

COURSE: Math 331 - ABSTRACT ALGEBRA

TEXT: HILLMAN & ALEXANDERSON
ABSTRACT ALGEBRA - A First Undergraduate Course, Fifth Edition

INSTRUCTOR: Dr. Merv Newton
OFFICE: AC-131
OFFICE HOURS: M, T, W, F 9:00 - 11:55 A.M.
Th 3:00 - 5:00 P.M.
Or by appointment

PHONE: O - 724-589-2035
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GRADING:
Homework 20%
Class participation 20%
Presentations 20%
Test 1 (October 13) 20%
Test 2 (December 15, 1:00 PM) 20%

It is the policy of Thiel College and its educational programs not to discriminate against qualified students with documented disabilities. Students desiring accommodation for a disability are responsible for providing evidence from a qualified professional confirming the disability and identifying appropriate interventions. This evidence should be taken to the Office for Students with Special Needs before the end of the second week of the semester. The Coordinator of the Office for Students with Special Needs will develop a letter of accommodation to be sent to course instructors and other appropriate offices.

If documentation is already on file, students with disabilities are responsible for visiting the Office for Students with Special Needs to set up accommodations for **EACH** semester. They are also responsible for talking to their professors about their needs during the first two weeks of classes **EACH** semester.

Homework is due at the beginning of class on the date indicated. Papers will be graded on the basis of 10 points per problem. Proper English, clarity, and neatness are important and will be part of the grade. Problems which are not turned in at the beginning of class on the day they are due will be accepted as late at the beginning of the next class (**AND NO SOONER**), but can earn a maximum of 8 points.

NOTE: Whenever section 1 of a new chapter is due, the introduction to that chapter is also to be read.

| DATE | Read Section | PROBLEMS |
|------|-----------------|--|
| 8/30 | ix/xi(in class) | |
| 9/1 | 1.1 | 2, 4, 6, 14 (Due 9/1) 8, 10,12 16, 18, 20 (Due 9/3) |
| 9/3 | 1.2 | 4 (Due 9/3) 8, 12, 14, 16, 18, 22(a,b) (Due 9/6) |
| 9/6 | 1.3 | 2 (Due 9/6) 4, 6, 8, 10, 12, 18, 20, 22 (Due 9/8) |
| 9/8 | 1.4 | 2, 4, 6 (Due 9/8) 8, 12, 14, 18, 30, 32 (Due 9/10) |
| 9/10 | 1.5 | |
| 9/13 | 1.6 | 1, 2 (Due 9/13) 4, 6, 9, 16 (Due 9/15) |
| 9/15 | 1.7 | 2, 12 (Due 9/15) 4, 5, 6, 7, 8 (Due 9/17) 10(a), 26 (Due 9/20) |
| 9/17 | 1.8 | 2 (Due 9/17) 4, 6, 10, 12, 14 (Due 9/20) |
| 9/20 | CRP | |
| 9/22 | 2.1 | 2, 4 (Due 9/22) 6, 8, 12, 14, 16, 18 (Due 9/24) |
| 9/24 | 2.2 | 2, 6 (Due 9/24) 8, 10, 11, 12 (Due 9/27) |
| 9/27 | 2.3 | 2, 4 (Due 9/27) 6, 10, 14 (Due 9/29) |
| 9/29 | 2.4 | 2 (Due 9/29) 4, 6, 8, 10, 24 (Due 10/1) |

| DATE | Read Section | PROBLEMS |
|-------|--------------|--|
| 10/1 | 2.5 | 2, 4 (Due 10/1) 10, 18, 23, 24 (Due 10/4) |
| 10/4 | 2.6 | 2, 4 (Due 10/4) 14 (Due 10/6) 12, 24 (Due 10/8) |
| 10/6 | 2.7 | 1, 2, 4 (Due 10/6) 6, 10, 18, 23, 24 (Due 10/8) |
| 10/8 | CRP | |
| 10/11 | REVIEW | |
| 10/13 | TEST 1 | |
| 10/15 | 2.8 | 2, 4 (Due 10/15) 10, 12, 14 (Due 10/18) |
| 10/18 | 2.9 | 2, 4 (Due 10/18) 6, 8 (Due 10/20) |
| 10/20 | 2.10 | 2, 8 (Due 10/20) 13, 14, ⁶ 16, ² 22 (Due 10/22) |
| 10/22 | 2.11 | 2 (Due 10/22) 4, 8, (Due 10/27) 6, 20 (Due 10/29) |
| 10/27 | 2.12 | 1, 2, 4 (Due 10/27) 10, 12, 14 (Due 10/29) |
| 10/29 | CRP | |
| 11/1 | 3.1 | 2, 4 (Due 11/1) 6, 8, 10, 14 (Due 11/3) |
| 11/3 | 3.2 | 2, 4 (Due 11/3) 8, 12, 18 (Due 11/5) |
| 11/5 | 3.3 | 2 (Due 11/5) 4, 6, 8, 12 (Due 11/8) |

| DATE | Read Section | PROBLEMS |
|-------|--------------|---|
| 11/8 | 4.1 | 2 (Due 11/8) 12, 14, 6, 31 (Due 11/10) |
| 11/10 | 4.2 | 2, 6 (Due 11/10) 8, 14, 22, 24 (Due 11/12) 28, 41 (Due 11/15) |
| 11/12 | 4.3 | 2 (Due 11/12) 8, 12, 14, 18 (Due 11/15) |
| 11/15 | CRP | |
| 11/17 | 4.4 | 2, 4 (Due 11/17) 8, 12, 16 (Due 11/19) |
| 11/19 | 4.5 | 2, 4 (Due 11/19) 6, 7, 8, 10 (Due 11/22) |
| 11/22 | 5.1 | 2, 4 (Due 11/22) 6, 13, 14 (Due 11/29) |
| 11/29 | 5.2 | 2, 4 (Due 11/29) 6, 8, 16 (Due 12/1) |
| 12/1 | 5.3 | 2 (Due 12/1) 4, 6, 12, 18 (Due 12/3) |
| 12/3 | 5.4 | 2 (Due 12/3) 8 (Due 12/6) 4, 12 (Due 12/8) |
| 12/6 | 5.5 | 2, 4, 8 (Due 12/6) 14, 20, 22 (Due 12/8) |
| 12/8 | CRP | |
| 12/10 | REVIEW | |
| 12/15 | TEST 2 | |

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