

Math 2020-01 Math for Elem. Teachers II (CRN 24195) Spring 2010
MW 1~2:15 PM, NIB 150 (3 Credits)

INSTRUCTOR: Dr. Clare Banks, banks@dixie.edu Office: NIB 138 Phone: 652-7982
Office Hours: MTRF 10 ~10:50 AM, W 9~11:50 AM

REQUIRED : Musser, G., Burger, W., & Peterson, B.(2008), *Mathematics for*
TEXT *Elementary Teachers* (8th ed.) John Wiley & Sons, Inc.

COURSE Course description from catalog, course objective, and course
INFO: outcomes for math 2020 course can be found on the math department
website:
http://new.dixie.edu/math/math_2020.php

PREREQUISITIES: C or better in Math 2010

CALCULATOR: A scientific calculator is recommended.

GRADING POLICY/SCALE: The course grade and weights are given below.

		<u>Percent</u>	<u>Percent</u>
Homework	10%	94-100 = A	66-69 = D+
Tutoring Log	5%	90-93 = A-	60-65 = D
Research paper	10%	87-89 = B+	55-59 = D-
Participation	5%	83-86 = B	< 55 = F
Four Midterm Exams	55%	80-82 = B-	
Final Exam	15%	77-79 = C+	
		72-76 = C	
		69-71 = C-	

DISABILITIES: If you are a student with a documented physical or mental impairment that will substantially limit a major life activity, please contact the Disability Resource Center on the main campus. The Center Coordinator and staff will assist you in analyzing your eligibility for services. If you are deemed eligible, reasonable accommodations that are appropriate for your disability will be assigned. If you have any questions concerning this process, please contact the Center at 652-7516; we are located in the Student Services Center, Room #201 of the Edith Whitehead Building.

DMAIL: Important class and college information will be sent to your Dmail email account. This information includes your DSC bill, financial aid/scholarship notices, and notification of dropped classes, reminders of important dates and events, and other information critical to your success in this class and at DSC. All DSC students are automatically assigned a Dmail email account. If you don't know your user name and password, go to www.dixie.edu and select "Dmail," for complete instructions. You will be held responsible for information sent to your Dmail email, so please check it often.

IMPORTANT DATES: Please see <http://new.dixie.edu/reg/?page=spring2010> for important dates

CHEATING AND Cheating and disruptive behavior will not be tolerated. Dixie State College
DISRUPTIVE policy on Academic Dishonesty is explained on the website
BEHAVIOR <http://www.dixie.edu/humanres/policy/sec3/334.html>

Policy for Absences Related to College Functions:
<http://www.dixie.edu/humanres/policy/sec5/523.html>

HELP: I am available during my office hours and by appointment. Browning Resource Center also has tutors available.

SUCCESS: To be successful in this course, follow these guidelines: 1) read before class, 2) attend all classes, 3) do all homework, 4) study each day – do lots of practice problems, 5) seek help immediately if you are lost, 6) have fun with it!

ASSIGNMENTS:

1. Homework

Doing your homework will prepare you for the exams. Understanding how to solve the homework problems is crucial to success in this class. You are permitted to hand in late homework 2 times. Please save this privilege for when you are ill or for when an emergency arises. Late homework will in no way be accepted 1 week or more past the due date. Clearly label your homework with chapter and section number. Start each section with a clean page.

2. Tutoring Log

You are required to tutor local elementary and/or middle school students in mathematics during the semester for a total of 15 hours. It is your responsibility to make arrangements to do these tutoring sessions. You will need to turn in a tutoring log for each hour you tutor.

3. Research Paper/Presentation

You will need to write a research paper based on the tutoring done. You will have to present your paper to the class at the end of the semester. Details will be provided during the 2nd week of the semester.

4. Examinations

There will be four in-class exams as well as a comprehensive final exam.

5. Attendance/Participation

Students missing no more than two classes (excused or unexcused) can replace their lowest exam score with the score they receive on their final exam.

Group activities will be held at the end of each class period. Ten activity sheets will be collected for credit. You will not know when. The collected sheets will earn you your activity points. If you leave class early and your group members need to finish up the work for you, you will not receive the activity points. Missed in-class work and activities cannot be made up.

Week and Topic

Dates	Topic	Homework	Homework Due
Jan 11	8-1	1~5, 7~9, 13~15, 19, 25	
Jan 13	8-2	1~8, 10~18, 22, 35	
Jan 18	No School		
Jan 20	9-1	1~11, 14, 16~20	8-1, 8-2
Jan 25	9-2	1~6, 18, 19, 23, 36, 32, 40	9-1
Jan 27	10-1	2~4, 7~10, 13~19odds, 22, 24, 25	
Feb 1	Exam I		9-2, 10-1
Feb 3	11-1	1~3, 5, 7, 10, 11, 15~17	5 tutoring log
Feb 8	11-2	2, 3, 6, 9, 14, 15, 16ab	11-1
Feb 10	11-3	6, 7~12, 14, 20, 27, 28	Research Topic
Feb 15	No School		
Feb 17	12-1	1~16	11-2, 11-3
Feb 22	12-2	1~16	12-1
Feb 24	12-3	1~18	Reference I
Mar 1	Exam II		12-2, 12-3
Mar 3	12-4	1~18	5 tutoring log
Mar 8	No School		
Mar 10	No School		
Mar 15	12-5	1~19	Reference II, 12-4
Mar 17	13-1	4~11, 17, 21, 31	
Mar 22	13-2	5, 9, 10, 11, 23, 28	12-5, 13-1
Mar 24	13-3	1, 2, 9, 10	
Mar 29	13-4	5, 21, 23	13-2, 13-3
Mar 31	Exam III		13-4
Apr 5	14-1	2, 10, 12, 16, 17	
Apr 7	14-2	1~6, 12, 13	5 tutoring log
Apr 12	16-1	1, 3~5, 10~20	14-1, 14-2
Apr 14	16-2	11~14, 22	Reference III
Apr 19	16-3		16-1, 16-2
Apr 21	Exam IV		16-3
Apr 26	Presentation		
Apr 28	Presentation		Research Paper
May 3	Final Exam <i>12~2 pm</i>		

The instructor reserves the right to change any of the information on the syllabus.