

STATE UNIVERSITY OF NEW YORK
COLLEGE OF TECHNOLOGY
CANTON, NEW YORK



MASTER SYLLABUS

FSAD 321 – Advanced Embalming

CIP Code:

(12.0302) Funeral Direction/Services

Created by: David R. Penepent. PhD

Updated by: October 25, 2023

**School of Science, Health and Criminal Justice
FUNERAL SERVICES ADMINISTRATION
Fall 2024**

A. TITLE: **Advanced Embalming**

B. COURSE NUMBER: FSAD 321

C. CREDIT HOURS: 3

Credit Hours: 3

Lecture Hours 3 per Week

Lab Hours 0 Week

Other per Week

Course Length: 15 Weeks

D. WRITING INTENSIVE COURSE: No

E. GER CATEGORY: None

F. SEMESTER(S) OFFERED: Fall and Spring

G. COURSE DESCRIPTION:

Designed to improve the skills and knowledge base of practicing licensed personnel, this course focuses on the less common techniques applied in unusual situations. Waterless embalming, regional freezing procedures, alternative machinery, and special purpose chemicals will be explored. Unique embalming situations are addressed such as long-term storage, entombment vs burial, decomposed human remains, stillbirths, religious limitations, anatomical embalming, and fragment treatment in anticipation of delayed final disposition. The perfection of techniques of sterile procedure, eye enucleation, terminal disinfection, and personal protection will also be explored.

H. PRE-REQUISITES:

- FSAD 115 Thanatochemistry,
- FSAD 121 Analytical Embalming,
- FSAD 211 Embalming and Aseptic Techniques
- FSAD 129 Clinical Practicum.
- Must possess a Blue Card obtained from the NYS Department of Health, Bureau of Funeral Directing or comply with specific state regulations governing student embalming experience.
- The student must have access to a state registered funeral home that engages in embalmings.

CO-REQUISITES: None

I. STUDENT LEARNING OUTCOMES:

Upon completion of this course, the student will:

Student Learning Outcome [SLO]	Program Student Learning Outcomes [PSLO]	Institutional Student Learning Outcomes [ISLO]
1. Explain and describe a comprehensive understanding regarding embalming standards relating to, autopsy, organ and tissue, and complicated embalmings, using OSHA standards.	2.1.4 Apply principles of public health and safety in the handling and preparation of human remains. 2.1.5 Demonstrate technical skills in embalming and restorative art that are necessary for the preparation and handling of human remains.	5. Industry, Professional, Discipline-Specific Knowledge and Skills
2. Describe various treatments for the preparation of human remains for burial, entombment, cremation, and green cemetery committals.	2.1.7 Describe the requirements and procedures for burial, cremation, and other accepted forms of final disposition of human remains.	5. Industry, Professional, Discipline-Specific Knowledge and Skills

J. APPLIED LEARNING COMPONENT: Yes _____ No X _____

If Yes, select one or more of the following categories:

Classroom/Lab _____

Internship _____

Clinical Practicum _____

Practicum _____

Service Learning _____

Community Service _____

Civic Engagement _____

Creative Works/Senior Project _____

Research _____

Entrepreneurship _____

(program, class, project)

K. TEXTS:

Death Education Assessment Drill Simulator (DEAD), Anubis Publications Inc.

Gee-Mascarello, S. (2022). *Embalming: History, theory, and practice: Sixth edition*. McGraw Hill.

Penepent, D.R. (2023). *A complete guide to the science section of the National Board Exam for funeral services: Revised edition*. Anubis Publication Inc.

L. REFERENCES: None

M. EQUIPMENT: Microsoft Word or comparable software. Internet access is required.

N. GRADING METHOD: A – F

Your final grade will be calculated based on the following grading scheme:

NOTE: ALL FUNERAL SERVICE REQUIRED CORE COURSES A “C” OR HIGHER IS NEEDED TO PASS

From %	To %	Letter grade	
100	92.0	A	
91.9	87.0	B+	
86.9	83.0	B	
82.9	79.0	C+	
78.9	76.0	C	
75.9	69.0	D+	Required to retake the course.
68.9	60.0	D	Required to retake the course.
59.9	0	F	Required to retake the course.

This course can only be retaken once.

O. SUGGESTED MEASUREMENT CRITERIA/METHODS:

Assignment Category	Grade Weight/ Point Distribution
Assignments	25%
Quizzes	45%
Midterm	15%
Final	15%
Total	100%

Once enrolled in the Funeral Services Administration program, students must complete the course of study within six (6) years. FSAD courses that are (6) years or older must be retaken because the American Board of Funeral Service Education revises the course outlines every seven years.

P. DETAILED COURSE OUTLINE:

- I. Chemical components and their purposes
 - A. formaldehyde
 - B. glutaraldehyde
 - C. sequestered molecules
 - D. high performance fluids
 - E. non-oxidizing fluids
 - F. paraformaldehyde
 - G. chemical deodorants
 - H. surface and instrument disinfection solutions

- II. Special body conditions
 - A. therapeutic drug content
 - B. recreational drug (including alcohol) abuse
 - C. jaundice
 - D. septic conditions
 - E. cancer damage
 - F. stains and ecchymoses
 - G. edema
 - H. advanced decomposition
 - I. cachexia
- III. Special preservation requirements
 - A. cadaver embalming by the Cornell formula
 - B. embalming, encasing, and storing amputated fragments for later burial.
 - C. above ground burial problems and remedies
 - D. comparison of performance of proprietary fluids for these purposes
 - E. modern mummification techniques
- IV. Universal and extraordinary precautions
 - A. selecting, fitting, testing, and using positive pressure respirators
 - B. designing garments to optimize protection and comfort
 - C. porosity of various protective garments and equipment
 - D. identification of extreme hazards
 - 1. radioactivity
 - 2. slow viruses
 - 3. chemical hazard scene deaths
 - 4. facultative parasitic pathogens
 - E. special immunizations
- V. Preparation room retrofit or new design
 - A. laminar flow ventilation
 - B. injection machine design and placement
 - C. isolation design
 - D. work-through body enclosures
 - E. lifting and moving by device
 - F. personal terminal disinfection procedures
- VI. Organ donation cases
 - A. Eye enucleation training and restoration
 - B. embalming long bone donors
 - C. embalming skin donors
 - D. embalming viscera donors
- VII. Documentation requirements and procedures
 - A. designing a thorough embalming report in hardcopy
 - B. computerized embalming reports
 - C. requirements of foreign countries for embalming reports
 - D. documentation required for common carrier transportation
 - E. medical record keeping for embalmers --- standard and incident based.
 - F. permission forms -- embalming, cremation, fragment, release of information

Q. LABORATORY OUTLINE: None