

Cape Cod Community College

Departmental Syllabus

Prepared by the Department of Funeral Service

Date of Departmental Approval: June 11, 2018

Date approved by Curriculum and Programs: June 19, 2018

Effective: Fall 2018

1. **Course Number:** FSR131
Course Title: Embalming I
2. **Description:** This course introduces the history and scientific principles involved in the proper care of a dead human body and embalming procedures. Standard precautions to prevent exposure to biohazardous and chemical substances, public health standards, and provide the foundation of embalming practice. Students study standard operating procedures for instrumentation and equipment, case analysis, embalming site selection, [Chemical] Safety Data Sheet (SDS) maintenance and Occupational Safety and Health Administration (OSHA) regulations and implications for practitioner safety.
3. **Student Learning Outcomes** (instructional objectives, intellectual skills):
Upon successful completion of this course, students are able to do the following:
 - Describe the legal, physical, and psychological issues involved in handling and treatment of the dead human body
 - Explain the process by which a dead human body is chemically treated to temporarily inhibit/retard organic decomposition
 - Identify and describe the specific instruments, embalming equipment, embalming chemicals used in the embalming process.
 - Apply OSHA regulations and standards to the practice of embalming.
 - Apply knowledge of OSHA regulations and standards to the use of Safety Data Sheets in embalming practice
4. **Credit(s):** 3 credits
5. **Satisfies General Education Requirement:** No
6. **Prerequisite(s):** BIO105 (Survey of Anatomy & Physiology)
Co-requisite FSR105 (Embalming Chemistry) and FSR133 (Embalming Clinical)
7. **Semester(s) Offered:** Fall
8. **Suggested General Guidelines for Evaluation:** Quizzes, examinations, embalming solution tracing problems
9. **General Topical Outline** (Optional):
 - Embalming Documentation
 - Social, Psychological, Ethical, and Regulatory Considerations of Embalming
 - Fundamentals of Embalming
 - Person, Public Health, and Regulatory Considerations of Embalming
 - Technical Orientation to Embalming Practice
 - Death of the Human Body including Agonal and Pre-Embalming Changes
 - Embalming Chemicals
 - Techniques for Using Embalming Chemicals
 - Anatomical Considerations in the Embalming Process
 - Blood Vessel and Site Selection and the Embalming Process
 - Analysis of the Embalming Process
 - Preparation of the Body Prior to Arterial Injection
 - Embalming Injection and Drainage Techniques