

**MATH 201 Course Schedule
Fall 2008, Four Days/WeekSections**

Week 1

Introduction of course syllabus and course materials

Answers and Hints for Learning Exercises are on pages A-1 to A-96.

Announcement of Computational Assessment, which will be given on the Monday of Week 3. In preparation for the Computational Assessment, review Appendix A, A Review of Some “Rules,” on pages APP-1 to APP-12.

Download a copy of the Practice Computational Assessment from the course web page.

Section 12.3, Section 13.4, and Learning Exercises for Section 13.4 #2, 3

Section 15.1 page 341 through Activity 2 (exclude Think About... on page 344); include the paragraph after the Think About...; exclude the remainder of the section except Take-Away Message on p. 348; and Learning Exercises for Section 15.1 #5 (parts a, b), 23

Quiz 1

Assignments:

Read pages *vii-xi*

Learning Exercises for Section 12.3 #1, 3, 4, 5 and 12.5 Check Yourself #4, 5, 6

Learning Exercises for Section 13.4 #1, 6, 7, 8 and 13.6 Check Yourself # 2, 3, 4, 5, 6

Learning Exercises for Section 15.1 #1, 2, 3 (parts a, b), 4 (part h), 5 (parts c, d, e), and 15.4 Check Yourself #1-5

In Section 16.2 on page 369, and complete Activity 3 (preliminary homework activity) using the nets in Appendix G labeled A through G, I, N, and O at the back of the module. The polyhedra you construct and a container to hold them are due next week. *Note: This is a class requirement. (It is not optional.)*

Week 2

Labor Day (no classes)

Thoroughly discuss assignments for Section 15.1

Section 16.1, and Section 16.2

Section 17.1, Learning Exercises for Section 17.1 #11, 12

Quiz 2

Assignments:

Learning Exercises for Section 16.1 #1-6

Learning Exercises for Section 16.2 #1, 2, 6, 7, 9, 13 and 16.7 Check Yourself #1-5

Read pages 395–400. **Study the definitions for all terms.**

Learning Exercises for Section 17.1 #1, 2, 5 (part a), 6, 14, 15, 20, 21

Reminder: Computational Assessment will be given on Monday next week.

Week 3

Computational Assessment (1/2 hour maximum)

Section 17.2, Section 17.3 and Learning Exercises for Section 17.3 #1, 2

Quiz 3

Assignments on next page

Assignments:

Learning Exercises for Section 17.2 #1, 2, 4

Read pages 410–415. **Study the definitions for all terms.**

Learning Exercises for Section 17.3 #3 (parts c, d, e), 6, 7 (part a) and 17.5 Check Yourself #1-8, 12

Read pages 525-530 and pages 535-540

Read Appendix F: “How to Measure Angle Size with a Protractor” on pages APP-23 and APP-24

Note: Bring a protractor and a metric ruler to class next week.

Reminder: Begin studying for the Exam 1, which will be given next Friday.

Week 4

Section 23.1, Learning Exercises for 23.1 #1, 2, 6, 7, 12, 16

Section 23.2 and Learning Exercises for Section 23.2 #1, 2, 5, 6 (parts a-d), 9, 12, 13, 14, 21, 22, 23

Exam 1

Assignments:

Learning Exercises for Section 23.1 #5, 11, 15, 18, 22

Learning Exercises for Section 23.2 #1 (parts a, b, c), 2, 12, 21, 24 (first diagram), 25 (parts b, c, e, f), 30, 35, 39 and 23.3 Check Yourself, all items

Note: Bring a calculator to the next class session.

Week 5

Section 24.1 (Exclude Discussion 4), Learning Exercises for Section 24.1 #11, 12 (parts a, b, g–j)

Section 24.2 (Exclude Discussion 7 and Examples 3 and 4) and Learning Exercises for Section 24.2 #14 (part a), 17 and begin Section 25.1 (exclude sphere)

Quiz 4

Assignments:

Learning Exercises for Section 24.1 #3, 6, 7, 12 (exclude part i), 16, 17, 21, 26, 28

Learning Exercises for Section 24.2 #1, 2, 3, 13, 14 (parts b and c), and 24.4 Check Yourself, all items

Week 6

Learning Exercises for Section 25.1 #5, 16 (part a) #18 (parts a, c, e, g, *iii* for c, e, g), 19 and Section 25.2 (Exclude sphere)

Section 26.1, Learning Exercises for Section 26.1 #1, 2, 14

Section 2.1, Section 2.2, and Learning Exercises for Section 2.2 #1

Quiz 5

Assignments:

Learning Exercises for Section 25.1 #1, 2, 10, 13, 14, 15, 16 (part b), 18 (parts b, d, h)

Learning Exercises for Section 25.2 #1, 2, 5 (parts a, c) and 25.3 Check Yourself, all items

Learning Exercises for Section 26.1 #3, 8, 10, 18 and 26.3 Check Yourself, #1, 4

Learning Exercises for Section 2.1 #1, 2, 4, 5, 6

Learning Exercises for Section 2.2 #2, 3, 4, 5, 7, 8, 9

In Appendix G, make a copy of the base four materials, cut them out, and put them in a zip lock bag. Label the bag “Base four.” Do the same for base five and base ten pieces. These materials will be used in Section 2.4.

Note: This is a class requirement. (It is not optional.)

Week 7

Section 2.3 (Exclude Activity 4) and Section 2.4

Section 3.2 (Exclude Activity 4 and Discussion 1) and Section 3.4 (Exclude Activity 9, but include the discussion of the commutative property)

Quiz 6

Assignments:

Learning Exercises for Section 2.3 #2, 3 (parts a, b, c), 5 (parts a, b), 9, 16, 17 (part b), 18 (parts a, c)

Learning Exercises for Section 2.4 #2 (parts a, c, d), 4 (part a), 5 (part c), 6, 7 (parts a, b), 8 (parts a, b)

2.6 Check Yourself #2, 4, 6, 7, 8

Learning Exercises for Section 3.2 #2 (part a), 3 Assignment: Learning Exercises for Section 3.4 #1, 3, 4, 5, 8, 9, 10

Learning Exercises for Section 3.4 #1, 3, 4, 5, 8, 9, 10

Reminder: Exam 2 will be given on Friday next week.

Week 8

Section 3.5 and Section 4.1

Chapter 6 introduction, Section 6.1, and Learning Exercises for Section 6.1 #22

Exam 2

Assignments:

Learning Exercises for Section 3.5 #2, 4, 6, 10 and 3.8 Check Yourself #4, 7

Learning Exercises for Section 4.1 #1 (parts a, b), 5 and 4.3 Check Yourself #1, 2

Learning Exercises for Section 6.1 #2, 3, 8, 10 (part a), 11, 13, 19, 21

Week 9

Section 6.2, Section 6.3, Section 6.4, Learning Exercises for Section 6.4 #5, 12, 17, and Section 7.1

Quiz 7

Assignments:

Learning Exercises for Section 6.2 #1, 5 (parts a-d), 6, 8, 10

Learning Exercises for Section 6.3 #1, 2 (parts a-e), 3, 4 (parts a-c), 8, 9, 10 (parts a, b), 11, 12

Learning Exercises for Section 6.4 #1-4, 6, 9-12, 16, 17 and 6.6 Check Yourself, all items

Learning Exercises for Section 7.1 #2, 3, 8, 10, 15, 16

Week 10

Section 7.2, Learning Exercises for Section 7.2 #8, 9, and Section 7.3

Section 9.2 (Exclude Activity 3) and Learning Exercises for Section 9.2 #16-19

Quiz 8

Assignments:

Learning Exercises for Section 7.2 #1, 2, 5, 6, 12, 14, 15 (parts a, b), 18

Learning Exercises for Section 7.3 #1, 4, 5, 6, 7, 11, 13, 14 (exclude part d) and 7.5 Check Yourself, all items

Learning Exercises for Section 9.2 #1, 2 (parts a, b), 5, 8, 9, 11, 12, 13, 20, 21

Week 11

Section 9.3 and Learning Exercises for Section 9.3 #5, 6, 8, 11, 15

Section 10.1 and begin Section 10.2

Quiz 9

Assignments:

Learning Exercises for Section 9.3 #1, 2, 4 (parts a, b, c), 9, 14, 16, 20, 21 and 9.6 Check Yourself #1, 3, 4-9, 11

Learning Exercises for Section 10.1 #1, 2, 4, 6, 7, 9, 10

Reminder: Exam 3 will be given at the end of next week.

Week 12

Section 10.2 and Section 10.3

Exam 3

Assignments:

Learning Exercises for Section 10.2 #2, 3

Learning Exercises for Section 10.3 #3, 4, 7, 8 and 10.6 Check Yourself #1-6, 8

Download the lessons on *Chance and Data* from the course web page and bring to class next week.

Week 13

Chance and Data Lessons (To Be Announced)

Quiz 10

Assignment: *(To Be Announced)*

Week 14

Chance and Data Lessons (To Be Announced)

Thanksgiving Break

Quiz 10

Assignment: *(To Be Announced)*

Week 15

Chance and Data Lesson (To Be Announced)

Review for Final Exam

Assignment: *(To Be Announced)*

Final Exam is on Wednesday, December 10 from 8-9:50 PM

Location to be announced