

Common Course Outline

MORS 113

Embalming Theory II

2 Credit Hours

The Community College of Baltimore County

Description

MORS 113 – 2 Credits - Embalming Theory II offers an intensive study beyond the basic skills involved in the embalming process; covers case analysis, formulating chemical solutions, a complete analysis of the circulatory system, an explanation of the equipment used in the embalming process and methods of injection and drainage.

2 credits; 2 lecture hours per week; MORS 111 and MORS 113 are two seven week courses that are offered in the same semester.

Prerequisite: MORS 111 with a "C" or better. Students must take both MORS 111 and MORS 113 in the same semester.

Overall Course Objectives

Upon satisfactory completion of this course, the student should be able to:

1. explain advanced embalming techniques for complex cases;
2. explain the direction of the entire vascular systems;
3. discuss the proper methods of disposal of chemicals, blood and body fluids;
4. develop and apply case analysis in difficult embalming scenarios;
5. discuss the characteristics of arterial injection characteristics;
6. document the embalming techniques and procedures with written reports;
7. explain the importance of venous drainage;
8. explain the importance and the various methods of cavity treatment; and
9. elucidate how the handling, treatment and disposition of the dead human body meets the sociological, psychological, theological, physical and legal requirements of family and community.

Major Topics:

- I. Autopsies, Necropsies, Postmortem Examination and their Embalming Treatment
 - a. Regional
 - b. Exploratory-removal of bone or soft tissue
 - c. Partial autopsy-removal of one or more organs
 - d. Organs recovered
 - e. Treatment for organs recovered
 - f. Tissue recovered
 - g. Treatment for tissue recovered

- II. Circulatory System
 - a. Arterial, arterioles
 - b. Venous, veinules
 - c. Capillaries
 - d. Lymphatic

- III. Fluid disposal
 - a. E.P.A.
 - b. Bodily fluid
 - c. Blood
 - d. Spilled chemicals
 - e. Remaining chemicals

- IV. Case Analysis
 - a. Types of embalming chemicals
 - b. Vascular
 - c. Cavity fluid
 - d. Supplemental fluids
 - e. Jaundice fluids
 - f. High preservation demand fluids
 - g. Accessory chemicals
 - h. Safety in handling embalming chemicals in accordance with OSHA Hazard Communication Standard

- V. Dilution - Distribution – Diffusion
 - a. Dilution
 - b. Terms relative to fluid dilution
 - c. Terms relative to embalming solution movement
 - d. Signs of fluid distribution
 - e. Signs of fluid diffusion

- VI. Proper documentation
 - a. Chain of custody – personal possessions
 - b. Embalming report
 - c. Unusual scars, tattoos and other anomalies

- VII. Drainage Technique
 - a. Drainage
 - b. Purpose and importance
 - c. Drainage procedures
 - d. Methods of drainage in relation to injection
 - e. Methods of stimulating distribution and drainage
 - f. Components of drainage
 - g. Difficult drainage problems

- VIII. Cavity Treatment

- a. General considerations
- b. Abdominal regions
- c. Trocar guides
- d. Aspiration and injection equipment methods
- e. Materials to be aspirated
- f. Purge

- IX. Benefits of funeralization
- a. Grieving process
 - b. Steps of grief work
 - c. Spiritual significance
 - d. Final goodbyes

Course Requirements

Grading/exams: Final examinations in all Mortuary Science classes will be comprehensive. There will be no extra credit given in any Mortuary Science Class.

Grading Scale: The following is the grading scale used in all mortuary science classes.

A = 92 – 100	Test I	20%
B = 85 – 91	Test II	20%
C = 78 – 84	Test III	20%
D = 70 – 77	Test IV	20%
F = 0 – 69	Comprehensive Final	<u>20%</u>
		100%

Other Course Information

This course is a requirement for an Associate in Applied Science in the Mortuary Science Curriculum, which, in the State of Maryland, is required to sit for the National Board Examination (NBE). The NBE is implemented by the International Conference of Funeral Service Examining Boards (www.CFSEB.org). The Mortuary Science Program is statewide designated by the Maryland State Board of Higher Education and is nationally accredited by the American Board of Funeral Service Education (www.CFSEB.org).

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Individual faculty members may include additional course objectives, major topics, and other course requirements to the minimum expectations stated in the Common Course Outline.