

## COURSE SYLLABUS

**CAMPUS NAME:** Ankeny

**COURSE TITLE:** Pharmacology

**COURSE NUMBER:** PHR 185

**SECTION NUMBER & CRN:** WW1 XXXXX

### INSTRUCTOR INFORMATION

**NAME:** Tony Guerra

**EMAIL ADDRESS:** [aaguerra@dmacc.edu](mailto:aaguerra@dmacc.edu)

**PHONE NUMBER:** 515-965-7192

**OFFICE LOCATION:** Bldg 24-304 Ankeny

**OFFICE HOURS/APPOINTMENTS:** [Friday: 8 -11 AM (Ankeny I will be in my office)] [Monday: 9:10 – 10:10, Wednesday: 9:40 – 10:10 (Newton), I will be in the classroom]

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

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

### COURSE INFORMATION

**SEMESTER/YEAR:** Spring 2020

**DATE SYLLABUS CREATED AND/OR REVISED:** 8/01/19

**DAYS & TIME & LOCATION:** Online

**COURSE DESCRIPTION & CREDITS:**

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

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

Click & type course competencies here. Delete this text if keeping Web address only.

**COURSE OVERVIEW:** Click & type. Select and delete row if not applicable.

**STUDY EXPECTATIONS/TIPS:** For many of you, pharmacology will be the most difficult course you will take at DMACC. However, 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. **Do your homework!** 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. ●Ask questions. **Stay up-to-date** This is a fast paced, hands-on course. 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:

Memorizing Pharmacology: A Relaxed Approach ISBN 1387827707

or [e-Book](#)

or [Audiobook](#) (*version may be free at this link*)

AND rent or buy:

Lehne: Pharmacology for Nursing Care, 10th Edition ISBN 9780323512275

### REQUIRED MATERIALS: N/A

### SOFTWARE APPLICATIONS: Microsoft Office 2016

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:** Participation is a factor for grading, as evidenced by quizzes and/or examinations given are the basis for the student's grade. Late submissions are not accepted, but the "weeks" remain open for two weeks at a time if you have vacation/travel etc.

**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. Any disputes or questions regarding grading of material must be discussed and resolved within one week after the graded material has been returned to the class.

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

Show consideration for your classmates and instructor through these courtesies: (1) arrive on time, (2) be prepared for class, (3) participate actively and respectfully in class activities, (4) listen with care to the class discussion, and (5) turn off and put away cell phones and other electronic devices when you enter the classroom.

**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. Make up exams will be placed in the testing center and removed 7 calendar days from the day of the original exam

**LATE ASSIGNMENTS:** Not accepted.

**EXTRA CREDIT:** Formal extra credit may be available. Your focus should be on the work at hand.

**CLASS CANCELLATION PROCEDURE:** This is an online course. There will be no cancellations.

**ACADEMIC DISHONESTY/PLAGIARISM:** It is important for you to be familiar with and follow DMACC's Academic Misconduct policy. Students are encouraged to review DMACC's Academic Misconduct Policy online at [https://www.dmacc.edu/student\\_services/int/Procedures/ES4670\\_Final.pdf](https://www.dmacc.edu/student_services/int/Procedures/ES4670_Final.pdf).

## **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](mailto: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 515/964-6212, [Title9@dmacc.edu](mailto: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](mailto:OCR.Chicago@ed.gov).

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](https://www.dmacc.edu/student_services/int/Procedures/ES4645_Final.pdf).

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 wants to support 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 can 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

### Course Schedule

<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 DMAAC.</i>			
Topic		<b>Memorizing Pharmacology (MP)</b>	
1	Introduction	MP Introduction	
2	GI	MP Chapter 1	
3	Musculoskeletal	MP Chapter 2	
4	Respiratory	MP Chapter 3	
5	Immune	MP Chapter 4	
6	Nervous	MP Chapter 5	
7	Cardiovascular	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	

### **Lehne: Pharmacology for Nursing Care**

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
<b>7</b>	CARDIO	Hemodynamics/Diuretics/RAAS/Calcium Channel Blockers (CCB) / HTN/Heart Failure/ Cholesterol Angina/Anticoagulants/ST-Elevated MI
<b>8</b>	ENDOCRINE	Diabetes/Thyroid/Glucocorticoids Non-Endocrine
<b>9</b>	RENAL / REPRODUCTION	BC/Erectile Dysfunction and Content is on LMS
<b>10</b>	OTC	Content is on the LMS