



ASSOCIATE OF SCIENCE IN

COMPUTER AND INFORMATION SYSTEMS

Businesses are increasingly reliant on computer systems to run day-to-day operations, opening the door for individuals with a strong background in the ever-changing world of information systems.



Where Alumni Work

Graduates of this program will have the ability to perform multi-dimensional administrative tasks efficiently and improve the overall work of companies.

The Computer Information Systems program is geared towards computer system applications in management situations. Graduates often find careers in cybersecurity, software engineering/development, and other interesting related fields. Coursework builds student proficiency in computing, operating systems, programming languages, website design, tech support, business analysis, networking and data design and infrastructure. The AS Computer information systems degree offers high growth potential because technology is an integral part in serving businesses worldwide.

PROGRAM REQUIREMENTS & DETAILS



High School diploma



2 year program

Why You Belong Here

Small class sizes ensure that our faculty are invested in student outcomes and hands-on learning opportunities. Students will learn how to create workspace environments, maintain desktop software, monitor projects, forecast trends and much more.

Manor College offers a **variety of scholarships for students**. These include merit-based scholarships, state grants and partial tuition scholarships.

For more information, call **215-884-2216** or email **admissions@manor.edu**.

YOU BELONG HERE

manor.edu/computerAS

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Curriculum Sequence

YEAR 1

SEMESTER 1

Conceptualization and Analysis I: (Any RS course that meets requirement)	3 credits
Conceptualization and Analysis II: CS105 Introduction to Computer Fundamentals	3 credits
Effective Communication I: EN101 Fundamentals of Composition I	3 credits
BA101 Introduction to Business	3 credits
Scientific and Quantitative Reasoning I: MH110 College Algebra	3 credits

Total credits: 15 credits

SEMESTER 2

Effective Communication II: EN102 Fundamentals of Composition II	3 credits
Personal, Social, and Ethical Responsibility I: (Any RS course that meets requirement)	3 credits
CS106 Introduction to Computer Technology and Programming Concepts	3 credits
CS181 Operating and Application Systems	3 credits
BA202 Business Communications	3 credits

Total credits: 15 credits

YEAR 2

SEMESTER 3

CS215 Database Management and Design	3 credits
CS218 Computer Networks	3 credits
Scientific and Quantitative Reasoning II: MH203 Statistics I	3 credits
CS205 Management Information Systems	3 credits
Appreciation of Culture and Diversity I: (Any course that meets requirement)	3 credits

Total credits: 15 credits

SEMESTER 4

CS203 Computer Graphics	3 credits
CS217 Web Page Design and Development	3 credits
Appreciation of Culture and Diversity II: (Any course that meets requirement)	3 credits
Any BA/CS Course	3 credits
Any BA/CS Course	3 credits

Total credits: 15 credits

Total Credits: 60 credits