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 I
^CMSC 1621   Programming I Laboratory
^CMSC 2613   Programming II
^CMSC 2621   Programming II Laboratory
^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.

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Certificate

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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.