



20000 68th Ave W
Lynnwood, WA 98036-5999
www.edcc.edu

Computer Information Systems Digital Forensics Certificate Program Requirements 2011-2012

Student Name _____
Student ID _____

Program Description

This hands-on program was designed by a group of experts representing both the private and public sectors, with a combined total of 40 years digital forensics and information security experience. It is truly a one-of-a-kind program that trains students to work in an emerging discipline that focuses on the acquisition, recovery, documentation, and analysis of information contained within and created with computing devices.

The program is designed for information technology professionals who need to acquire the skills necessary to properly perform forensic analysis of computing devices and systems. Students will learn a complete methodology for processing digital forensics cases from start to finish – not just how to be a user of automated software packages.

Topics: Procedures and methodologies used for digital forensics, structure and layout of NTFS, the Windows Registry, INFO2 files, electronic surveillance, intrusion detection, cryptography, and developing a testing and verification methodology. Related legal topics include properly acquiring and collecting evidence for use in criminal, civil, and administrative proceedings, rules of evidence, providing expert testimony, and legislation and laws affecting privacy and information technology .

Upon completion of this certificate program, students may be qualified for jobs as Computer Forensic Examiners. Students who are already working in an information technology or information security related capacity will find their skill sets greatly enhanced. In addition, students will be afforded the opportunity to sit for the CyberSecurity Forensics Analyst (CSFA) Certification exam, which is good for a one-year experience waiver towards the Certified Information Systems Security Professional (CISSP) exam.

Degree Outcomes

Outcomes for Edmonds Community College degrees and certificates can be found in the online college catalog at the bottom of each degree or certificate. To find specific outcomes, click on the degree or certificate from the program list in the online catalog at <http://catalog.edcc.edu>.

Common Course Numbering Changes Please refer to www.edcc.edu/ccn for more information.

Entry Requirements

This certificate begins at an advanced level and is designed for students already working in an information technology capacity. Students **MUST** see a CIS faculty adviser for proper placement into this program. It is recommended that program candidates have a minimum of the A+ and Network+ or CCNA certifications or equivalent experience and training before enrolling.

Credit/Grade Requirements

This certificate is awarded upon a student's completion of a minimum of **25 credits of Program Requirements** as outlined. A minimum of 30 credits or one-third of the required credits, whichever is less, must be earned at Edmonds Community College. Students are required to maintain a minimum cumulative grade point average of 2.0 in all college-level courses as well as a minimum grade point average of 2.8 within the program requirements.

Students planning to continue on to other certificates and/or a two-year ATA degree in CIS should plan ahead *while* working toward their CIS certificate. For a smooth transition from certificate to degree, students should see a CIS adviser at their earliest opportunity.

Students Are Advised To

- Plan their schedule several quarters in advance in order to accommodate courses that are offered only once or twice a year
- Review the college catalog for required course prerequisites and include these in schedule planning
- Check plans with the appropriate faculty adviser

Graduation Application A completed Graduation Application form must be submitted to Enrollment Services by the 10th day of the quarter in which the student expects to graduate. Forms are available at Enrollment Services located in Lynnwood Hall, or online at www.edcc.edu/credentials/

More information about the CIS program is available on-line at <http://cis.edcc.edu> or call 425-640-1902.

Adviser The adviser for this certificate is Steve Hailey shailey@edcc.edu 425-640-1377

College Resources

CIS Department	http://cis.edcc.edu
CIS Info Sec	http://infosec.edcc.edu
Home Page	http://www.edcc.edu
How to enroll	http://getstarted.edcc.edu
Bookstore	http://bookstore.edcc.edu
Advising Appointments	425-640-1458

Program Requirements (25 credits)

Course			Cr	Trans	Grade
CIS	201	Digital Forensics and the Law	5	_____	_____
CIS	272	Digital Forensics I	5	_____	_____
CIS	273	Digital Forensics II	5	_____	_____
CIS	293	Digital Forensics III	5	_____	_____
CIS	294	Advanced Data Recovery	5	_____	_____

Adviser's Signature

Date

Dean's Signature

Date