



COURSE OUTLINE

FUN 249
Course Number

Principles of Embalming II

Course Title

2
Credits

2/0
Hours: lecture/laboratory/other (specify)

Catalog description:

A continuation of Principles of Embalming I. Consideration is given to: cavity treatment, types of embalming chemicals and their uses, common causes of embalming failure, discolorations, vascular difficulties, decomposition, dehydration, edema, and other specific embalming complications and difficulties.

Prerequisites: Students must be enrolled in the Funeral Service Education Curriculum and have successfully completed FUN 247.

Corequisites: FUN 295 or 251

Required texts/other materials:

Text:	Title:	<u>Embalming: History, Theory & Practice</u>
	Author:	Robert G. Mayer
	Publisher:	Appleton & Large
	Edition:	Fourth

Last revised: January 2009

Course coordinator: Robert C. Smith, III; 609-570- 3472; smithr@mccc.edu

Information resources:

MCCC library website for database of holdings:

http://www.mccc.edu/student_library.shtml

There are numerous MCCC library holdings for Funeral Service.

The call designations are:

RA622 Funeral Service science and practice

HD9999 Funeral Service business and profession

GT3202 Funeral customs, sociology, and history

Other learning resources:

Director of Funeral Service has copies of Funeral Service magazines and articles for student use in his office collection.

Course goals:

The goals of this course are: to provide the funeral service student with necessary principles and theories to be successful as a funeral director and to prepare the student for the National Board examination.

Students should be able to:

- Describe and explain the function, purpose and use of embalming fluids and products,
- Identify principle components of embalming products,
- Describe the methods and techniques for cavity treatment,
- Explain approaches for dealing with specific embalming problems and difficulties,
- Identify common causes of embalming failure and how to avoid them.

Units of study in detail

Week #1-2 - Cavity Treatment

Preparation:

1. Read Chapter 14.
2. Study terms and concepts on page 273.
3. Attend lectures and participate in class discussions.
4. Quiz

Objectives:

Having completed the assigned readings and exercises, attended the lectures, and participated in class discussions, the student will be able to:

1. Define cavity treatment and explain its purpose.
2. Explain the two theories regarding the proper time for application.
3. Identify the nine abdominal regions and their general contents.
4. Identify the major trocar guides.
5. Explain the equipment used for aspiration and injection of the cavities.
6. Describe the treatment of cavities, the organs and areas treated, and the materials sought.

Weeks #3-4 - Types of Embalming Chemicals Concentration of Embalming Solutions

Preparation:

1. Read Chapters 6 and 7.
2. Understand key terms on page 119.
3. Study terms and questions on page 141.
4. Attend lectures and participate in class discussions.
5. QUIZ

Objectives:

Having completed the assigned readings and exercises, attended the lectures, and participated in class discussions, the student will be able to:

1. Discuss and explain the function, purpose and dilutions of arterial and cavity embalming fluids.
2. List the main components or ingredients in each including preservatives, germicides, modifying agents, buffers, humectants, anticoagulants, vehicles, surfactants, dyes, and deodorants.
3. Identify the main effects of both arterial and cavity fluids on tissues and tissue fluids.
4. Solve specific arterial fluid index problems.

5. Discuss and explain the function and purpose of supplemental fluids and accessory chemicals.
6. List the main components or ingredients in: pre-injection, co-injection, humectant, jaundice, and high index fluids; also in hardening compounds, mold preventive powder, preservative powder, sealing compounds and pack applications.
7. Identify the main effects of both supplemental fluids and accessory chemicals on tissues and tissue fluids.

Week #5 - Purge
Test Mid-Term

Preparation:

1. Read Chapters 15, 24 and 433-434.
2. Study terms and concepts on page 290.
3. Attend lectures and participate in class discussions.
4. TEST 1.

Objectives:

Having completed the assigned readings and exercises, attended the lectures, and participated in class discussions, the student will be able to:

1. Identify and discuss skin lesions and non-pathological conditions related to discolorations.
2. Define and explain purge: its causes, types, characteristics, and treatment.

Week #6 - Preparation of body after arterial injection
Discolorations

Preparation:

1. Read Chapter 20 and 21
2. Study terms and concepts on page 378 and 433-434.
3. Attend lecture and participate in class discussions.

Objectives:

Having completed the assigned readings and exercises, attended the lectures, and participated in class discussions, the student will be able to:

1. Explain supplement-embalming treatment.
2. Describe the basic sutures used in embalming
3. Define and classify discolorations according to occurrence and cause.
4. Explain the general and special treatments necessary to alleviate and conceal different discolorations.

Week #7 - Cancer
Jaundice
Vascular Difficulties

Preparation:

1. Read Chapter 22 & pages 363-365, 367,134, and 412.
2. Attend lectures and participate in class discussions.
3. Study terms and concepts on page 407.
4. Attend lecture and participate in class discussions.

Objectives:

Having completed the assigned readings and exercises, attended the lectures, and participated in class discussions, the student will be able to:

1. Identify and explain the embalming factors associated with the term "jaundice."
2. Explain the specific treatments utilized to counteract and rectify jaundice.

3. Distinguish between the various carcinomas.
4. Explain the treatment used depending on the cancer present.
5. Identify and summarize the treatment for conditions predisposing to vascular difficulties

Week #8 - Decomposition and Delayed Embalming
Moisture Considerations: Edema and Dehydration

Preparation:

1. Read Chapter 21.
2. Study terms and concepts on pages 355-56 & 407.
3. Attend lectures and participate in class discussions.
4. QUIZ

Objectives:

Having completed the assigned readings and exercises, attended the lectures, and participated in class discussions, the student will be able to:

1. List and identify conditions favoring dehydration.
2. Explain the treatments used to control and rectify dehydration.
3. List and identify conditions predisposing edema.
4. Distinguish between the different types of edema according to location.
5. Explain the treatments used to control and rectify edema.
6. Identify conditions favoring decomposition.
7. Summarize treatment for cases predisposing to early decomposition and cases where decomposition is already present.

Week #9 - Deformities and Malformations
Radiation
Age Considerations

Preparation:

1. Read Chapter 16 & Read pages 201-202 and pages 489-543.
2. Attend lectures and participate in class discussions.
3. Study terms and concepts on page 307.

Objectives:

Having completed the assigned readings and exercises, attended the lectures, and participated in class discussions, the student will be able to:

1. Explain some treatments used to correct deformities and malformations, including injuries to the cranium.
2. Explain and discuss the general considerations, treatment, and hygiene associated with radioactive cases, and common causes of embalming failure.
3. Identify problems associated with embalming the elderly.

Week #10- Common Causes of Embalming Failure
Effects of Drugs on the Embalming Process

Preparation:

1. Read Chapter 23 & page 413.
2. Attend lectures and participate in class discussions.

Objectives:

Having completed the assigned readings and exercises, attended the lectures, and participated in class discussions, the student will be able to:

1. Explain the specific problems created for the embalmer by therapeutic and illicit use of drugs.
2. Identify and explain methods of avoiding the most common causes of embalming failure (time limits, not enough solution, solution too strong, determining preservation on tissue rigidity, injection speed and pressure, excessive drainage, and failure to properly preserve the viscera.)

Final exam

FUNERAL SERVICE

RE: ALL Funeral Service Courses that must be completed with grade of “C” or better

NOTE: Minimum “C” grade in Funeral Service courses is **75**
Students should strive for maximum success in all coursework.

A GPA of 2.0 is necessary for graduation.

Students must sit for the National Board Exam in order to graduate. Students must graduate and pass the NBE to sit for the State Jurisprudence exam.

Evaluation of student learning:

Quizzes and Tests

Quizzes and tests will be given on the dates as indicated on the class schedule. Departure from this schedule will be announced in class. Quizzes will cover material from the most recent class meetings, and tests will span several units of work.

Mastery of the material in this course will be evidenced through multiple choice, and/or fill in the blank type short essay questions with at least 75% accuracy level required.

Reports

Each student is required to submit 2 written case reports outlining embalming treatment for a particular problem case. Reports will be evaluated for accuracy of information and appropriate embalming treatment. Use of proper spelling and grammar is necessary and reports must include a list of references cited. Assigned cases will be discussed in class.

Evaluation:

25% - Mid-term	
25% - Final exam	
30% - quizzes	
5% - Attendance	
15% - case reports	
100%	

NOTE: Minimum "C" grade in Funeral Service courses is 75

100-94	A
93-90	A-
89-87	B+
86-83	B
82-80	B-
79-78	C+
77-75	C
74-60	D
>60	F

Academic Integrity Statement:

It is the students' responsibility to attend all of their classes. If they miss a class meeting for any reason, students are responsible for all content that is covered, for announcements made in their absence, and for acquiring any materials that may have been distributed in class. It is expected that students be on time for all their classes. If students walk into a class after it has begun; it is expected that they choose a seat close to where they entered the room so that they do not disrupt the class meeting.

Students are expected to follow ordinary rules of courtesy during class sessions. Engaging in private, side conversations during class time is distracting to other students and to the instructor. Leaving class early without having informed the instructor prior to class is not appropriate. Unless there is an emergency, leaving class and returning while the class is in session is not acceptable behavior. Disruptive behavior of any type, including sharpening pencils during class while someone is speaking, is not appropriate.

The college welcomes all students into an environment that creates a sense of community of pride and respect; we are all here to work cooperatively and to learn together.