

COURSE SYLLABUS

CAMPUS NAME: Ankeny

COURSE TITLE: Pharmacology

COURSE NUMBER: PHR 185

SECTION NUMBER & CRN: WW1/CRN 12876

INSTRUCTOR INFORMATION

NAME: Dr. Tony Guerra

EMAIL ADDRESS: aaguerra@dmacc.edu

PHONE NUMBER: 515-965-7192

OFFICE LOCATION: Building 24-304 Ankeny

OFFICE HOURS/APPOINTMENTS: [Tuesday and Thursday from 12:00 PM to 3 PM, Friday: 1:30 to 3:30 PM]

INSTRUCTOR INTRODUCTION: Tony Guerra is a pharmacist who has been teaching at DMACC for over 10 years. He likes CrossFit, Marathons, and hanging with his triplet daughters.

BLACKBOARD: <https://dmacc.blackboard.com/>

COURSE INFORMATION

PANDEMIC SPECIAL INFORMATION: DMACC has implemented safety efforts to keep students safe; however, due to the extreme contagious nature of the COVID-19 virus, it should NOT be assumed that all risk will be eliminated. DMACC recommends that you continue to follow DMACC and state/local health recommendations around COVID-19. For more information visit: <https://tinyurl.com/DMACCStudentPlaybook>

SEMESTER/YEAR: Fall 2021

DATE SYLLABUS CREATED AND/OR REVISED: 4/21/2021

DAYS & TIME & LOCATION: Asynchronous online

COURSE DESCRIPTION & CREDITS:

<https://www.dmacc.edu/Schedule/Pages/coursedescriptions.aspx>

COURSE COMPETENCIES: <https://www.dmacc.edu/competencies>

COURSE OVERVIEW: An undergraduate course in pharmacology

DMACC COLLEGE WIDE OUTCOMES:

<https://www.dmacc.edu/oie/Documents/DMACC%20Collegewide%20Outcomes.pdf>

STUDY EXPECTATIONS/TIPS: Study Expectations/Tips:

With hard work, perseverance, and a little help you will succeed in this course. Web courses are especially tricky for first time college students. While the flexibility of being able to take a course and do the work at any time is helpful, that is the biggest problem. I recommend you put scheduled hours to complete the online part of your work for this course each week. So just like a face-to-face class write in MWF 2:10 to 3:00 PM when you will sit at the computer and do your work.

Learning is hard work. Try to have a study place that is quiet, uncluttered, and free of distractions. Most of us need to put forth a considerable effort to earn A's and B's in college-level courses. Only you can decide if it is worth the effort and time. To do well in this class, you must do your homework regularly (see schedule and dateline on the last pages). Students are expected to devote at least two hours of study time for each contact hour. It is realistic to expect to spend at least 6 hours per week studying for this class. (Summer courses will take even more time because of the compressed schedule. Also, your background in science will have a huge impact on the amount of time you spend studying) Study the assigned readings, which will help you follow the content of the lecture. Review your lecture notes. Stay up-to-date The content of this course builds on itself throughout the semester. Consequently, it is important that students master early concepts, as they will become building blocks for concepts introduced later in the course.

- Take good notes. Many of the test questions resemble those worked out in class. Rewrite your lecture notes (if you have time.) Use the lecture text to supplement your notes. Highlight key words and phrases in color.

- If you miss any lecture, it is your responsibility to obtain the notes from a classmate as soon as possible. Then review the missed notes and ask the instructor any questions on the missed material as soon as possible. Get Help! Students should seek extra help (tutoring, come in to office hours, visit the achievement center) as soon as possible if they feel that they are getting behind on the course material.

TEXTBOOKS & MATERIALS

REQUIRED TEXTBOOKS & ISBN:

Nursing Pharmacology ISBN 9781734914108 is available as an open educational resource (OER) **free** at <https://wtcs.pressbooks.pub/pharmacology/> you may purchase a print book if you like with this ISBN 9781734914114

Memorizing Pharmacology: A Relaxed Approach Links to [eBook](#), [Audiobook](#), or Print Book ISBN 9781329898448

Audiobook: *Memorizing Pharmacology Questions, Answers, and Rationales, Books 1 to 7* Multiple Choice, Matching, Mnemonics, and a Final Exam (Please contact me if there is an ADA issue or you are a high school student currently in high school) [Link to Book](#)

TECHNOLOGY NEEDS: Laptop/Tablet

REQUIRED MATERIALS: N/A

OPTIONAL OR RECOMMENDED BOOKS/MATERIALS: N/A

SOFTWARE APPLICATIONS:

<https://residency.teachable.com/p/mobile>

Software notice: "All the software used in this class is copyrighted; therefore, it is not for distribution, copying, or personal use. This software is the property of Des Moines Area Community College."

COURSE POLICIES

ATTENDANCE/PARTICIPATION: Regularly completing assignments on time is key to your success in this course.

GRADING CRITERIA: 92.51+ A, 90-92.49% A-, 88-89.99B+, 82.01-87.99 B, 80-82%B-, 78-79.99C+, 72.01-77.99 C, 70-72% C-, 68-69.99D+, 62.01-67.99 D, 60-62%D-. Less than 60% F Any disputes or questions regarding grading of material must be discussed and resolved within one week after the item has been graded.

CLASSROOM CONDUCT: <https://www.dmacc.edu/handbook>

MISSED EXAMS: My regular policy is that you must take the exams on the dates indicated. It is expected that you will take the exams at the scheduled times; however, if you must miss an exam for reasons of illness or personal emergency, it is expected that you will call or e-mail me BEFORE the exam. If you do not contact me before the exam period, a score of zero will be recorded.

LATE ASSIGNMENTS: Not accepted.

CLASS CANCELLATION PROCEDURE: Students will be notified by email if the instructor needs to cancel/change a class time/location

ACADEMIC MISCONDUCT AND PLAGIARISM: DMACC's Academic Misconduct Policy (ES4670) prohibits plagiarism; falsification; unauthorized collaboration during an exam, project, or assignment; or the misrepresentation of identity by a student or individual to complete an exam, course, or project. Plagiarism is defined as presenting someone else's work or ideas as your own by including it into your work without citing the original author's work. Academic Misconduct may be intentional or unintentional in nature. Academic Misconduct may result in sanctions for the student. Sanctions are issued based on the severity and nature of the misconduct. It is the student's responsibility to become familiar with and follow DMACC's Academic Misconduct procedure at this link:

https://www.dmacc.edu/student_services/int/Procedures/ES4670_Final.pdf.

Academic misconduct on an assignment will result in a zero on that assignment.

SUPPORT SERVICES/ACCOMMODATIONS

SERVICES FOR STUDENTS WITH DISABILITIES: <https://www.dmacc.edu/disabilities>

Any student with a documented disability who requires reasonable accommodation should contact the Disability Services Coordinator at **515-964-6850** or the counseling & advising office on any campus to apply for services.

COURSE SYLLABUS

DISCLAIMER: “This syllabus is representative of materials that will be covered in this class; it is not a contract between the student and the institution. It is subject to change without notice. Important: **All students are strongly encouraged to visit MyDMACC portal to review policies and procedures.** Any potential exceptions to stated policies and requirements will be addressed on an individual basis and only for reasons that meet specific requirements. If you have any problems related to this class, please feel free to discuss them with me.”

NONDISCRIMINATION STATEMENT

Des Moines Area Community College shall not engage in nor allow discrimination covered by law against any person, group or organization. This includes in its programs, activities, employment practices, or hiring practices, and harassment or discrimination based on race, color, national origin, creed, religion, sex, sexual orientation, gender identity, age, disability, genetic information (in employment) and actual or potential parental, family or marital status. Veteran status in educational programs, activities, employment practices, or admission procedures is also included to the extent covered by law.

Individuals who believe they have been discriminated against may file a complaint through the College Discrimination Complaint Procedure. Complaint forms may be obtained from the Campus Provost's office, the Academic Deans' office, the Judicial Officer, or the EEO/AA Officer, Human Resources. ADA questions and concerns may be directed to the Section 504/ADA Coordinator at 2006 S. Ankeny Blvd, Bldg. 6, Ankeny, IA 50023, phone 515/964-6857, dso@dmacc.edu. Title IX questions and concerns may be directed to the Title IX Coordinator at 2006 S. Ankeny Blvd, Bldg. 1, Ankeny, IA 50023, phone 515/964-6216, Title9@dmacc.edu. Questions or complaints about this policy may be directed to the Director of the Office for Civil Rights, U.S. Department of Education, Citigroup Center, 500 W. Madison, Suite 1475, Chicago, IL 60661-7204, phone 312/730-1560, fax 312/730-1576, email OCR.Chicago@ed.gov.

FURTHER PROCEDURE INFORMATION:

Students who wish additional information or assistance may refer to Student Services procedure ES 4645 located at https://www.dmacc.edu/student_services/int/Procedures/ES4645_Final.pdf.

ADA/SECTION 504 INFORMATION:

The Academic Support Services Director is the official Student Accommodation Officer/Section 504/ADA Coordinator for DMACC. The ADA Coordinator's office is located in Bldg. 6-10E on the Ankeny Campus and may be contacted by voice (515-964-6857). The ADA Coordinator is responsible for ensuring that the college complies with federal regulations that guarantee qualified students with disabilities equal access to all programs and services. Any student, faculty, or staff member may contact the ADA Coordinator's office for clarification of federal regulations, appeal of a grievance, or resolution of a disability-related problem.

ADDITIONAL INFORMATION

DMACC supports student success through our Early Alert System. Early Alert connects students to available resources such as advising, counseling, tutoring and more. Faculty members may refer students to these supports in cases in which a student is showing difficulty in attendance, course work, and/or reported situations in which more support could aide in college success. Students are encouraged to respond to all DMACC phone calls or

emails and take full advantage of available resources to support a positive college experience. More information may be found at <https://earlyalert.dmacc.edu>.

To access additional information related to DMACC policies and procedures that impact the classroom (e.g. use of technology, weather-related cancellations, classroom conduct, etc.) please reference the DMACC student portal.

If you do not have access to a computer and need a printed version of any of the information described above, contact your instructor.

Course Schedule and Due Dates are in the Learning Management System

<i>NOTE: The number of weeks for each topic vary for each semester, the traditional Fall and Spring semesters are 15-week sessions and Summer is a 10-week session at DMACC.</i>			
Topic		<i>Memorizing Pharmacology: A Relaxed Approach</i>	
1	Introduction	Introduction	
2	GI	MP Chapter 1	
3	Musculoskeletal	MP Chapter 2	
4	Respiratory	MP Chapter 3	
5	Immune (2 weeks)	MP Chapter 4	
6	Nervous (2 weeks)	MP Chapter 5	
7	Cardiovascular (2 weeks)	MP Chapter 6	
8	Endocrine	MP Chapter 7	
9	Renal / Reproductive	MP Chapter 7 and on Learning Management System (LMS = Blackboard)	
10	OTC	Content is on the LMS	
11	Finals Week		

Nursing Pharmacology

Topic	TOPIC	LECTURE TITLE
1	INTRO	Introduction / Drug Names / Pharmacokinetics / Pharmacodynamics / Drug Interactions / Adverse Drug Reactions
2	GI	Peptic Ulcer Dx/Laxatives/Other
3	MUSC	NSAIDs and APAP/Opioids/Drugs for Headache Rheumatoid Arthritis/Gout/Osteoporosis
4	RESPIRATORY	Antihistamines/Asthma/Allergic Rhinitis, Cold, Cough
5	IMMUNE	Antimicrobials Intro/PCNs/Cephalosporins Tetracyclines/Macrolides/Aminoglycosides/Sulfonamides UTI's/Fluoroquinolones/Misc. Antimicrobials/Anti-Tuberculosis Antifungals, Non-HIV, HIV
6	NEURO/ PSYCH	Intro to Neuro / Adrenergic and Cholinergic Drugs Antipsychotics/Antidepressants/Drugs for Bipolar Disorder Sedative-

		Hypnotics/ Anti-Anxiety/Drugs for ADHD (CNS Stimulants) Parkinson's, Alzheimer's, Anti-Epileptics Local Anesthetics, Drugs of Abuse Alcohol, Drugs of Abuse Nicotine
7	CARDIO	Hemodynamics/Diuretics/RAAS/Calcium Channel Blockers (CCB) / HTN/Heart Failure/ Cholesterol Angina/Anticoagulants/ST-Elevated MI
8	ENDOCRINE	Diabetes/Thyroid/Glucocorticoids Non-Endocrine
9	RENAL / REPRODUCTION	BC/Erectile Dysfunction and Content is on LMS
10	OTC	Content is on the LMS