

Associate of Applied Science in Computer Technology

General Education Core Requirements

Course		Credit Hours
COM 115	Fundamentals of Public Speaking	3
ENG 110	Writing I	3
ENG 210	Writing II: Academic Writing or	
ENG 221	Writing II: Writing for the Professions	3
IDS 110	Student Success	1
MTH 103	Intermediate Algebra or higher (excluding MTH 197 and MTH 297)	3
PLS 101	American Democracy and Citizenship	3
FGB 297	International Business or	
IDS 297	Topics in Globalization (capstone course) 2 or 3	3
		18 or 19

Computer Technology Core Requirements

CIS 101	Computers for Learning	3
CIS 121	Intro to Computer Programming	3
CIS 212	Personal Computer Systems in Business	3
CIS 224	Windows Programming with Development Tools	3
CIS 232	Spreadsheets	3
CIS 242	Database Management	3
CIS 251	Application Development I	3
CIS 252	Network & Operating System Essentials	3
CIS 260	Programming for the Internet	3
CIS 261	Application Development II	3
CIS 262	Network Clients and Servers	3
		33

Electives

Any combination of the following courses:	12
Any Math course higher than MTH 103	
CGP: 150, 160, 170, 180, 197, 250, 255, 260, 265	
CIS 197, CIS 299	
Any EPR course	

Total Hours Required 63 or 64

Students should confirm the transferability of individual courses to other institutions prior to enrollment.

Based on 2009-10 Catalog

What type of work would I do if I studied Computer Technology?

Students completing the AAS in Computer Technology will be able to write complex computer programs, act as database administrators, perform network administration or perform computer applications and systems support in business or industry.

What type of degree will I earn at Missouri State University-West Plains?

Students enrolled in the AAS in Computer Technology program will be required to take 18-19 hours of general education courses, such as English, public speaking, algebra and American government as well as 33 hours of computer courses. These computer courses include the C# programming language, network and operating systems, and computer applications such as Microsoft Excel® and Access®. The remaining 12 credit hours can be selected by the student as elective courses, with approval of the computer technology department. Students completing this degree will become proficient in the advanced aspects of a wide range of software applications which are commonly used in business and industry, will be able to write computer programs, will be able to act as database administrators, and will be able to perform network administration and perform computer systems support in business or industry.

Why should I major in Computer Technology?

According to the U.S. Department of Labor's Bureau of Labor Statistics, the number of technical positions is expected to grow nationwide early this century. The Missouri Department of Labor and Industrial Relations projects drastic increases in the job market statewide for computer engineers, database administrators, and computer support specialists. Also, many of these computer-related positions have pay scales that are well above average.

What salary can I expect to earn with a Computer Technology degree?

Earnings for these positions vary based on geographic location, education and work experience. In Missouri, the average annual salary for a computer support specialists in May 2007 was \$41,620; the average annual salary for database administrators was \$57,280; and the average annual salary for computer programmers was \$65,280. In the south-central region, the average annual salary for computer support specialists was \$29,774, and the average annual salary for database administrators was \$33,858. Statistics for computer programmers in south-central Missouri were not available. (May 2007 data, Missouri Economic Research and Information Center Web site)

For More Information

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