

# Information Technologies

## Associate in Science (63 credit hours)

Well-trained individuals with high-level IT skills will always be in demand, especially as computers and the Internet play increasingly important roles in contemporary society. In fact, considerable expertise in and experience with information technologies are becoming indispensable to most professionals.

The Associate in Science in Information Technologies degree is designed primarily for individuals who want to take advantage of the program's unique, hands-on approach to computer education, and fall into one or more of the following categories.

- Intend to pursue a bachelor's degree at OSU-Okmulgee or another college or university.
- Want to build on considerable work experience and complete a degree to further career.
- Wish to pursue an IT degree but remain undecided about an area of concentration.
- 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).

As with any Associate in Science degree, students are encouraged to check the specific requirements of the college or university to which they plan to transfer.

**For the latest program information, please contact the Information Technologies office at 918.293.5440 or [infotech@okstate.edu](mailto:infotech@okstate.edu).**

## DEPARTMENTAL REQUIREMENTS: 24 CREDIT HOURS

INFORMATION TECHNOLOGIES (18 CREDIT HOURS)

- 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 and Development
- ITD 2223 Operating Systems

ELECTIVE COURSEWORK:  
6 CREDIT HOURS

### 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.

### WEB DEVELOPMENT/E COMMERCE

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.

### APPLICATION/SOFTWARE DEVELOPMENT

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.

### TELECOMMUNICATIONS

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.

### INFORMATION SECURITY

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.

## GENERAL EDUCATION REQUIREMENTS: 38 CREDIT HOURS

ENGLISH (6 CREDIT HOURS)

- ENGL 1113 Freshman Composition I
- ENGL 1213 Freshman Composition II

GENERAL BUSINESS (3 CREDIT HOURS)

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

HISTORY (3 CREDIT HOURS)

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

MATHEMATICS (3 CREDIT HOURS)

- MATH 1513 College Algebra

PHILOSOPHY (6 CREDIT HOURS)

- PHIL 1213 Ethics
- PHIL 1313 Introduction to Logic

POLITICAL SCIENCE (3 CREDIT HOURS)

- POLS 1113 U.S. Government

SCIENCE (8 CREDIT HOURS)

(one course must be a lab science course)

SPEECH (3 CREDIT HOURS)

- SPCH 1113 Introduction to Speech
- SPCH 2313 Small Group Communications

GENERAL EDUCATION ELECTIVE (3 CREDIT HOURS)

## INTERDEPARTMENTAL REQUIREMENTS: 1 CREDIT HOUR

GENERAL TECHNOLOGIES (1 CREDIT HOUR)

- GTGE 1111 College Cornerstone



## 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

Toll Free . . . . . 800.722.4471  
TDD/TTY (Hearing Impaired) . . . . . 293.4636

## 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

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

### University Apartments

#### Family Housing

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

### Meal Plans:

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

### Meal Plans:

|                   |          |
|-------------------|----------|
| 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

|  |          |
|--|----------|
| 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.)