transition into a B.S. degree in Computer Information Systems

AAB CIS – Programming Option (Total Credits)

- General Education (18/60) = 30%
- Business Core (12/60) = 20%
- CIS (30/60) = 50%

Program Contacts

- Dr. Zarreen Farooqi (zarreen@uakron.edu), 330-972-8858
- Enoch Damson (damson@uakron.edu), 330-972-7162
- CAST Advising, Polsky Building Room 203, 330-972-7220

Program Description

CIS offers associate and baccalaureate programs that introduce students to basic computing concepts while allowing them to develop the basic skills required to begin a career. 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 computer programmers and microcomputer application specialists. Schedules offer a range of day, evening and weekend classes.

Career Information

Graduates of the AAB/BS CIS program are expected to qualify for such positions as programmer/analysts, software developers, web developers, computer operators, or network specialists in business, IT, industry, and government organizations.

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.

Bachelor Degree Programs from the Department of Business and Information Technology

- Computer Information Systems – Networking Option
- Computer Information Systems – Specialized IT Applications
- Computer Information Systems – Programming Option
- Computer Information Systems – Web Development Option
- Bachelor of Organizational Supervision

Transfer to the College of Applied Science and Technology

To be admitted to the College of Applied Science and Technology, a student must have a GPA of 2.0. A student can complete the transfer process through an appointment with an Academic Advisor in the college in which they reside.