



COURSE OUTLINE

FUN 223

Course Number

Funeral Service Pathology

Course Title

3

Credits

3/0

Hours: lecture/laboratory/other (specify)

Catalog description:

Studies of pathological changes related to disease processes. Discussion of the effect of physical and chemical trauma on the human body, particularly manifestations relevant to mortuary science. A survey of the major diseases.

Prerequisites: BIO 103 and BIO 104, and/or BIO 106

Corequisites: None

Required texts/other materials:

Text: **Title:** Pathology and Microbiology for Mortuary Science
Author: David Mullins
Publisher: Thomson/Delmar Learning
Edition: First

Last revised: January 2009

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

Information resources

References: Embalming: History, Theory, Practice
Mayer

Synopsis of Pathology
Anderson and Scotti

Pathology for Health-Related Professions
Damjanov

Other learning 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

Course goals

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

Course-specific General Education goals and objectives.

To provide the student with a general knowledge of disease processes with a particular emphasis on those diseases that are the major causes of death so the student will recognize the embalming problems which they present.

To provide an understanding of pathological terminology so the student will be able to communicate with members of the medical profession and facilitate the interpretation of the certificates of death.

To provide sufficient knowledge so the student will be able to identify the various manifestations of death which may be of medicolegal significance.

To emphasize the potential health aspects involved in the preparation of human remains so the student will understand the need for public health regulations.

To familiarize the student with the techniques employed in and the benefits derived from the post mortem examination of human remains.

To impress the student with the importance of medical research and its relationship to community health so he may become active in disease control programs.

Units of study in detail

Topical Outline of Subject Matter*

In general, each topic is discussed with emphasis on definition, cause, description, anatomical and/or physiological ramifications, review of normal anatomy and physiology, and postmortem conditions.

Intro to Pathology and Definitions, Chapter 1

Pathology

General Pathology

Clinical Pathology

Forensic Pathology

Pathologic Anatomy

Diagnosis

Prognosis

Symptoms or signs

Remission

Acquired disease

Idiopathic disease

Chronic

Hereditary disease

Sporadic disease

Allergies

Occupational disease

Gross Pathology

Microscopic Pathology

Special Pathology

Lesion

Organic Disease

Functional Disease

Exacerbation

Congenital disease

Recurrent disease

Acute

Deficiency disease

Endemic disease

Infectious disease

Febrile disease

Intoxications

Nature of Disease, Chapter 2

Etiology

Predisposing condition

Chemical agents

Deficiency

Exciting causes

Plant & Animal parasites

Allergens

Cellular Reaction to Injury, Chapter 3

Necrosis

Atrophy

Regeneration

Hypertrophy

Infiltration

Inflammation, Chapter 5

Causes

Vascular reaction

Repair

Cardinal Symptoms

Lesions

Disturbances in Circulation, Chapter 6

Edema	Hyperemia
Ischemia	Thrombosis
Embolism	Infarction
Hemorrhage	

Heart Disease, Chapter 9

Dilation	Hypertrophy
Endocarditis	Valvular defects
Pericarditis	Myocarditis
Rheumatic Heart disease	Coronary Heart disease
Cardiac failure	
Arteriosclerosis	Aneurysms
Phlebitis	Varicose Veins
Arteritis	Artherosclerosis

Skeleton/Bones/Joints, Chapter 16

Osteoporosis	Arthritis	Scoliosis
Osteomyelitis	Paget's Disease	
Osteosarcoma	Bursitis	Osteomalacia & Rickets

Neoplasia, Chapter 7

Classification	Cysts
Metastasis	Benign Tumors
Malignant Tumors	

Respiratory System, Chapter 11

Bronchitis	Asthma
Emphysema	Pneumonia
Tuberculosis	Pneumonioses
Tracheitis	Empyema
Cyanosis	Atelectasis
Pleurisy	Pneumothorax

Digestive System, Chapter 10

Stomatitis	Glossitis
Gingivitis	Pharyngitis
Esophagitis	Stenosis of Esophagus
Esophageal Varices	Pyloric Stenosis
Gastritis	Peptic Ulcer
Enteritis	Peritonitis
Colitis	Enteritis
Appendicitis	Diverticula
Hernia	Intussusception
Volvulus	Intestinal Obstruction
Proctitis	
Hepatitis	Cirrhosis
Jaundice	Cholecystitis
Cholelithiasis	Cholangitis

Urinary System, Chapter 12

Glomerulonephritis	Uremia
Tubular Nephrosis	Pyelonephritis
Hypertensive Kidney	Urinary Calculus
Polycystic Kidney	Ureteritis
Urethritis	Oliguria
Anuria	Hematuria

Male Reproductive System, Chapter 15

Prostatic Hypertrophy	Carcinoma
Prostatitis	Hydrocele
Orchitis	Tumors: Seminoma, Teratoma
Cryptorchidism	

Female Reproductive System, Chapter 14

Puerperal Sepsis	Endocervicitis
Endometritis	Chorioepithelioma
Hydatidiform Mole	Salpingitis
Oophoritis	Ectopic Pregnancy
Breast Cancer	

Endocrine, Chapter 17

Thyroid	Pituitary	Pancreas
Adrenal Glands	Islets of Langerhans	Diabetes
Addison's Disease		

Nervous System, Chapter 13

Hydrocephalus	Spina Bifida
Hemorrhage	Menningitis
Poliomyelitis	Myelitis
Encephalitis	Neuritis
Epilepsy	Concussion
Contusion	

Blood and Lymph Nodes, Chapters 8 and 19

Anemias	Polycythemia
Hemophilia	Purpura
Leukemia	Leucocytosis
Leukopenia	Lymphoma
Hodgkin's Disease	

Structural Abnormalities & Birth Defects, Chapter 4

Hermaphroditism	Klinefelters' Syndrome
Turners' Syndrome	Harelip & Cleft Palate
Spina Bifida	Aplasia
Hypoplasia	Malformation/Anomaly

Diseases of Integument, Chapter 18

Abscess	Syphilis
Psoriasis	Eczema
Bedsores	Skin Cancer

Forensic Pathology, Appendix A

Coroner v. Medical Examiner	Medicolegal Investigation
Injuries	Sudden Infant Death Syndrome
Maltreatment of Children	Poisoning

Evaluation of student learning:

Grades: Grades will be computed on the basis of several quizzes and a comprehensive final examination.

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.