

# MATH 477.001 - Topology - Fall 2020

## Instructor/Class Information

<b>Instructor</b>	Dr. Vince Guingona YR 357 vgingona@towson.edu
<b>Class Times</b>	Monday, Wednesday, and Friday, 9 - 9:50am
<b>Office Hours</b>	Monday and Wednesday, 2 - 3:30pm or by appointment

## Course Information

**Prerequisites.** MATH 267 and MATH 275.

**Course Description.** Basic concepts of point set topology, separation axioms, compact and connected spaces, product and quotient spaces, convergence, continuity and homeomorphisms.

**Course Objectives.** In this course, we cover the basics of topology, starting with topology on the real line and Euclidean space and developing general topology from there.

**Textbook.** *Principles of Topology*. Fred H. Croom. ISBN-13: 978-0-486-80154-4. ISBN-10: 0-486-80154-3. The textbook is *recommended, not required*. It can be purchased through [Amazon.com](https://www.amazon.com).

## Grading Policy

Your course grade will be based on the following assessments:

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	Homework	30%
	Two Midterm Exams	40%
	Final Exam	30%

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Percent	0-59%	60–66%	67-69%	70-76%	77–79%	80-82%	83-86%	87-89%	90-92%	93-100%
Grade	F	D	D+	C	C+	B–	B	B+	A–	A

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## Assessments

**Homework Assignments.** Eleven weekly homework assignments will be given throughout the semester. Each homework assignment will be posted on Friday evening (at 11:59pm) and due the following Friday evening (at 11:59pm). Each of these will account for 3% of your course grade and your lowest homework assignment will be dropped. Homework will be administered and collected through Blackboard under the *Homework* tab. The homework will pertain to the material covered in the week of its posting. Please feel free to work with other students on your homework assignment, but each student must submit their own homework assignment in their own words.

**Midterm Exams.** There will be two midterm exams administered throughout the semester; these will be *take-home exams*. They will be given in lieu of a homework assignment for the week and follow the same timeframe (Friday at 11:59pm to Friday at 11:59pm). Each of these exams will account for 20% of your course grade. Like the homework, they will be administered through Blackboard (under the *Exams* tab). Unlike the homework, students are not allowed to communicate with each other or anyone other than the instructor regarding the content of the exam. Exams will pertain to the material covered since the previous exam up until the posting of the exam.

**Final Exam.** The Final Exam will also be a *take-home exam* administered in the same manner as the midterm exams (given from Friday at 11:59pm to Friday at 11:59pm). This will account for 30% of your course grade. The Final Exam will pertain to the material covered throughout the semester.

## Other Policies

**Attendance.** As in all TU classes, regular class attendance is expected (virtually).

**Make-ups and Late Work.** Since you will have a full week to complete each assignment, late work will not be permitted. If you have a documented excuse for a large portion of the week in which an assignment is posted, I will work with you to find a reasonable alternative accommodation.

**Academic Integrity.** Exams are to be completed strictly individually using only the material provided by your instructor. Students are expected to be familiar with TU's [Student Academic Integrity Policy](#), especially the sections that define plagiarism, cheating and complicity (II.B–II.E) and describe the possible grade penalties (V.C).

**Accessibility and Disability Services (ADS):** This course is in compliance with Towson University policies for students with disabilities. Students with disabilities are encouraged to register with ADS at:

7720 York Road, Suite 232  
410-704-2638

Students who expect that they have a disability but do not have documentation are encouraged to contact ADS (see the ADS website) for advice on how to obtain appropriate evaluation. A memo from ADS authorizing your accommodation is needed before any accommodation can be made.

**Diversity.** In accordance with TU, FCSM, and departmental objectives, everyone in this course is expected to be respectful of each other without regard to race, class, linguistic background, religion, political beliefs, sex, gender identity or expression, sexual orientation, ethnicity, age, veterans status, or physical ability. If you feel that these expectations have not been met, please, contact Dr. Elizabeth Goode.