

MORS 113

Embalming Theory II

2 Credits (2 Lecture hours per week)

Community College of Baltimore County
Common Course Outline

Description

MORS 113 – 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.

Pre-requisites: MORS 111 with a “C” or better.

Co-requisites: MORS 111

Overall Course Objectives

Upon completion of this course, students will 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

The Common Course Outline (CCO) determines the essential nature of each course.

For more information, see your professor’s syllabus.

- 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
 - a. 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

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Course Requirements

Grading will be determined by the individual faculty member, but shall include the following, at minimum:

- Final examinations in all Mortuary Science classes will be comprehensive. There will be no extra credit given in any Mortuary Science Class.

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| 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% |

Written assignments and research projects: Students are required to use appropriate academic resources in their research and cite sources according to the style selected by their professor.

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.

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