



Get started on an
in-demand career.

NETWORKING AND INFORMATION SYSTEMS SUPPORT

Associate of Applied Business

The Associate of Applied Business in Networking and Information Systems Support provides a combination of career and continuing education options. This degree provides preparation for industry certificates for quick entry into the field of computer networking. Some of the industry certificates addressed by this program are the CompTIA A+, CompTIA Net+, and Microsoft's MCSA.

This program is offered in the Electrical Engineering and Computer Technologies department located in the School of Science, Technology, Engineering, and Mathematics.

JOB OPPORTUNITIES FOR GRADUATES

Network or computer support specialists offer help and advice to individuals and organizations using computer equipment and or computer software.

Computer support specialists work in many different industries, including information technology, telecommunications, healthcare, finance, and education. Most specialists work full time but are not typically 9 to 5 employees this is because computer support is so vital to certain industries such as healthcare, education, finance, and telecommunication.

Computer user support specialists offer assistance to non-IT users with computer issues. Computer network support specialists assist IT employees within their organization. Help desk technicians frequently work for outside service firms by contract and provide assistance to a wide range of industries.

Career pathways include: Computer Administration Support, Computer Support Specialist, Computer Consultant, Help Desk Support, Help Desk Administration, Computer Network Support Specialist and more.

SALARY

The job market for computer support specialists is showing a 17% increase from 2012-2022. The median annual wage in 2012 for a computer user support specialist was \$46,420 and for a network support specialist the median annual wage was \$59,090 (www.bls.gov).

ACCREDITATION

Accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

LOCATION

Findlay-area Campus
Toledo-area Campus
Toledo Hybrid



For more information, visit www.owens.edu or call:

Office of Admissions

Toledo-area Campus - (567) 661-7777
Findlay-area Campus - (567) 429-3509

School of Science, Technology, Engineering and Mathematics

(567) 661-7457



OWENS
COMMUNITY COLLEGE

Program Curriculum

NETWORKING AND INFORMATION SYSTEMS SUPPORT

Associate of Applied Business

REQUIRED COURSES

*The Age of Coursework for IST 133, IST 134, IST 175, IST 205, IST 240, IST 242 and IST 243 is 5 years - chair approval required for courses beyond that. Please refer to College Policy, Chapter 2 - Academic, 3358:11-2-22 Age of Coursework Policy.

1ST SEMESTER

BUS 102	College & Career Professional	Credits: 3(Lec: 3)
ENG 111	Composition I*	Credits: 3(Lec: 3)
IST 131	Computer Concepts and Apps	Credits: 3(Lec: 3)
IST 133	Troubleshooting Apps & Hardware	Credits: 3(Lec: 3)
MTH 170	College Algebra*	Credits: 4(Lec: 4)
or		
MTH 122	Math for Computing	Credits: 4(Lec: 4)

2ND SEMESTER

IST 112	Intro to Computer Programming	Credits: 3(Lec: 3)
IST 134	Operating Systems	Credits: 3(Lec: 3)
PSY 111	Indust/Organization Psych	Credits: 3(Lec: 3)
ENG 112	Composition II*	Credits: 3(Lec: 3)
or		
BIO 203	Introduction to Ecology	Credits: 3(Lec: 3)
or		
PHL 101	Intro to Philosophy*	Credits: 3(Lec: 3)
or		
ENT 111	Entrepreneurial Marketing	Credits: 3(Lec: 3)
or		
SOC 201	Social Problems*	Credits: 3(Lec: 3)
IST 144	Intro Database Design & SQL	Credits: 3(Lec: 3)
IST 175	Networking Technologies	Credits: 3(Lec: 3)

3RD SEMESTER

IST 205	Advanced Networking Technology	Credits: 3(Lec: 3)
ECO 201	Microeconomics*	Credits: 3(Lec: 3)
or		
ECO 202	Microeconomics*	Credits: 3(Lec: 3)
IST 240	Microsoft Net Admin I	Credits: 3(Lec: 3)
IST 241	Linux Essentials	Credits: 3(Lec: 3)
SPE 101	Public Speaking	Credits: 3(Lec: 3)



4TH SEMESTER

IST 242	Microsoft Net Admin II	Credits: 3(Lec: 3)
IST 243	Microsoft Network Admin III	Credits: 3(Lec: 3)
_____	Arts and Humanities Elective	Credits: 3(Lec: 3)
or		
_____	Diversity Elective	Credits: 3(Lec: 3)
IST 289	Project Management	Credits: 3(Lec: 3)
or		
IST 293	Info Systems Coop Wk Exp	Credits: 2 or 3 (Lec: 1 Other: 10 to 20)
IST 282	Security for Business	Credits: 3(Lec: 3)

*Ohio Transfer Module Course

More information about the Ohio Transfer Module Course can be found at www.ohiohighered.org/transfer/transfermodule

OTHER INFORMATION

During the first year of the program, students take the following required courses:

- IST133 and IST134, Computer Apps & H'ware and Operating Systems respectively. Once these courses are completed the student is eligible to take the CompTIA A+ certificate exam. The next required course during the first year of the program is IST175, Networking Technologies. Upon completion of IST175 the student is eligible to take the CompTIA Network+ certificate exam.

During the second year of the program, students take the following required courses:

- IST241 - Linux, which upon completion, makes the student eligible for the CompTIA Linux+ exam. Completion of IST282 prepares students for the CompTIA Security+ exam. Finally, completion of IST240 (Microsoft Net Admin I), IST242 (Microsoft Net Admin II), and IST243 (Microsoft Net Admin III) prepares the student to test for the MCSA (Microsoft Certified Solutions Associate) Server 2012 certificate.

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