

Dixie State University

<http://www.dixie.edu>

Syllabus for Transitional Mathematics I (3.0 credits)

CRN **20997** Math 0900-50 Spring 2019

This course does not count toward overall credits earned for graduation, nor does it fill general education requirements; however, this course counts for financial aid and activity eligibility purposes, and the final grade contributes to the student's cumulative GPA.

Instructor: **Tye Rogers**
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Class Time: **5:15-6:55 T Th**
Classrooms: **5:15-6:05: SNOW 144**
6:10-6:55: SNOW 145

Date Range: **January 7th – May 3rd, 2019**

Office hours: **T Th 4-5:00 PM**

Course Objectives:

All classes in mathematics at Dixie State University support the general education goal of the college. Each class will:

- Require students to perform mathematical processes including whole numbers, fractions, percentages, decimals, proportions/ratios, integers, and algebraic equations.
- Provide students with application problems that use a variety of methods including arithmetical, algebraic and geometric methods.
- Challenge students to make inferences from mathematical models that include formulas, graphs and tables.
- Provide students with real-life applications that use a variety of mathematical processes.

Upon successful completion of Math 0900, a student will demonstrate through testing the ability to:

1. Perform arithmetical operations on whole numbers, fractions, decimals, and signed numbers without a calculator.
2. Perform mathematical processes with percentages and use them in real-life applications.
3. Use variables to represent unknown numbers.
4. Identify geometric figures.
5. Identify geometric formulas and apply them to angles, perimeters, areas, and volumes.
6. Use the mathematical processes of whole numbers, fractions, decimals, percentages, signed numbers, proportions/ratios, and algebraic equations with problems solving skills in real-life modeling exercises.
7. Graph linear equations in two variables by plotting points.

Class Structure: This section will have an extensive computer based component. This means all homework, reviews, and tests will be done, checked and submitted to the instructor through a computer program called MyMathLab (MML) which is embedded in Canvas. *You will need access to a computer with internet for daily assignments.* Computer labs on campus are available to those students who do not have Internet access. *Access to the required digital course materials will be provided through Canvas and BILLED to your MYDIXIE ACCOUNT. If you are retaking this class, and you previously purchased the access code within the past year, please email Claudia West at west_c@dixie.edu to OPT OUT. In the subject line, write OPT OUT to request a refund. Once your request has been verified, your MYDIXIE ACCOUNT will be refunded. If a student drops their class after the first three weeks, they are not given a refund!*

Prerequisite: None

eTextbook and Other Expenses: Software based on the textbook **Basic College Mathematics with Early Integers 2/e** by Martin-Gay (textbook not required) but you will be charged for MML (This is done through your MYDIXIE ACCOUNT . Cost approx \$95) and for course fee \$35. A non-graphing scientific calculator (\$8-\$20) is recommended; however, you may use the MML calculator on the computer.

Catalog Description: Designed for students with an ACT Math score of 12 or lower or for students needing to learn or review basic mathematics skills. Covers operations on whole numbers, fractions, decimals, percents with applications, ratios and proportions, signed numbers, linear equations with applications, positive integral exponents, geometry, and polynomials. Graphing and polynomial factoring will be introduced. Successful completers (Grade C or higher) will be prepared to enroll in MATH 1000. Course fee required. FA, SP, SU 3.000 Credit hrs 1.000 Lecture hrs 4.000 Lab hrs

Calculators: A non-graphing scientific calculator is recommended and will be allowed only on certain tests (Chapters 5-8 and half of the Final Exam). Graphing Calculators, Cell phones, iPads, etc., may not be used as calculators on tests.

Attendance: You are required to attend class every day during your scheduled class time. **You will also be required to attend the eLab for 1 hour a week as part of your attendance.** The eLab is located in the basement of the Snow building Attendance is mandatory and worth 10% of your overall grade! You are responsible for making sure your instructor records your attendance each day.

Homework: Assignments are to be completed in MML. Due dates are posted in MML and at the end of the syllabus.

- To receive full credit, homework must be completed by the due date. Partial credit will be given for any problems/assignments completed after the due date.
- You must score a minimum of 80% on your homework assignments in order to access the retake test for those sections.
- You get three attempts to get a problem correct. If after the third attempt you still have not gotten the problem correct, you may request a similar problem to be generated and graded by clicking on the “Similar Exercise” button at the bottom of the homework window. You are encouraged to repeat homework problems and obtain a perfect score before the recommended due date.
- If you do not know how to solve a problem, you may select the “Help Me Solve This”, “View an Example”, or other help features in the right hand menu in the MML homework window. If you need further assistance, contact your instructor.
- Your homework scores will be totaled and scaled so that your homework is 20% of your overall course grade.

Test Reviews: Test reviews are to be completed in MML. Due dates are posted in MML and at the end of the syllabus.

- To receive full credit, reviews must be completed by the due date. Partial credit will be given for any problems/assignments completed after the due date.
- You must score a minimum of 80% on your test reviews in order to access the retake test associated with the reviews.
- You get three attempts to get a problem correct. If after the third attempt you still have not gotten the problem correct, you may request a similar problem to be generated and graded by clicking on the “Similar Exercise” button at the bottom of the homework window. You are encouraged to repeat review problems and obtain a perfect score before the recommended due date.
- No help features are available for the reviews. If you do not know how to solve a problem, please look in your homework sets for a similar problem and use the help features within the homework set to assist you.
- Your test review scores will count as homework scores.

Tests: Six tests will be given. You may take each test up to two times to improve your score and only the highest score will be counted. If you would like to take a test early, you need to contact your instructor and set up an appointment. Your first attempt at a test must be taken on or before the day specified in the schedule given at the end of the syllabus. If you decide you want to improve your grade, you need to contact your instructor and request a second attempt. **You are only eligible for a retake if you score 80% on all the homework from that chapter. If you score less than a 70% on your first attempt and want a second attempt, you must set up an appointment and get help from your instructor before you can take your second attempt.** You must take your second attempt within the time frame specified in the schedule given at the end of the syllabus. You may not access any other websites or wear headphones while taking your tests. You will be permitted to use a non-graphing scientific calculator on Tests Chapters 5-8 and half of the Final Exam.

Multiplication Test: The Multiplication Test has 100 multiplication facts from the 0-12’s. You will be given 10 minutes to complete it. You must score at least a 75% on the multiplication test in order for the grade to count. It can be retaken every two weeks until the assigned due date on the Assignment Schedule, which is the last day it may be taken or retaken. An appointment must be made for making up or retaking this test.

Final Exam: The final exam will be comprehensive and is worth 25% of your overall course grade. **You must take the final exam on April 30 at 5:00 P.M. in SNOW 003. You may take the final comprehensive exam only once.** You may not access any other websites or wear headphones while taking your final exam. If you have a course schedule conflict with the final exam schedule, please contact your instructor.

Grading Policy: Grades will be based on: (with an allowance of $\pm 1\%$)

Attendance 10%
Tests 36%

Homework and Reviews 25%
Final Exam 25%

Multiplication Test 4%

You can see your grade and all your scores on your MML Grade Book. Letter grades will be assigned as follows:

A	94 – 100%	B	83 – 86%	C	70 – 74%	D	55 – 59%
A-	90 – 93%	B-	80 – 82%	C-	65 – 69%	D-	50 – 54%
B+	87 – 89%	C+	75 – 79%	D+	60 – 64%	F	0 – 49%

Cheating: Cheating will not be tolerated. Any student caught cheating will receive an automatic zero for that specific assignment/test and will forfeit the right of any retakes. If caught more than once, the student will be reported to the Department Chair for further disciplinary action. Please refer to: **Academic Integrity / Academic Honesty:** Specific course rules and reference to Student Rights and Responsibilities Code, Policy 5-33, is available at <http://catalog.dixie.edu/codeofstudentrightsresponsibilities/> or the University Catalog.

MyMathLab (MML): Please make sure you check your MML account frequently since class information will be posted there. Go through your Canvas account to access MML.

Canvas: Canvas will be the port of entry for your use of the MML program. Canvas will only be used for you to monitor grades and provide you a single sign-on port of entry. To access Canvas, go to <https://canvas.dixie.edu/>. All homework and tests will be completed in MML which is embedded in Canvas. We do encourage you to always refer to your Canvas gradebook as an accurate representation of your standing in the course. The MML gradebook will reflect only your homework grade.

Testing Center: Tests will NOT be given in the Testing Center. If necessary, you can find current testing center hours at <http://dixie.edu/testing>

Disability Resource Center: If you suspect or are aware that you have a disability that may affect your success in the course, you are strongly encouraged to contact the Disability Resource Center (DRC) located in the North Plaza Building. The disability will be evaluated and eligible students will receive assistance in obtaining reasonable accommodations. Phone: (435) 652-7516.

Withdrawing from or dropping a class: If you never attend a class, the instructor may withdraw you from it. If you attend even one day, the instructor cannot withdraw you from the class. Since not all instructors will withdraw you for non-attendance, you should take care of that transaction for yourself by going to the registration window. *If you quit attending and do not withdraw from the class you will receive a failing grade, F.*

Complete Withdrawal: Dropping all classes does not withdraw you from the college and you may receive all F's. You must contact the Advisement Center, complete a withdrawal form, and surrender your student ID card.

Changes: Although unlikely, this syllabus and/or the assignment schedule may be changed if deemed necessary by the instructor. All changes will be announced in class and/or sent to your Dmail, Canvas, or MML account.

Miscellaneous Information: For comprehensive information on University resources such as the Library, Disability Resource Center, IT Student Help Desk, Online Writing Lab, Testing Center, Tutoring Center, Writing Center, etc., please go to <http://dixie.edu/resources/>.