

Information Technologies

Associate in Applied Science (74 credit hours)

Virtually every industry today depends on computers. Consequently, few other vocational pursuits empower individuals to have such varied careers, and to work in such a wide array of industries and environments. According to the most recent edition of the Occupational Outlook Handbook, over the next ten years information technologies-related occupations are expected to grow faster than any other professions.

Considering that occupations generally requiring associate's degrees are expected to grow faster than all other jobs requiring other degrees or training during the same period, it is evident that the OSU-Okmulgee Information Technologies Program is the right place to be.

The Information Technologies program works closely with industry partners to incorporate the latest business practices, emerging technologies and professional certifications into authentic learning environments. The Associate in Applied Science degree in Information Technologies is designed for individuals who want to take advantage of the program's unique, hands-on, project-based and customer-focused approach to preparing individuals for exciting and successful careers, and fall into one or more of the following categories:

- Wish to launch a career in IT as soon as possible.
- Intend to pursue the Bachelor of Technology in Information Assurance and Forensics at OSU-Okmulgee.
- Want to build on considerable work experience and complete a degree to further career.
- Complete one or more professional industry certifications.

OSU-Okmulgee's information assurance and forensics curriculum has been certified by the National Security Agency's Committee on National Security Systems (CNSS). Students satisfactorily completing the appropriate security coursework will automatically receive the corresponding CNSS certification(s).

For the latest program information, please contact the Information Technologies office at 918.293.5440 or infotech@okstate.edu.

DEPARTMENTAL REQUIREMENTS: 43 CREDIT HOURS

INFORMATION TECHNOLOGIES (19 CREDIT HOURS)

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|-----|------|--|
| ITD | 1213 | Hardware Systems Support |
| ITD | 1223 | Network Systems |
| ITD | 1243 | Principles of Information Security |
| ITD | 1333 | Object-Oriented Programming using Java |
| ITD | 1353 | Web Programming & Development |
| ITD | 2201 | Employment Orientation |
| ITD | 2223 | Operating Systems |

APPROVED ELECTIVES (6 CREDIT HOURS)

CONCENTRATION COURSEWORK: 18 CREDIT HOURS

NETWORK SYSTEMS

Prepares individuals for careers in network systems analysis, planning and implementation. Students will gain the skills necessary to design, install, maintain and manage client/server network systems. Topics include: TCP/IP, UNIX, Windows 2003, the OSI model, X Window, Active Directory, data communication principles, security, network topologies, network operations and wireless. Positions include: Network Architect, Data Communications Analyst, Network Administrator, Network Technician, Network Operations Analyst.

WEB DEVELOPMENT/E-COMMERCE

Prepares individuals for careers with organizations involved in Internet business in the areas of designing, building and maintaining websites to providing front-end customer support. Topics include: e-business strategies, Internet security and current legal issues, JavaScript, VBScript, HTML, DHTML, XHTML, XML, ActiveX, CGI scripting, ASP, PHP, SQL, cookies, object-oriented web development tools, and database-driven websites. Positions include: Webmaster, Web Programmer/Analyst, Inter/Intranet Developer, Web Administrator, Web Designer.

APPLICATION/SOFTWARE DEVELOPMENT

Prepares individuals to design, develop, test, document, implement and maintain computer and database applications and software. Topics include: C++, Java, Java 2 Micro Edition (J2ME), Visual Basic, JavaScript, SQL, Oracle, data modeling and normalization, systems analysis and design, and client-server application development. Positions include: Product Manager, Programmer/Analyst, Product Support, Applications Developer, Software Tester, Systems Analyst, Database Analyst.

TELECOMMUNICATIONS

Prepares individuals to design, implement and manage telecommunications systems, services and technologies. Topics include: voice and data communications principles, security, wireless and media systems, satellite communications, optical networking, ATM, frame relay, ISDN, voiceover IP, PBX, LAN services and virtual private networks. Positions include: Telecommunications Systems Administrator, Telecommunications Installation Specialist, Wide Area Network Technician, Telecommunications Analyst, Telecommunications Support Technician.

INFORMATION SECURITY

Prepares individuals to assess computer and network security weaknesses, implement appropriate measures for those vulnerabilities, and investigate cyber criminal activities. Topics include: network intrusion detection systems, network programming, biometrics, viruses, security vulnerabilities, HIPAA, digital certificates and keys, forensics, social engineering, wireless encryption, cryptography and firewalls. Positions include: Systems Assurance Auditor, Information Security Officer, IT Security Analyst, Network Security Architect, Computer Forensics Analyst.

GENERAL EDUCATION REQUIREMENTS: 30 CREDIT HOURS

ENGLISH (6 CREDIT HOURS)

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| ENGL | 1113 | Freshman Composition I |
| ENGL | 1213 | Freshman Composition II |

HISTORY (3 CREDIT HOURS)

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| HIST | 1483 | U.S. History to 1865 |
| HIST | 1493 | U.S. History since 1865 |

GENERAL BUSINESS (3 CREDIT HOURS)

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|------|------|--------------------------------------|
| BADM | 1113 | Introduction to Business |
| MGMT | 2243 | Small Business Management |
| MGMT | 2913 | Leadership & Organizational Behavior |

MATHEMATICS (3 CREDIT HOURS)

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|------|------|-----------------|
| MATH | 1513 | College Algebra |
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PHILOSOPHY (6 CREDIT HOURS)

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| PHIL | 1213 | Ethics |
| PHIL | 1313 | Introduction to Logic |

POLITICAL SCIENCE (3 CREDIT HOURS)

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|------|------|-----------------|
| POLS | 1113 | U.S. Government |
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SPEECH (3 CREDIT HOURS)

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|------|------|---------------------------|
| SPCH | 1113 | Introduction to Speech |
| SPCH | 2313 | Small Group Communication |

GENERAL EDUCATION ELECTIVE (3 CREDIT HOURS)

INTERDEPARTMENTAL REQUIREMENTS: 1 CREDIT HOUR

GENERAL TECHNOLOGIES (1 CREDIT HOUR)

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|------|------|---------------------|
| GTGE | 1111 | College Cornerstone |
|------|------|---------------------|



1.800.722.4471
www.osu-okmulgee.edu

ADMISSIONS

OSU-Okmulgee is a public, state supported technical college granting the Associate in Applied Science degree, the Associate in Science degree, and the Bachelor of Technology degree. Admissions standards are those set by the Oklahoma State Regents for Higher Education. OSU-Okmulgee is an open-door institution. The five steps for gaining admission are outlined below.

1. APPLICATION

Complete both sides of the Admission Application and return it to the Admissions Office.

2. TRANSCRIPT

Submit an official 8-semester High School transcript, GED certificate and/or official transcripts from all colleges attended.

3. ACT

Submit ACT scores. There is no minimum score required for admission. These scores are used for placement and scholarships. You can take the ACT test on one of the National ACT testing dates or take the residual test at OSU-Okmulgee.

4. COMPASS

This is a 1 to 1 1/2 hour self-paced computerized assessment of your reading, math and English skills. The Compass Assessment can be taken on-campus weekdays between 7:30 a.m. and 2:30 p.m. Off-campus testing may be arranged by contacting the Assessment Center.

5. REGISTRATION

After the Admissions process is completed, your academic department will assist you with enrollment.

STUDENT FINANCIAL SERVICES

SCHOLARSHIPS

OSU-Okmulgee offers academic competitive scholarships. A separate Scholarship Application form is required. Deadline for submission is March 1st each year.

Student Loans

A loan application must be completed in Student Financial Services. Federal Loans: Federal Perkins Loan, Subsidized Stafford Loan, Unsubsidized Stafford Loan, Parent Loan for Undergraduate Students.

Follow these steps when applying for financial aid:

1. Complete the Free Application for Federal Student Aid. The FAFSA can be obtained in all high school guidance counselor offices or by contacting OSU-Okmulgee Student Financial Services. You will need income tax documents in order to fill out your FAFSA. OSU-Okmulgee's Title IV School Code is 003172.

2. Submit your completed FAFSA for Processing. Option 1: Mail your FAFSA directly to the Federal Student Aid Processing Center in the envelope provided with the FAFSA. OR Option 2: Have your FAFSA filed electronically. There is no charge for electronic filing. <http://www.fafsa.ed.gov/>

3. Wait for a response. OSU-Okmulgee Student Financial Services will be in touch with you by mail as soon as we receive your financial aid application results.

4. Award notification. Student Financial Services will send you an Award Notification Letter listing the types and amounts of financial assistance you can expect to receive.

**TO SCHEDULE A CAMPUS TOUR,
CONTACT PROSPECTIVE STUDENT SERVICES
918.293.4680 OR 1.800.722.4471**

IMPORTANT PHONE NUMBERS

OSU-Okmulgee 918.293.4678
Prospective Student Services 293.4680
Assessment Center 293.5248

Student Financial Services 293.4684
Residential Life 293.4928
Registrar 293.4682

HOUSING AND MEALS

All students who live on campus, with the exception of those who live in apartments, are required to select one board plan with their room plan. A \$150.00 deposit is required to reserve a room.

FULL SEMESTER

| Housing Plans | Per Sem |
|-------------------|-----------|
| 2 bdrm/nonsuite | \$1500.00 |
| 2 bdrm suite | \$1615.00 |
| 4 bdrm/2 BA suite | \$1730.00 |
| Hannigan/England | \$1500.00 |

INTERN (8 WEEKS)

| Housing Plans | Per Sem |
|-------------------|-----------|
| 2 bdrm/nonsuite | \$900.00 |
| 2 bdrm suite | \$970.00 |
| 4 bdrm/2 BA suite | \$1040.00 |
| Hannigan/England | \$900.00 |

University Apartments

Family Housing

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|------------------|-----------|
| 2 bdrm/1 BA | \$2215.00 |
| Non Traditional* | |
| 2 bdrm/1 BA | \$1845.00 |

University Apartments

Family Housing

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|------------------|-----------|
| 2 bdrm/1 BA | \$1330.00 |
| Non Traditional* | |
| 2 bdrm/1 BA | \$1105.00 |

Meal Plans:

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|-------------------|----------|
| 20 Meal Plan | \$925.00 |
| 15 Meal Plan | \$865.00 |
| 10 Meal Plan | \$728.00 |
| Declining Balance | \$500.00 |

Meal Plans:

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|-------------------|----------|
| 20 Meal Plan | \$555.00 |
| 15 Meal Plan | \$518.00 |
| 10 Meal Plan | \$437.00 |
| Declining Balance | \$300.00 |

*Requires approval of Director of Residential Life

TUITION AND FEES

The required fees and nonresident tuition for Oklahoma State University-Okmulgee are established by the Oklahoma State Regents for Higher Education. Fees do not include the costs of individual textbooks, tool kits, uniforms, or other materials which vary according to the student's program of study. Students who enroll in programs of study that require individual tool kits, uniforms or other materials will obtain these items as specified by the department. In most cases these items can be purchased through the institution. The costs will vary from program to program and are subject to change without notice. Incidental and personal expenses for items such as clothing and entertainment will vary with the individual student.

Oklahoma Resident

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| TOTAL PER SEMESTER CREDIT HOUR | \$109.50 |
| IT, ETD, NURS, CUA, WMT, CET Courses Per Credit Hr | \$117.00 |

Nonresident

| | |
|--|----------|
| TOTAL PER SEMESTER CREDIT HOUR | \$254.50 |
| IT, ETD, NURS, CUA, WMT, CET Courses Per Credit Hr | \$262.00 |

* Additional Fees (Per Credit Hour)

| | |
|-----------------------------------|----------|
| Remedial Supplementary Fee | \$ 18.50 |
| Advanced Standing Examination Fee | \$ 5.00 |
| Late Enrollment Fee | \$ 10.00 |
| Application Fee (one time) | \$ 15.00 |
| Off-Campus Electronic Media Fee | \$ 25.00 |

- Additional lab fees may apply to specific programs.
- All charges are due by the first day of class each semester. A late payment penalty of 1% per month will be assessed on delinquent accounts.

All costs are subject to change without notice and will be confirmed upon request.

*(Non-resident fee waivers available to those who qualify.)

Toll Free 800.722.4471
TDD/TTY (Hearing Impaired) 293.4636