Certificate

Cybersecurity Certificate

UCO Code: 6090

Support Courses...**0-6**
Students pursuing the Cybersecurity certificate are encouraged to complete the following courses in high school.

     Advanced Placement High School Programming Course OR
         CMSC　1513　　Beginning Programming

  MATH　1533　Precaluclus-Algebra OR
     MATH　1513　　College Algebra OR
     Placement Score

Required Courses...**36**
  ^CMSC　1613　Programming in C++
  ^CMSC　1621　Laboratory or Programming in C++
 ^　CMSC　2613　Fundamental Data Structures
 ^　CMSC　2621　Laboratory for Fundamental Data Structures
  ^CMSC　4063　Computer Networks
  ^CMSC　4083　Cybersecurity
  ^CMSC　4153　Operating Systems
  ^CMSC　4163　Secure System Administration and Certification
  ^CMSC　4223　Cyber Infrastructure and Cloud Computing
  ^CMSC　4323　Network Security
  ^CMSC　4333　Incident Analysis and Response I
  ^CMSC　4343　Cyber Operations
  ^CMSC　4401　Ethics in Computing
  ^STAT　2113　Statistical Methods OR
    ^STAT　2103　Introduction to Statistics for Sciences OR
    ^STAT　4113　Mathematical Statistics I

^A grade of 'C' or better must be earned in all required CMSC and STAT courses.

Total hours required **36***
*Total hours required for this certificate may exceed the minimum 36 credit hour requirement and will vary according to course selection. It is recommended students complete high school algrebra II and an Advanced Placement programming course in high school.

Minimum Grade Requirements
Average in all Certificate program college course work 2.00

Funeral Service Certificate

UCO Code: 6121

I. General Courses **27**
  The following courses:
  HLTH　1112　Healthy Life Skills
  ENG　　1113　English Composition
  ENG　　1213　English Composition and Research
  MCOM　1113　Fundamentals of Speech
  BIO　　1114　General Biology **OR**
    BIO　　　1214　General Biology and Lab
  CHEM　1014　Introduction to Chemistry and Lab
  PSY　　1103　General Psychology
  MATH　1453　Applied Algebra OR
    higher level math
*　FNRL　4522　Board Review

II. Basic Sciences **11**
  The following courses:
  BIO　　2314　Introduction to Microbiology and Lab
  FNRL　2214　Intro Human Anatomy and Dissection
  FNRL　3433　Introduction to Pathology

III. Mortuary Arts and Sciences **20**
  The following courses:
  FNRL　3054　Embalming Chemistry
  FNRL　3204　Embalming
  FNRL　3304　Restorative Art
*　FNRL　4118　Practicum in Embalming and Funeral Directing

IV. Mortuary Administration **30**
  The following courses:
  FNRL　1211　Orientation to Funeral Service
  FNRL　2313　Contemporary Funeral Service
  FNRL　2413　Funeral Home Administration
  FNRL　3374　Funeral Home Management I
  FNRL　3383　Funeral Home Statutory Law
  FNRL　3393　Mortuary Jurisprudence
  FNRL　3493　Funeral Service Communication
  FNRL　3513　History of Funeral Directing
  FNRL　4214　Funeral Home Management II
  FNRL　3483　Psychology of Grief

* Must be taken concurrently during a student's final semester.

Total hours required **88**

The above course work meets licensing examination requirements in many states. Students should check with their home state for specific requirements. A minimum grade point average of 2.00 must be earned in all work applicable to the program. A minimum grade of "C" must be earned in all Funeral Service major courses. Students must have completed a minimum of 30 semester hours credit in residence at the University of Central Oklahoma including 15 hours in residence at UCO of the final 30 hours applied toward the certificate program.

National Board Examination scores, graduation rates, and employment rates for this and other ABFSE-accredited programs are available at www.abfse.org. To request a printed copy of this program's scores and rates, go to: UCO Department of Funeral Service, CHS 154, 100 North University Drive, Edmond, OK 73034 or by e-mail at funeralservice@uco.edu, or by telephone, (405) 974-5001.

Certificate

The Department of Funeral Service Bachelor of Science Degree and Certificate of Completion Programs at the University of Central Oklahoma are accredited by the American Board of Funeral Service Education (ABFSE) 992 Mantua Pike, Suite 108, Woodbury Heights, NJ 08097 (816)233-3747 www.abfse.org
Student Learning Outcomes

Upon completion of the accredited Bachelor's Degree and Certificate program, students will be able to:

- Explain the importance of funeral service professionals in developing relationships with the families and communities they serve.
- Identify standards of ethical conduct in funeral service practice.
- Interpret how federal, state, and local laws apply to funeral service in order to ensure compliance.
- Apply principles of public health and safety in the handling and preparation of human remains.
- Demonstrate technical skills in embalming and restorative art that are necessary for the preparation and handling of human remains.
- Demonstrate skills required for conducting arrangement conferences, visitations, services, and ceremonies.
- Describe the requirements and procedures for burial, cremation, and other accepted forms of final disposition of human remains.
- Describe methods to address the grief-related needs of the bereaved.
- Explain management skills associated with operating a funeral establishment.
- Demonstrate verbal and written communication skills and research skills needed for funeral service practice.