**CHEM 1004T: Drugs and the Human Body**

**Instructor**: Geronimo Parodi-Matteo

* geronimomatteoparodi@cmail.carleton.ca
* Please allow up to 24 hrs to respond during the weekdays (Monday – Friday) and 48 hrs during the weekend.

**Teaching Assistants**

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* Keri Malanchuk, KeriMalanchuk@cmail.carleton.ca
* Please allow up to 24 hrs to respond during the weekdays (Monday – Friday).

**Preface**: I want to thank Dr. Peter Buist for his contribution in designing this course, selecting the lecture material, and mentorship. Dr. Buist was a professor of organic chemistry at Carleton for many years and was a pioneer in the field of fatty acid chemistry. He taught thousands of students and passed on his passion for organic chemistry to me.

**Goal**: Provide you with a general understanding of what drugs are, how they work in the human body, how they are developed by organic chemists, and understand some important applications and history. I aim to help you achieve your desired grade by answering questions via e-mail, hosting office hours and review sessions. If you put in effort, I am confident that you can achieve your desired grade as hundreds of other non-science students have.

**Who**: This course is designed for non-science students and there are no pre-requisites. I teach with the assumption that all individuals have no background in biology and/or chemistry. The objective is to focus on the applications of biology/chemistry, not the underlying mechanisms. If you are new to science, welcome! If you already are an expert, be patient as our peers catch up.

**Materials**: Online resources are available on Brightspace. If you are interested in extra material for this course, I recommend Khan Academy [Chemistry](https://www.khanacademy.org/science/ap-chemistry-beta) and [Biology](https://www.khanacademy.org/science/ap-biology).

**Lecture Hours & Course Duration**: Course will run through the Fall term (Sept 7 – Dec 9). Classes begin on Monday Sept 12 and are held in Tory Building 360 Mondays 2:35 PM – 5:25 PM.

**Evaluation**

* Breakdown: 4 midterms.
* Assessment: You must write all 4 midterms to pass this course. Your final grade will be calculated as the best 3 midterms out of the 4. See the section Late Policy in case of missed midterm(s).
* Examination style: Questions are a mix of application and knowledge based on lecture material. There will be a review for each midterm.
* Access: Midterms are available through BrightSpace and will open at midnight and close at 11:59PM the following day (you have 24 hours to write the midterm).

**Important Dates**:

* Midterm 1: Sept 30 (Lecture 1 - 3)
* Midterm 2: Nov 4 (Lecture 4 - 6)
* Midterm 3: Nov 18 (Lecture 7 – 9)
* Midterm 4: Dec 2 (Lecture 10 – 11)

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**New withdrawal date**: The academic withdrawal date has been moved up from the last day of term to earlier in the term; this Fall it is November 15, 2022. Consult the Calendar website for the most updated information: <https://calendar.carleton.ca/academicyear>

**How to Succeed in CHEM 1004**

* Attend lectures.
* Take notes. Slide content will be elaborated on during lecture, key concepts will be highlighted in class that will be on the midterms.
* Communicate: If you need help on a concept, or have a question about the material, the TA(s) an e-mail! Try to keep the question brief and focused so we can answer them properly.
* More important dates and deadlines for the Fall 2022 term can be found [here](https://calendar.carleton.ca/academicyear/).

**Academic Integrity**

* Any suspected violation of [Carleton University’s Academic Integrity Policy](https://carleton.ca/registrar/academic-integrity/) will be reported to Chemistry Department.
* Midterms: Sharing answers during midterms is not allowed. Due to the online nature of the exam, I ask that you do not participate in a chatroom or in any way share/provide answers regarding any midterm in CHEM1004. This has occurred in the past- someone inevitably takes a screenshot of the chatroom (usually Discord) and reports it to the administration and/or prof (me). Everyone involved ends up in some sort of trouble. University is a time to make connections and learn skills that you will apply in the future. Doing something silly like this can compromise your academic future and can hurt your reputation (e.g., you may struggle to get a reference letter from a prof in the future if you have academic violations attached to you). Your reputation as a person is worth more than how many IG followers you have.
* **Tldr**: write the exam alone, don’t share answers with other students.
* Please reach out to me if you have any questions about Academic Integrity and read the [University’s Policy](https://carleton.ca/registrar/academic-integrity/).

**Late Policy**

* Life happens, and it has happened to me. It is best practice to email the professor (me) and tell them if you expect any delays in your ability to complete a midterm. I would much rather have a conversation before something happens instead of dealing with it after. You must complete the [self-declaration for Academic Accommodations form](https://carleton.ca/registrar/wp-content/uploads/self-declaration.pdf). Otherwise, the midterm will not be graded.
* Missing a midterm with documentation: If an individual misses a midterm and has provided documentation to account for their absence, they must still complete the remaining 3 midterms. I will then calculate the best 2 out of 3 midterms (or count each equally, whatever affords a higher grade) for that individual.
* Missing a midterm without documentation: If an individual misses one or more exams without documentation, I will successively subtract 25% for each missed midterm to the overall grade.

**Internet/Computers Policy**

* Not having access to the internet/electronic device will not be accepted as a valid reason for missing a midterm. Please contact Information Technology Services (ITS) Service Desk if you have any questions: <https://carleton.ca/its/>
* Carleton University MacOdrum Library also has computers available for students to use.

**Links**

* Academic Integrity: <https://carleton.ca/registrar/academic-integrity/>
* Academic Accommodations: <https://students.carleton.ca/course-outline/>
* Carleton Health and Counselling Services: <https://carleton.ca/health/>
* Carleton Information Technology Services: <https://carleton.ca/its/>
* Carleton Library: <https://library.carleton.ca/>
* Carleton VPN: <https://carleton.ca/its/help-centre/remote-access/>