



# RNSG 1311 Pathology/Microbiology for Funeral Sciences

## Course Syllabus: Spring 2020

"Northeast Texas Community College exists to provide responsible, exemplary learning opportunities."



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Office Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Online
						By Appointment

*The information contained in this syllabus is subject to change without notice. Students are expected to be aware of any additional course policies presented by the instructor during the course.*

**Catalog Course Description:** Basic principles of pathophysiology and microbiology for funeral science. The course focuses on inflammatory disorders, degenerative disorders and trauma to the body. Additionally, disease-causing microorganisms, their classification, anatomy, requirements for growth, methods of control, and human diseases caused by significant microorganisms are covered.

**Required Textbook(s):** Pathology and Microbiology for Mortuary Science, 2006

**Author:** David Mullins  
**Publisher:** Delmar-Cengage Learning  
**ISBN Number:** 978-1-4018-2519-5  
**Recommended Reading(s):** None

**Additional Requirements:** Respondus Web Monitor (\$10.00). You will register for Respondus Monitor in the "Start Here" folder in blackboard. Please follow instructions in blackboard.

### Student Learning Outcomes:

- Define pathology and disease and identify causative agents of disease.
- Provide examples of cellular reaction to injury and the causes of inflammation.
- Describe conditions associated with disturbances in circulation and diseases of the blood and circulatory system.
- Identify characteristics of disorders of the digestive, respiratory and urinary systems and any post-mortem conditions associated with these.
- Identify characteristics of the skeletal, endocrine, integumentary and lymphatic systems and any post-mortem conditions associated with these.
- Identify characteristics of neoplasms and cysts, disorders of the nervous systems and any post mortem conditions associated with these.

- Identify characteristics of disorders of the skeletal, endocrine, integumentary and lymphatic systems and any post-mortem conditions associated with these.
- Identify characteristics of disorders of the female and male reproductive systems, structural abnormalities and birth defects and any post-mortem conditions associated with these.
- Understand characteristics of acellular infectious agents (viruses and prions) and cellular infectious agents (prokaryotes and eukaryotes).
- Distinguish between mechanisms of physical and chemical agents to control microbial populations.

### Evaluation/Grading Policy:

The final grade will be determined as follows:

#### For your final grade:

**Exams: FOUR (4) exams** will be worth **50%** of the total grade. The first three exams will be worth **10%** each and the final exam is a comprehensive exam which will be worth **20%**. **Exam questions will be multiple choice and short answer and will be limited to material covered in textbook & online exercises; including quizzes and case studies.** (The majority of questions will be taken from course exercises.)

**Course Exercises:** All course exercises done in your BLACKBOARD will be graded. Course exercises must be originals and cannot be copies, per copyright laws. Each course exercise completed in BLACKBOARD will be worth **1 point** for a total of **30 points**. These points will make up **30%** of your course grade. These points will come from 14 quizzes and 16 case studies.

**Course Discussions:** Weekly discussions as specified on blackboard are required, and will be worth **20%** of the total course grade. **Final discussion responses will only be accepted the day that they are due.**

**Letter grades** will be assigned according to the following scale:

A = 90-100	C = 70-79
B = 80-89	D = 60-69
	F = below 60

**Please be aware that NO EXTRA CREDIT WILL BE GIVEN at the end of the semester.** The average shown in Bb will determine the final course grade, and **no additional work** is possible.

#### General:

Students should log onto **Blackboard (Bb)** ASAP and **carefully** read **all announcements**. **Bb** and **student email** should be checked **DAILY** for **new announcements or messages**.

Questions are welcomed during office hours (or by appointment), or if more convenient, they can be directed to me either by phone or e-mail. **Please do not hesitate to ask questions! There is no such thing as a stupid question. It is only stupid NOT to ASK them. It is VERY difficult to improve your course average after you fail the first exam, so PLEASE contact the instructor for help or studying tips EARLY in the semester, before it is too late to make a difference.**

**Exam/Quiz Make-Up Policy:** If a student is unable to take an exam/quiz as scheduled, a make-up will be arranged **ONLY** if the reason is legitimate, and the instructor is notified **IN ADVANCE of the time the exam/quiz is scheduled** (or becomes unavailable), either through the telephone or e-mail. **Students who fail to make appropriate arrangements will receive a grade of "0" for the exam missed.** There will be no exceptions.

**Student Responsibilities/Expectations:**

- Northeast Texas Community College is a “community of scholars.” Please remember that you and all of the students in this class are pursuing very important goals in your lives. As scholars, I expect every student to be courteous to other students and the instructor in all online experiences.
- All colleges and universities must remain diligent in their pursuit of assuring the academic integrity of their courses to maintain their accreditation status with Southern Association of Colleges and Schools and the Texas Higher Education Coordinating Board. The academic integrity of NTCC’s online courses is maintained with the documented use of BioSig and respondus for all exams and quizzes.
- Schedule and plan to complete all assignments and submit them when they are due. Be sure to print off the calendar to help you keep up with assignment due dates.
- Be sure to do all of your own work. Collusion and plagiarism are acts of academic dishonesty. Work that is copied and pasted directly from any website is not acceptable in any form on any assignment. See the Student Handbook, p. 90 for definitions of collusion, plagiarism, and cheating. Infractions can result in severe grading penalties or failure.
- The last day to drop the course with a grade of W is **Thursday, April 9, 2020**. If circumstances require you to withdraw from this course, you must do so by that date. It is the student’s responsibility to initiate the withdrawal with the registrar’s office. Failure to officially withdraw will result in your receiving a grade of F.

**NTCC Academic Honesty Statement:**

"Students are expected to complete course work in an honest manner, using their intellects and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. NTCC upholds the highest standards of academic integrity. This course will follow the NTCC Academic Honesty policy stated in the Student Handbook."

**Academic Ethics**

The college expects all students to engage in academic pursuits in a manner that is beyond reproach. Students are expected to maintain complete honesty and integrity in their academic pursuit. Academic dishonesty such as cheating, plagiarism, and collusion is unacceptable and may result in disciplinary action. Refer to the student handbook for more information on this subject.

**ADA Statement:**

It is the policy of NTCC to provide reasonable accommodations for qualified individuals who are students with disabilities. This College will adhere to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student’s responsibility to arrange an appointment with a College

counselor to obtain a Request for Accommodations form. For more information, please refer to the NTCC Catalog or Student Handbook.

**Family Educational Rights And Privacy Act (Ferpa):**

The Family Educational Rights and Privacy Act (FERPA) is a federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. FERPA gives parents certain rights with respect to their children’s educational records. These rights transfer to the student when he or she attends a school beyond the high school level. Students to whom the rights have transferred are considered “eligible students.” In essence, a parent has no legal right to obtain information concerning the child’s college records without the written consent of the student. In compliance with FERPA, information classified as “directory information” may be released to the general public without the written consent of the student unless the student makes a request in writing. Directory information is defined as: the student’s name, permanent address and/or local address, telephone listing, dates of attendance, most recent previous education institution attended, other information including major, field of study, degrees, awards received, and participation in officially recognized activities/sports.

**COURSE SCHEDULE**

<u>DATE</u>	<u>CONTENT</u>	<u>CHAPTERS</u>
<b>WEEK 1</b>	Class Orientation - Syllabus, Blackboard and Textbook Introduction to Pathology Nature of Disease <i>Discussion Week 1: Introductions in Start Here Folder</i> <i>Case Study Week 1</i> <i>Quiz Week 1</i>	CH 1 CH 2
<b>WEEK 2</b>	Cellular Reaction to Injury Inflammation <i>Discussion Week 2: Chapter Key Concepts</i> <i>Quiz Week 2</i>	CH 3 CH 5
<b>WEEK 3</b>	Disturbances in Circulation Neoplasms and Cysts <i>Discussion Week 3: Chapter Key Concepts</i> <i>Case Study Week 3</i> <i>Quiz Week 3</i>	CH 6 CH 7
<b>Material</b>	<b>End Exam</b>  <b>EXAM 1</b>	<b>CH 1-3,5-7</b>
<b>WEEK 4</b>	Diseases of the Blood Diseases of the Heart and Vessels <i>Discussion Week 4: Chapter Key Concepts</i> <i>Case Study Week 4, part 1 and part 2</i> <i>Quiz Week 4</i>	CH 8 CH 9
<b>WEEK 5</b>	Diseases of the Digestive System Diseases of the Respiratory System <i>Discussion Week 5: Chapter Key Concepts</i>	CH 10 CH 11

	<i>Case Study Week 5</i>	
	<i>Quiz Week 5</i>	
<b>WEEK 6</b>	Diseases of the Urinary System	CH 12
	Diseases of the Nervous System	CH 13
	<i>Discussion Week 6: Chapter Key Concepts</i>	
	<i>Case Study Week 6, part 1 and part 2</i>	
	<i>Quiz Week 6</i>	
<b>WEEK 7</b>	Diseases of the Female Reproductive System	CH 14
	Diseases of the Male Reproductive System	CH 15
	Structural Abnormalities and Birth Defects	CH 4
	<i>Discussion Week 7: Chapter Key Concepts</i>	
	<i>Case Study Week 7</i>	
	<i>Quiz Week 7</i>	
<b>Material</b>	<b>End Exam</b>	
<b>WEEK 8</b>	<b>EXAM 2</b>	<b>CH 4, 8-15</b>
	Diseases of the Bones and Joints	CH 16
	Diseases of the Endocrine System	CH 17
	<i>Discussion Week 8 : Chapter Key Concepts</i>	
	<i>Case Study Week 8, part 1 and part 2</i>	
	<i>Quiz Week 8</i>	
<b>WEEK 9</b>	<b>Spring Break</b>	
<b>WEEK 10</b>	Diseases of the Integumentary System	CH 18
	Diseases of the Lymphatic System	CH 19
	<i>Discussion Week 10: Chapter Key Concepts</i>	
	<i>Case Study Week 10, part 1 and part 2</i>	
	<i>Quiz Week 10</i>	
<b>WEEK 11</b>	Introduction to Microbiology	CH 20
	Anatomy of Bacteria	CH 21
	<i>Discussion Week 11: Chapter Key Concepts</i>	
	<i>Quiz Week 11</i>	
<b>Material</b>	<b>End Exam</b>	
	<b>EXAM 3</b>	<b>CH 16-21</b>
<b>WEEK 12</b>	Physiology of Bacteria	CH 22
	Control of Microorganisms	CH 23
	<i>Discussion Week 12: Chapter Key Concepts</i>	
	<i>Quiz Week 12</i>	
<b>WEEK 13</b>	Microbe Virulence and Human Resistance	CH 24
	Diseases Caused by Bacteria	CH 25
	<i>Discussion Week 13: Chapter Key Concepts</i>	
	<i>Case Study Week 13</i>	
	<i>Quiz Week 13</i>	

<b>WEEK 14</b>	Diseases Caused by Mycoplasmas, Rickettsias, or Chlamydias Diseases Caused by Prions and Viruses <i>Discussion Week 14: Chapter Key Concepts</i> <i>Case Study Week 14, part 1 and part 2</i> <i>Quiz Week 14</i>	CH 26 CH 27
<b>WEEK 15</b>	Diseases of Fungi and Protozoa <i>Discussion Week 15: Chapter Key Concepts</i> <i>Case Study Week 15</i> <i>Quiz Week 15</i>	CH 28
<b>Material</b>		<b>End Exam</b>
<b>WEEK 16</b>	<b>FINAL EXAM</b>	<b>EVERYTHING</b>