

## Cyber Security/Forensics

### Description

Given the global nature of the Internet and the fundamental need to protect the integrity of information on networks, the Cyber Security/Forensics program is among the highest in demand, as are its graduates. Students will explore security issues from the standpoint of measures used to detect and distract those who attempt to access private information. They will also be introduced to the structure of networks and the Internet; how they are configured, installed, and maintained. Students will be able to troubleshoot problems and have the skills to diagnose and resolve them. This program is part of a statewide CareerTech consortium modeled after the University of Tulsa's Center for Information Security, a National Security Agency Center of Excellence. They are designed to prepare individuals to secure computer infrastructures and perform digital forensics. These students can obtain industry and government credentials while gaining practical hands-on experience. Graduates of the program will be prepared for an attractive position in industry, may take other related courses at Tulsa Tech, or opt to pursue a college degree.

- Learn current, potential threats and counter-measures used to secure networks & Internet environments
- Be a part of the statewide training consortium of Cyber & Internet security detectives
- Work closely with industry professionals to secure networks & the Internet
- Learn techniques & methods for the collection & analysis of digital evidence
- Investigate inappropriate civil & criminal cyber activity
- Learn to protect financial transactions over the Internet

### College Credit

College credit may be available through TCC, RSU, or OSU-Institute of Technology. For more details call the college relations office at 918-828-5205. All college credit is awarded by the college/university.

### Credential/Industry Certifications

CNSS Federal Training Level Certifications: 4011, 4012, 4013, 4014

### Career Majors/Courses

#### Cyber Security Forensics Specialist

##### Courses

Fundamentals of Technology  
Principles of Information Assurance (w/lab)  
Network Security (w/lab)  
Regulatory Compliance and Auditing (w/lab)  
Enterprise Security Management (w/lab)  
Secure Electronic Commerce (w/lab)  
(Digital) Cyber Forensics (w/lab)  
Cyber Security Capstone

### Employment Opportunities

Tulsa Tech's Career Placement Services team builds partnerships with Tulsa area businesses & industry to create opportunities for work-based experiences and job placement. Job search assistance is provided before and after graduation. Services include with employment information, resume building, refining interview skills and life-time access to the Tulsa Tech Job Connect database. Call Career Placement Services at 918-828-5270 or visit [www.tulsatech.edu/jobconnect](http://www.tulsatech.edu/jobconnect) / email [jobconnect@tulsatech.edu](mailto:jobconnect@tulsatech.edu).

2010-2011 year completion & placement data per Oklahoma Department of Career and Technical Education guidelines:

- Total Enrolled: 53
- Completion: 25%
- Completed on-time: 100%
- Job Placement: 83%
- Returning Students to 2nd Year: 25%
- OPE ID: 005311 / CIP: 11.1003

### Application Process

Apply ON-LINE at [www.tulsatech.edu/apply](http://www.tulsatech.edu/apply). Applications can also be obtained in the counseling offices on any of the campuses; at the Career Services Center located on the Memorial Complex; or by calling 918-828-5200.

### Campus Location

#### Riverside Campus

801 East 91st Street  
Tulsa, OK 74132-4008  
(918) 828-4000  
FAX (918) 828-4009

### Area Salary

For information concerning working conditions, physical requirements, employment and job outlook please refer to the Occupational Outlook Handbook (OOH), 2010-11 Edition at <http://www.bls.gov/oco/>.

Salary information can be found at The Occupational Information Network (O\*NET) Resource Center at <http://www.onetonline.org/>. O\*NET-SOC Code: 15-1122.00

### Who Can Attend?

High school students / Adults

### Tuition/Fees/Books

- Tuition: \$1,530\*
- Lab & Required Fees: \$137.50\*
- Additional Required Costs: \$295\*\*
- Optional Fees: \$257

\*High school students living in the Tulsa Tech school district are not charged tuition, fees & books.

\*\*Additional required costs: books, equipment, tools, uniforms & supplies.

### Scheduling Information

#### H.S. / 2 school years:

August - May

#### H.S. sessions:

7:45 - 10:45 A.M. / 11:50 - 2:50 P.M.

#### Adults / 21 months Adult sessions:

7:45 - 10:45 A.M. / 11:50 - 2:50 P.M.

Check with Admissions Office at 918-828-5260 for start dates.

### Financial Aid

Financial assistance is available through several options at Tulsa Tech. For the most up-to-date information, call 918-828-5280 or visit [www.tulsatech.edu](http://www.tulsatech.edu). Some career majors are eligible for federal financial aid. To apply, go to: [www.fafsa.ed.gov](http://www.fafsa.ed.gov).