

COURSE SYLLABUS

CAMPUS NAME: Ankeny

COURSE TITLE: Pharmacology

COURSE NUMBER: PHR 185

SECTION NUMBER & CRN: WW1 CRN 30748, WW2 30831

INSTRUCTOR INFORMATION

NAME: Dr. Tony Guerra

EMAIL ADDRESS: aaguerra@dmacc.edu

PHONE NUMBER: 515-965-7192

OFFICE LOCATION: Building 24-304, Ankeny Campus

OFFICE HOURS/APPOINTMENTS: F, 12 to 3 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

SEMESTER/YEAR: Summer 2022

DATE SYLLABUS CREATED AND/OR REVISED: May 4th, 2022

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: To do well in this class you must do your homework regularly (see schedule on back pages and Blackboard). Study the assigned readings. Read instructions carefully on all assignments. And most important ask questions of the instructor as needed. Students should seek extra help (tutoring, coming into office hours, etc.) as soon as possible if they feel they are getting behind on the course material or struggling with an assignment. Since the course is online, log into the course a minimum of weekly, and complete all assignments each week. At beginning of the week, review the schedule for the week and make sure you know what your assignments are. Look ahead and plan

study time for tests and assignments, etc. If you know you are going to have a conflict and be short of time, plan for it. Do not procrastinate and wait for the day they are due. Some assignments may take more time than you think.

TEXTBOOKS & MATERIALS

Nursing Pharmacology (Free / OER)

<https://open.umn.edu/opentextbooks/textbooks/875>

and

Pharmacology Made Simple: An Introduction for the Health Professions

<https://www.amazon.com/Pharmacology-Simple-Book-Anthony-Guerra-ebook-dp-B09B2NTNJ8/dp/B09B2NTNJ8/>

or print version

<https://www.amazon.com/Pharmacology-Simple-Anthony-Guerra-PharmD/dp/0323695442/>

and

Memorizing Pharmacology: A Relaxed Approach 2nd Edition

Audiobook (preferred to learn how to pronounce the names)

https://www.audible.com/pd/B09JVBHRXK/?source_code=AUDFPWS0223189MWT-BK-ACX0-281667&ref=acx_bty_BK_ACX0_281667_rh_us

or

eBook

<https://www.amazon.com/Memorizing-Pharmacology-Relaxed-Approach-Second-ebook/dp/B09CZJDT5L/>

or

Print Version

[HTTPS://WWW.AMAZON.COM/MEMORIZING-PHARMACOLOGY-RELAXED-APPROACH-SECOND/DP/1957259000/](https://www.amazon.com/Memorizing-Pharmacology-Relaxed-Approach-Second/dp/1957259000/)

SOFTWARE APPLICATIONS: Click & type. Select and delete row if not applicable.

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.

WEATHER-RELATED CANCELLATIONS:

- 1) **Online, hybrid, and virtual classes:** Online, hybrid, and virtual classes will continue as scheduled even if DMACC locations (campus, center, site, etc.) are cancelled. Only on-campus classes, labs, events, and 3rd party sites such as clinicals will be cancelled for weather-related closures.
- 2) **Classes meeting on campus, at a center/site, or 3rd party location such as clinicals:** Classes meeting on any campus, center/site, or a 3rd party location such as clinicals are cancelled when that campus, center, or site is closed due to weather. Online, hybrid, and virtual classes will continue when campuses, sites, or centers are closed due to weather.

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>

Follow courtesies in handbook of the Student Code of Conduct. Show consideration for your classmates and instructor through completing initial posting of discussion boards by Thursday due date and complete appropriate postings. Cite all resources utilized for discussion boards and assignments utilizing MLA or APA format. Log onto the online course a minimum of weekly to complete assignments due that week. Check your DMACC e-mail for updates/changes. Professional communication should take place for online portion of class as well as face to face classes. 1. Write your responses to discussions and assignments in a professional tone. 2. Use appropriate grammar and spelling. 3. Do not use shortcut texting. 4. Edit your document to make sure it is clear what you are asking or stating. 5. Follow rules of netiquette.

MISSED EXAMS: Half-credit maximum.

LATE ASSIGNMENTS: Half-credit maximum.

EXTRA CREDIT: Presented over the course of the class.

CLASS CANCELLATION PROCEDURE: (It is the responsibility of each faculty member to notify their students, in addition to their dean or provost, through some predetermined means if they must postpone or cancel a specific class.) I will email the class if there is a cancellation, but as this is an online course, that should not happen.

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 <https://dmacc.link/ES4670>.

COURSE SPECIFIC (LAB) SAFETY PROCEDURES: Not applicable.

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 the 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, John C. Kluczynski Federal Building, 230 S. Dearborn St., 37th Floor, Chicago, IL 60604-7204, phone 312/730-1560, fax 312/730-1576, TDD 800-877-8339, email OCR.Chicago@ed.gov.

NON-DISCRIMINATION PROCEDURE INFORMATION:

Students who wish additional information or assistance may refer to Student Services procedure ES 4645 Discrimination and Harassment Complaint procedure located at <https://dmacc.link/ES4645>.

DIVERSITY, EQUITY, AND INCLUSION INFORMATION:

DMACC supports diversity, equity, and inclusion in all aspects of college and community life. The Director of Diversity Equity Inclusion may be contacted at 515 964-6299 or

newittstruck@dmacc.edu. The Associate Director of DEI Student Engagement may be contacted at 515 964-6271 or nmstepletonhardin@dmacc.edu.

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 aid 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 (use of technology, weather-related cancellations, classroom conduct, etc.) please reference the myDMACC 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

Course Schedule and Due Dates are in the Learning Management System

| | Pharm Made Simple eBook (or Print Book) | Nursing Pharmacology OER | Memorizing Pharmacology Second Edition | Due Date |
|-------------|---|--|--|----------|
| Week | | | | |
| 1 | Chapter 1 Introduction to Pharmacology | Module I Kinetics and Dynamics | Author's Note | 5/31/22 |
| | Chapter 2 Drug Actions (Pharmacodynamics) | | | |
| | Chapter 3 Drug Movement (Pharmacokinetics) | | | |
| 2 | Chapter 4 Drug Laws and Med Errors | Module II Legal/Ethical | | 6/6/22 |
| | Chapter 5 Drug Administration | | | |
| | Chapter 6 Dosage Calculations | | Chapter 9 Practice Dosage Calculations 1 to 10 | |
| 3 | Chapter 7 Drug Classifications | | Introduction | 6/13/22 |
| | Over-the-Counter Drugs (in Blackboard) | | | |
| | Chapter 8 Gastrointestinal | Module VII Gastrointestinal | Chapter 1 GI | |
| 4 | Chapter 9 Musculoskeletal | Module X Analgesic and Musculoskeletal | Chapter 2 Musculoskeletal | 6/20/22 |
| | Chapter 10 Respiratory | Module V Respiratory | Chapter 3 Respiratory | 6/27/22 |
| 5 | Chapter 11 Immune Part 1 Immune Part 2 | Module III Antimicrobials | Chapter 4 Immune | 7/5/22 |
| 6 | Chapter 12 Neuro/psych Part 1 Neuro/psych Part 2 | Module IV Autonomic Nervous System Module VIII Central Nervous System | Chapter 5 Neuro/Psych | 7/11/22 |
| 7 | Chapter 13 Cardio Part 1 Cardio Part 2 | Module VI Cardio | Chapter 6 Cardio | 7/18/22 |
| 8 | Chapter 14 Endocrine | Module IX Endocrine | Chapter 7 Endocrine | 7/25/22 |
| 9 | Chapter 15 Pediatric Pharmacology | | | 8/1/22 |

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| | Chapter 16 Geriatric Pharmacology | | | |
| | Chapter 17 Local Anesthetics | | | |
| | Chapter 18 Alcohol and Drug Abuse | | | |
| 10 | Final Exam | | | 8/3 to 8/5/22 |
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