

Instructor: Dr. Hung P. Tong-Viet  
Office: WH 108  
Office Hours: MW 11 : 00 – 12 : 30 pm and by appointment.  
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Course webpage: <http://people.math.binghamton.edu/tongviet/Math525.html>

**Textbook** Abstract Algebra by David S. Dummit and Richard M. Foote. Wiley & Sons, Inc. 3rd edition, 2003.

**Prerequisite** MATH 503 or consent of department.

**Course Content** This is the second course in the algebra sequence. Topics covered include rings, Euclidean domains, Principal Ideal Domains, Unique Factorization Domains, polynomial rings, modules over PIDs, tensor products, projective, injective and flat modules, semisimple rings.

**Exams** There will be one midterm exam and one final exam. The midterm exam is tentatively scheduled for **Monday, October 18**.

Date and time for the final exam will be announced when it is available. Please check the official Final Exam Schedule.

**Exam Make-up Policy** If you miss an exam because of an approved university absence, you may place the weight of the exam on the final exam or you may take a make-up exam. All other absences will result in a zero score. Exams should be made up within one week.

**Homework** Homework will be assigned on a weekly basis and will be collected on **Wednesdays**. You are allowed to collaborate with others but you must turn in your own work. Collaborative work should be explicitly acknowledged in the handed-in homework. No late homework will be accepted. Outside references for material used in the solution of homework should be fully disclosed. References to results from the textbook and/or class notes should also be included. Students will be expected to put homework problems up on the board on a regular basis.

**Quizzes** There will be pop-up quizzes. There is no make-up quiz but I will drop some of your lowest score quizzes at the end of the semester.

**Attendance and Class Participation** You are expected to be in class each day either online or in person. If missing a class is unavoidable, you are responsible for all material covered and all announcement and assignments made during your absence. Excessive absences will lower your course grade.

Students are also expected to complete assigned reading and to participate in class discussions. Students may be expected to put homework problems up on the board on a regular basis and do presentation on chosen topics.

**Grading Scheme**

Midterm	30%
Homework	30%
Quizzes/Presentations	10%
Final exam	30%

**Academic Honesty** Students are asked to practice extra care and attention in regard to academic honesty, with the understanding that all cases of plagiarism, cheating, multiple submission, and unauthorized collaboration are subject to penalty. Students must properly cite and attribute all sources used for papers and assignments. Students may not collaborate on exams or assignments, directly or through virtual consultation, unless the instructor gives specific permission to do so. **Posting an exam, assignment, or answers to them on an online forum (before, during, or after the due date), in addition to consulting posted materials, constitutes a violation of the university's Honesty policy. Likewise, unauthorized use of live assistance websites, including seeking "expert" help for specific questions during an exam, can be construed as a violation of the honesty policy.** All students should be familiar with the University's Student Academic Honesty Code

### Important Dates

- Add/Drop deadline: **Thursday, September 9, 2021**
- Withdrawal deadline: **Wednesday, November 10, 2021**

### Disability-related Equal Access Accommodations

Students needing accommodations to ensure their equitable access and participation in this course should register with Services for Students with Disabilities (SSD) office as soon as they're aware of their need for such arrangements. Please visit the SSD website ([www.binghamton.edu/ssd](http://www.binghamton.edu/ssd)) for more detailed information. The office is located in the University Union, room 119.

For students already registered with SSD, please make an appointment to meet and discuss the implementation of your authorized accommodations.

### University policies concerning in-person classes

Binghamton University follows the recommendations of public health experts to protect the health of students, faculty, staff and the community at large. Safeguarding public health depends on each of us strictly following requirements as they are instituted and for as long as they remain in force. Health and safety standards will be enforced in this course.

- **Face coverings and other safety measures**
  - Current rules require everyone to wear a face covering that completely covers both the nose and mouth while indoors (unless they are eating or alone in a private space like an office). A face shield is not an acceptable substitute. Classroom safety requirements will continue to be based on guidance from public health authorities and will be uniformly applied across campus. If these requirements change, a campus-wide announcement will be made to inform the University.

- If you forget your face covering or it does not meet these requirements, you will be asked to leave the room immediately. You may not return until you meet the requirement.
- If the student misses a graded assessment due to being asked to leave the classroom for not having a proper face covering. The student will receive a zero on the assignment.
- Failure to comply with these requirements constitutes a public health risk to everyone in the learning environment and disrupts the class.
- If a student does not comply with the requirements and refuses to wear their face covering properly or to leave the classroom when directed, or to follow instructions for reseating when directed by the instructor, the instructor will immediately cancel the remainder of the class session and inform the dean's office, which will work with the Student Records office to issue a failing grade (F) for the course regardless of when in the semester the incident occurs. The dean's office will also inform the Office of Student Conduct.
- If a student's refusal to comply is a second offense, the Office of Student Conduct may recommend dismissal from the University.
- If the rules for health and safety measures change, the campus will be notified and the new requirements will take effect.

- **Student Illness/quarantine**

If you become ill or are asked to go into quarantine/isolation, you are not allowed to attend class in person. You should immediately notify the instructor to make other arrangement. Further information on COVID-19 symptoms and next steps are available here: [Health](#). Students who exhibit symptoms should call the Decker Student Health Services Center at 607 – 777 – 2221 first.