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Mathematics 107, sec 06: Algebra for PreCalculus, Spring 2019

Prereq: Math 095 or suitable placement score

Text: Elementary and Intermediate Algebra, 5e, Tussy and Gustafson, ISBN: 978-1-111-56768-2.

Final Exam: Review: Wednesday, May 8. Final Exam: Monday, May 13, 5-7pm, SCI A201.

Course Description:

Factoring and simplifying rational expressions, interval notation, solving absolute value equations, linear inequalities, rules of exponents and logs, solving exponential equations, functional notation, evaluation of functions and graphs.

MoWe 6:00PM - 7:50PM

Science Building (SCI) A201

George Adams

March 25 – May 13

Office Hours:

5:30-5:50pm SCI A201, prior to class

7:45-8:15pm SCI A201, after class

By arrangement

Help: Everyone needs help at some point! The key is to get it right away!

- ask questions in class
- ask questions during office hours
- communicate via email
- use the Math Pad (CCC302), TLC Drop In (DUC 205), Math Room SCI A113A, or schedule individual tutoring (TLC 018)

You should be fully aware of your rights and responsibilities as a UWSP student. These are detailed in the UWSP Community Bill of Rights and Responsibilities found at

<http://www.uwsp.edu/stuaffairs/assessment/Pages/deptAssessment/rightsRespons.aspx> .

In particular, this site includes links to the UWSP Student Academic Disciplinary Procedures,

<http://www.uwsp.edu/dos/Pages/Academic-Misconduct.aspx>

and to the Non-Academic Standards and Disciplinary Procedures.

<http://www.uwsp.edu/dos/Pages/Information%20for%20Students.aspx>.

Information regarding Section 504 of the Rehabilitation Act or the Americans with Disabilities Act can be found at the UWSP Disability and Assistive Technology Center site. To request any accommodations relevant to this class, you should first discuss the matter first with the staff at the Center.

<http://www.uwsp.edu/disability/Pages/toQualifyForDisabilityServices.aspx> .

Attendance: You are expected to attend every class. If you are absent for a legitimate reason, please contact me as soon as possible at: gadams@uwsp.edu .
Arrange for someone to take notes for you if you miss class.
Late work and make up quizzes/exams will only be allowed in exceptional and prearranged circumstances.

Grading: 90% = A, 80% = B, 70% = C, 60% = D

There are:

2 Quizzes (15% each)

Daily HW (30%)

1 Final Exam (40%)

Homework: Most HW will be completed using webassign and must be completed by the assigned due date. Some HW will consist of in-class activities. There will also be book HW(see the calendar). If you do not have webassign from Math 095, please see me to discuss HW options.

Quizzes and Exams could be multiple choice or short answer problems.

Calculators Recommended: TI - 30 - XS Multiview, TI - 30 - XIIS, TI 84+ Silver, or appropriate app. In general, non-algebra system, two line display calculators are recommended and encouraged on most activities. Wireless transmission devices are not allowed on any exams. i.e. you can't use your phone, ipad, or computer on an exam.

"In any moment of decision, the best thing you can do is the right thing, the next best thing is the wrong thing, and the worst thing you can do is nothing"

- Theodore Roosevelt

Textbook Information:

Preliminary Information: Chapter 8.1 – 8.5: Solving equations and inequalities

Exponents: Chapter 5.1-5.3, 9.2

Factoring and Simplifying: Chapter 6.1, 8.6-8.7, 7.1-7.7

Functions: 8.2-8.3

Exponential and Logarithmic Functions: 11.1-11.7

Math 107

Mon Mar 25, 2019

6pm Math 095 Review, 8.4, 8.5

Calendar: Math 107

Created by: George Adams

Description:

Math 095 Review: (WebAssign) 8.4:

25,27,33,35,37,39,45,47,49,53,55,57,59,65,71 8.5: 23,29,35,43,49,57,65,75,81,83,91

Wed Mar 27, 2019

6pm 5.1, 5.2, 9.2

Calendar: Math 107

Created by: George Adams

Description:

5.1: 20,29,37,45,48,55,63,71,78,82,86,88,91,96,99,106,107,108 . 5.2:

17,29,30,33,43,48,49,54,62,70,74,78,86,89,94,105,111-114 . 9.2:

30,38,44,46,52,56,64,68,74,78,84,86,102,110,112,122,124,130

Mon Apr 1, 2019

6pm 6.1, 8.6, 8.7

Calendar: Math 107

Created by: George Adams

Description:

6.1: 20,26,38,44,50,73,83,84,93,94,95,98,99,101,107,121 . 8.6:

19,36,40,47,48,51,52,56,57,63,66,75,79,87,96,113 . 8.7: 9,11,21,29,33,55,58,65,69,99

Wed Apr 3, 2019

6pm 7.1, 7.2

Calendar: Math 107

Created by: George Adams

Description:

7.1: 12,18,24,28,44,45,48,51,56,58,59,60,64,95,96 . 7.2:

12,19,23,30,40,49,54,58,68,72,75,96

Mon Apr 8, 2019

6pm Computer Lab, Quiz

Calendar: Math 107

Created by: George Adams

Wed Apr 10, 2019

6pm 7.3, 7.4

Calendar: Math 107

Created by: George Adams

Description:

7.3:14,16,20,21,24,26,30,33,34,77,80,87 . 7.4: 11-

14,16,18,22,31,32,38,39,44,59,63,79

Mon Apr 15, 2019

6pm 7.5, 7.6

Calendar: Math 107

Created by: George Adams

Description:

7.5:9-14,21,22,29,33,37,41,45,49,63 . 7.6:

23,25,32,33,44,46,47,48,55,56,64,77,89

Math 107

Wed Apr 17, 2019

6pm 8.2, 8.3

Calendar: Math 107

Created by: George Adams

Description:

8.2:20,23,25,26,36-38,45,46,56,57,72,73,98,100,101,104 . 8.3:
17,19,20,22,24,65,66,69-74

Mon Apr 22, 2019

6pm 11.1, 11.2

Calendar: Math 107

Created by: George Adams

Description:

11.1:13,14,17,18,37,38,45,50,54,59,63,64 . 11.2:19,20,23,24,27-
30,36,38,40,42,46,55,56

Wed Apr 24, 2019

6pm 11.3, 11.4

Calendar: Math 107

Created by: George Adams

Description:

11.3:39,40,41,43,44,46,47,53,54 . 11.4:23,24,26,28,32,39-44,51-54,59-62,75-
78,87-94

Mon Apr 29, 2019

6pm Computer Lab Activity, Quiz

Calendar: Math 107

Created by: George Adams

Wed May 1, 2019

6pm 11.5

Calendar: Math 107

Created by: George Adams

Description: 11.5: 33,38,41-48,53,54,61,62,73,74,77 .

Mon May 6, 2019

6pm 11.6, 11.7

Calendar: Math 107

Created by: George Adams

Description:

11.6:19-24,31,32,39,40,44,52,62,75,95-98 . 11.7:
22,23,25,26,29,30,33,34,39,40,50,52,53,54,61,68

Wed May 8, 2019

6pm Review

Calendar: Math 107

Created by: George Adams

Mon May 13, 2019

5pm Final Exam, 5-7pm

Calendar: Math 107

Created by: George Adams