

# Computer Applications Certificate (CAPC)

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The Computer Applications Certificate assists professionals who are seeking career development opportunities while earning college credit, as well as students in any program or major who want to increase employment options by adding to their computer skills.

The certificate program builds proficiencies in using Microsoft Office software within a workplace environment. Many of the certificate courses prepare students to take Microsoft Office Support and Expert Specialist certification tests for various Microsoft Office software applications.

For more information, please contact the Business Technologies Division at (513) 569-1620.

To apply for this program at Cincinnati State, visit the Admissions (<http://www.cincinnati.edu/academics/admission/>) section of the College website.

## Computer Applications Certificate (CAPC)

Prior to enrolling in the Computer Applications Certificate program, students must complete a keyboarding assessment to demonstrate their ability to type a minimum of 35 words per minute. If the typing speed is below 35 wpm, students will be directed to take IM-111A or IM-105.

Semester 1		Lec	Lab	Credits
IM 111	Computer Applications	2	3	3
IM 130	Electronic Word Processing: Microsoft Word	2	3	3
IM 150	Electronic Presentations: Microsoft PowerPoint	2	3	3
Semester 2				
IM 120	Electronic Spreadsheets: Microsoft Excel	2	3	3
IM 160	Electronic Publications: Microsoft Publisher	2	2	3
XXX XXX	Directed Elective 1	3	0	3
XXX XXX	Directed Elective 2	3	0	3
Semester 3				
IM 109	Introductory Database Management: Microsoft Access	0	2	1
IM 155	Emerging Technologies and Social Media	2	2	3

XXX XXX	Directed Elective 3	3	0	3
XXX XXX	Directed Elective 4	3	0	3
<b>Total</b>		<b>24</b>	<b>18</b>	<b>31</b>
<b>Credits:</b>				

## Electives

Students must consult with an advisor before selecting elective courses

### Directed Electives (take 12 credits)

ACC 101	Financial Accounting	3
ACC 102	Managerial Accounting	3
ACC 135	Financial Statement Analysis	2
ACC 175	Federal Taxation: Individuals	3
ACC 201	Intermediate Accounting 1	4
ACC 125	Computerized Bookkeeping: QuickBooks	2
IM 115	Administrative Office Procedures and Practices	3
IM 135	Business Document Formatting	3
IM 145	Document Proofreading and Editing	3
IM 165	Legal Office Environment	3
IM 170	Electronic Project Management: Microsoft Project	3
IM 200	Information Systems for Managers	3
IM 290	Administrative Assistant Capstone	3
ECO 105	Principles of Microeconomics	3
ECO 110	Principles of Macroeconomics	3
FIN 100	Personal Finance	3
FIN 130	Principles of Banking	3
LAW 101	Business Law	3
LAW 120	Legal Research and Writing	3
LAW 130	Estate Planning, Family and Probate Law	3
LAW 210	Litigation	3
MGT 101	Principles of Management	3
MGT 120	Entrepreneurship	3
MGT 140	Quality Management	3
MKT 101	Principles of Marketing	3
MKT 105	Marketing and Customer Relations	3
MKT 130	Principles of Sales	3
RE 100	Real Estate Principles and Practices	3
RE 105	Real Estate Law	3
RE 110	Real Estate Appraisal and Finance	3
RE 115	Real Estate Salesperson Exam Preparation	1
SCM 105	Principles of Supply Chain Management	3
SCM 150	Logistics and Distribution Technology	3
SCM 210	Procurement Management	3

Some courses are offered in alternative versions identified with a letter after the course number-- for example, ENG 101 and ENG 101A.

- This curriculum displays only course numbers without the added letter.

- The alternative version, when available, meets the requirements of the course version without the added letter.

## IM Courses

### IM 105 Keyboarding Skills

**2 Credits. 1 Lecture Hour. 2 Lab Hours.**

A course on fundamental techniques for building keyboarding speed and formatting documents. Students must achieve a minimum speed of 20 words per minute to pass the course.

Prerequisites: Placement into ENG 101A

### IM 106 Introductory Electronic Word Processing: Microsoft Word

**1 Credit. 0 Lecture Hour. 2 Lab Hours.**

A course on fundamental practical applications of Microsoft Word software. Topics include: creating and formatting documents, tables, and reports. This course is delivered through online instruction only, in a five-week format. To enroll in the class students must be able to type a minimum of 20 words per minute.

Prerequisites: FYE 120 or placement into ENG 101

### IM 107 Introductory Electronic Presentations: Microsoft PowerPoint

**1 Credit. 0 Lecture Hour. 2 Lab Hours.**

A course on fundamentals of developing effective slide presentations using Microsoft Office PowerPoint software. Topics include: creating and editing presentations with pictures, and adding media and animation. This course is delivered through online instruction only, in a five-week format. To enroll in the class students must be able to type a minimum of 20 words per minute.

Prerequisites: FYE 120 or placement into ENG 101

### IM 108 Introductory Electronic Spreadsheets: Microsoft Excel

**1 Credit. 0 Lecture Hour. 2 Lab Hours.**

A course on fundamental techniques for using Microsoft Office Excel software. Topics include: constructing worksheets, writing formulas, using functions, and creating graphs. This course is delivered through online instruction only, in a five-week format.

Prerequisites: FYE 120 or placement into ENG 101 MAT 093 or MAT 105A or appropriate Math placement

### IM 109 Introductory Database Management: Microsoft Access

**1 Credit. 0 Lecture Hour. 2 Lab Hours.**

A course on fundamental practical applications of Microsoft Office Access software. Topics include: developing tables, queries, and reports; working in datasheet and design view; and maintaining database files. This course is delivered through online instruction only, in a five-week format.

Prerequisites: Placement into ENG 101A

### IM 111 Computer Applications

**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

A course on fundamental skills for using workplace software applications. Topics include: Microsoft Office applications for word processing (MS Word), spreadsheets (MS Excel), database management (MS Access), and presentations (MS PowerPoint); the MS Windows operating system; using the internet; and file storage.

Prerequisites: FYE 120 or placement into ENG 101

### IM 111A Intensive Computer Applications

**4 Credits. 2 Lecture Hours. 4 Lab Hours.**

A lab-supported course on fundamental skills for using workplace software applications. Topics include: the MS Windows operating system, foundation skills for Microsoft Office applications, techniques for building keyboarding speed, using the internet, and file storage.

Prerequisites: Placement into ENG 101A

### IM 115 Administrative Office Procedures and Practices

**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

A course on fundamental concepts and skills required to perform office administration duties and activities.

Prerequisites: Placement into ENG 101A

### IM 120 Electronic Spreadsheets: Microsoft Excel

**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

A course on concepts and techniques for using Microsoft Office Excel spreadsheet software. Topics include: constructing worksheets, writing formulas, constructing macros, and using spreadsheets with databases.

Prerequisites: Placement into ENG 101A MAT 093 or MAT 105A or appropriate Math placement

### IM 130 Electronic Word Processing: Microsoft Word

**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

A course on concepts and techniques for word processing using Microsoft Office Word software. Topics include: developing letters and reports, using mail merge, and designing forms.

Prerequisites: Placement into ENG 101A

### IM 135 Business Document Formatting

**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

A course on composing, editing, and formatting professional business documents using appropriate business communication methods.

Prerequisites: IM 111 and IM 130 (minimum grade C for both)

### IM 145 Document Proofreading and Editing

**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

A course on using editing and proofreading skills to produce documents that are correct, complete, concise, coherent, clear, and courteous.

Prerequisites: ENG 101

### IM 150 Electronic Presentations: Microsoft PowerPoint

**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

A course on skills for developing effective slide presentations using Microsoft Office PowerPoint software.

Prerequisites: FYE 120 or placement into ENG 101

### IM 155 Emerging Technologies and Social Media

**3 Credits. 2 Lecture Hours. 2 Lab Hours.**

A course on using collaborative apps, web tools, and social media in the workplace. Topics may include: Microsoft Office OneNote, Cloud Collaboration Apps, web communication apps, and web development apps such as blogs and podcasts.

Prerequisites: IM 111 or IM 130 (minimum grade C for both)

### IM 160 Electronic Publications: Microsoft Publisher

**3 Credits. 2 Lecture Hours. 2 Lab Hours.**

A course on skills for preparing professional documents that combine text and images using Microsoft Publisher software.

Prerequisites: FYE 120 or placement into ENG 101

### IM 165 Legal Office Environment

**3 Credits. 3 Lecture Hours. 0 Lab Hour.**

A course on legal concepts and the structure of law firms as applicable to paralegals and other support staff. Topics include: legal terminology, court systems and procedures, administrative functions, and ethics and professionalism.

Prerequisites: FYE 120 or placement into ENG 101

**IM 170 Electronic Project Management: Microsoft Project  
3 Credits. 2 Lecture Hours. 3 Lab Hours.**

A course on skills for creating project plans and schedules using Microsoft Project software. Topics include: communicating project information, assigning and tracking resources and costs, tracking progress, and sharing project information with people and with other software applications.

Prerequisites: IM 130 (minimum grade C)

**IM 191 Part-Time Cooperative Education 1: Information Management**

**1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their first part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: BUS 190 (minimum grade C)

**IM 192 Part-Time Cooperative Education 2: Information Management**

**1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their second part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: IM 191

**IM 193 Part-Time Cooperative Education 3: Information Management**

**1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their third part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: IM 192

**IM 194 Part-Time Cooperative Education 4: Information Management**

**1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their fourth part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: IM 193

**IM 195 Part-Time Cooperative Education 5: Information Management**

**1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their fifth part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: IM 194

**IM 196 Part-Time Cooperative Education 6: Information Management**

**1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their sixth part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: IM 195

**IM 197 Part-Time Career Education Project: Information Management**

**1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree complete individual study or a special project related to their major field and pertaining to their career goals. Working with an assigned faculty mentor, students define the project goals, carry out project tasks, and evaluate the results. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: BUS 190 and coordinator consent

Instructor Consent Required

**IM 200 Information Systems for Managers**

**3 Credits. 3 Lecture Hours. 0 Lab Hour.**

A course on foundational concepts related to use of information systems such as the internet, e-mail, spreadsheet software, and database software.

Prerequisites: FYE 120 or placement into ENG 101

**IM 225 Legal Document Formatting**

**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

A course on preparing a variety of legal documents for litigation, probate, and family law practices. Topics include: legal terminology, attention to detail, and proofreading.

Prerequisites: IM 135 and IM 165 (minimum grade of C for both)

**IM 260 Medical Administrative Procedures**

**3 Credits. 2 Lecture Hours. 2 Lab Hours.**

A course on skills for appropriately operating any computerized billing and scheduling software used in medical offices. Topics include: terminology, gathering patient information, and entering transactions. Students complete case studies using billing/scheduling software.

Prerequisites: IM 115 and IM 130 (minimum grade C for both) and MCH 102

**IM 290 Administrative Assistant Capstone**

**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

Students seeking the Administrative Assistant associate's degree complete projects that demonstrate proficiency in integrated use of workplace software applications, as well as proficiency in techniques for research and communication.

Prerequisites: IM 115 and IM 120 and IM 130 and IM 145 (minimum grade C for all)

**IM 291 Full-Time Cooperative Education 1: Information Management**

**2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree participate in their first full-time field learning experience related to their degree. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: BUS 190 (minimum grade C)

**IM 292 Full-Time Cooperative Education 2: Information Management****2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree participate in their second full-time field learning experience related to their degree. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: IM 291

**IM 293 Full-Time Cooperative Education 3: Information Management****2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree participate in their third full-time field learning experience related to their degree. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: IM 292

**IM 297 Full-Time Career Education Project: Information Management****2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree complete individual study or a special project related to their major field and pertaining to their career goals. Working with an assigned faculty mentor, students define the project goals, carry out project tasks, and evaluate the results. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: BUS 190 and coordinator consent

Instructor Consent Required

**LAW Courses****LAW 101 Business Law****3 Credits. 3 Lecture Hours. 0 Lab Hour.**

A course on the legal environment in which businesses operate.

Prerequisites: Placement into ENG 101A

Ohio Transfer Assurance Guide Approved

**LAW 110 Employment and Administrative Law****3 Credits. 3 Lecture Hours. 0 Lab Hour.**

A course on federal laws regarding employment rights and responsibilities of employer and employee as well as case management methods used in administrative agencies. Topics include: public policy and processes related to hiring; work environment; resignation and termination; intake; claim filing and processing; handling appeals to Social Security, unemployment, Worker's Compensation, and State and Federal agencies; and recent employment trends. Students must attend field trips and work with a law clinic.

Prerequisites: LAW 101 (minimum grade C)

**LAW 120 Legal Research and Writing****3 Credits. 3 Lecture Hours. 0 Lab Hour.**

A course on concepts and techniques for conducting legal research and composing legal documents. Topics include: research purposes and uses; citation procedure and format; computer research tools including LEXIS; and writing materials such as briefs, pleadings, memorandums, motions, and discovery documents.

Prerequisites: LAW 101 (minimum grade C) and ENG 101

**LAW 130 Estate Planning, Family and Probate Law****3 Credits. 3 Lecture Hours. 0 Lab Hour.**

A course on concepts and processes of family and probate law and estate planning. Topics include: marriage, dissolution, divorce, and prenuptial agreements; child custody, visitation, and support; adoption and guardianship; juvenile law; and trusts and estate administration.

Prerequisites: LAW 101 (minimum grade C)

**LAW 150 Bankruptcy, Debt Collection, and Secured Transactions****3 Credits. 3 Lecture Hours. 0 Lab Hour.**

A course on the bankruptcy code and the bankruptcy process from debtor and creditor perspectives. Topics include: filing Chapter 7, 13, and 11 bankruptcies; individual and business liquidation and reorganization plans; and secured transactions including mortgages and other liens.

Prerequisites: LAW 101 (minimum grade C)

**LAW 191 Part-Time Cooperative Education 1: Legal Assistant****1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their first part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: BUS 190 (minimum grade C)

**LAW 192 Part-Time Cooperative Education 2: Legal Assistant****1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their second part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: LAW 191

**LAW 193 Part-Time Cooperative Education 3: Legal Assistant****1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their third part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: LAW 192

**LAW 194 Part-Time Cooperative Education 4: Legal Assistant****1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their fourth part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: LAW 193

**LAW 195 Part-Time Cooperative Education 5: Legal Assistant****1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their fifth part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: LAW 194

**LAW 196 Part-Time Cooperative Education 6: Legal Assistant  
1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their sixth part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: LAW 195

**LAW 197 Part-Time Career Education Project: Legal Assistant  
1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree complete individual study or a special project related to their major field and pertaining to their career goals. Working with an assigned faculty mentor, students define the project goals, carry out project tasks, and evaluate the results. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: BUS 190 and coordinator consent

Instructor Consent Required

**LAW 210 Litigation****3 Credits. 3 Lecture Hours. 0 Lab Hour.**

A course on concepts and processes of criminal and civil litigation. Topics include: parties to lawsuits, pleadings, motion practice, Federal Rules of Civil and Criminal Procedure, Federal Rules of Evidence, discovery, trial judgments, and alternative dispute resolution.

Prerequisites: LAW 101 (minimum grade C)

**LAW 290 Paralegal Capstone****3 Credits. 3 Lecture Hours. 0 Lab Hour.**

Students complete projects relevant to the administrative duties of the legal assistant, with emphasis on reviewing and applying skills gained throughout the degree program to prepare legal documents and information needed for success as a legal assistant. Activities incorporate review of grammar and punctuation, proofreading, legal terminology, keyboarding, and transcription accuracy and speed. The course is delivered through online instruction only.

Prerequisites: IM 225

**LAW 291 Full-Time Cooperative Education 1: Legal Assistant  
2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree participate in their first full-time field learning experience related to their degree. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: BUS 190 (minimum grade C)

**LAW 292 Full-Time Cooperative Education 2: Legal Assistant  
2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree participate in their second full-time field learning experience related to their degree. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: LAW 291

**LAW 293 Full-Time Cooperative Education 3: Legal Assistant  
2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree participate in their third full-time field learning experience related to their degree. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: LAW 292

**LAW 297 Full-Time Career Education Project: Legal Assistant  
2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree complete individual study or a special project related to their major field and pertaining to their career goals. Working with an assigned faculty mentor, students define the project goals, carry out project tasks, and evaluate the results. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: BUS 190 and coordinator consent

Instructor Consent Required