

# Common Course Outline

## MORS 114

### Embalming Practice II

1 Credit Hour

## The Community College of Baltimore County

### Description

**MORS 114 -- 1 Credit – Embalming Practice II** offers an in depth application of advanced skills used in the embalming process; covers case analysis and implementation of complex embalming procedures, an in depth look at contagious and infectious diseases, practice of universal precautions and a comprehensive examination of the location of the vascular system, and policies of government regulations involving funeral service. The course is taught at the State Anatomy Board which is located at the University of Baltimore at Baltimore.

**1 credit; 3 laboratory hours per week**

**Co-requisite; MORS 113**

**Prerequisite: MORS 111 and MORS 112 with a "C" or better. A minimum of 45 lab hours is necessary to qualify for the National Board Examination. Students must take both MORS 112 and MORS 114 in the same semester Lab fee: \$900.00 per each class.**

### Overall Course Objectives

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

1. implement the proper procedures of the disposal of blood, bodily fluids, and chemicals;
2. demonstrate advanced embalming techniques and procedures;
3. show evidence of proper universal precautions protocol;
4. utilization of the various types of embalming chemicals used in complex embalming cases;
5. explain the various precautions required in the event of an epidemic or mass fatality;
6. identify the minute vessels used in complex embalming cases;
7. implement the policies that govern embalming laboratories
8. demonstrate the various techniques used in blood drainage;
9. recognize signs of distribution and diffusion; and
10. employ various embalming techniques of pre and post arterial injection.

### Major Topics:

- I. Disposition of fluids
  - a. Bodily
  - b. Blood
  - c. Chemicals
  - d. Infectious/Biohazardous materials

- II. Autopsies, Necropsies, Postmortem Examination and their Embalming Treatment.
  - a. Exploratory-removal of bone or soft tissue
  - b. Partial autopsy-removal of one or more organs
  - c. Organs recovered
  - d. Treatment for organs recovered
  - e. Tissue recovered
  
- III. Universal precautions
  - a. Respirators
  - b. Personal protective equipment
  - c. Proper engineering of the preparation room
  - d. HCHO standard
  - e. Bloodborne pathogens standard
  - f. Hazard communication standard
  
- IV. Variable and fixed factors in embalming fluids
  - a. Types of embalming chemicals
  - b. Cavity fluid
  - c. Supplemental fluids
  - d. Jaundice fluids
  - e. High preservation demand fluids
  - f. Accessory chemicals
  - g. Safety in handling embalming chemicals in accordance with OSHA Hazard Communication Standard
  
- V. Infectious and contagious diseases
  - a. Pandemics
  - b. Mass fatalities
  - c. Proper protocols of handling such cases
  
- VI. Vascular System and their tributaries
  - a. Common Carotids
  - b. Subclavians
  - c. Common iliacs
  - d. Femorals
  - e. Popliteal
  - f. Anterior and posterior tibias
  - g. Dorsal pedis
  - h. Circle of Willis
  
- VII. Government regulations
  - a. State Board of Morticians
  - b. Federal Trade Commission
  - c. Environmental Protection Agency
  - d. Centers for Disease Control and Prevention

- VIII. Drainage Techniques
  - 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
  
- IX. Dilution - Distribution – Diffusion
  - a. Dilution
  - b. Signs of fluid distribution
  - c. Signs of fluid diffusion
  
- X. Cavity Treatment
  - a. General considerations
  - b. Abdominal regions
  - c. Trocar guides
  - d. Aspiration and injection equipment methods
  - e. Materials to be aspirated
  - f. Purge

**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 rubric:

1. Utilization of safe embalming practices including PPE's
2. Competencies employed in the embalming methods
3. Ability to select and raise vessels
4. Employ the various types of proper mouth closures
5. Respect and care shown for the of the deceased
6. Exhibit professionalism required while working with funeral service colleagues
7. Laboratory attitude

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

- A = 92 – 100
- B = 85 – 91
- C = 78 – 84
- D = 70 – 77
- F = 0 – 69

### **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](http://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](http://www.CFSEB.org)).

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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