

Dixie State University

<http://www.dixie.edu>

Syllabus for Transitional Mathematics I (3.0 credits)

CRN 47868 Math 0900-03 Fall 2015

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:	Mrs. J. Hansen	Classroom & Class time:
Phone:	(435)652-7984	SNOW 144
Email:	hansen_j@dixie.edu	2:00-2:50 pm, Mon, Tues, Wed, Thurs
Office:	SNOW 148	
Office hours:	1:00-1:50 pm, Mon, Tues, Wed, Thurs	
eLab hours:	10:50-11:50 am, Tues, Wed	
Date Range:	August 24, 2015 – December 18, 2015	

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). 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.

- **To register for MyMathLab (MML)**, go to <http://www.mymathlab.com/> and
 - ✓ Under the heading “Register”, click “Student”.
 - ✓ When you are asked for the **COURSE ID** enter **hansen09297**
 - ✓ Follow the instructions to either create an account, or sign in if you have an existing account. If you are creating a new account, you will need to purchase a student **ACCESS CODE** from either the publisher as you are registering or ahead of time from the bookstore. Check both places to see which is less expensive.
 - ✓ When you enter your **email account**, please make sure you use the email that you check the most often.
 - ✓ If you have questions, please go to <http://www.pearsonmylabandmastering.com/northamerica/students/get-registered/index.html> and watch the video found by scrolling towards the bottom of the screen or you may contact customer support service (<http://www.mymathlab.com/student-support>).
 - ✓ A 14-day free trial is available through the MML website.
- **You Have Access to MML, What Next?**
 - ✓ Log on to MML and, if you are using your own computer, be sure to download any required plugins by clicking on the “Browser Check” on the home page. You are now ready to do math.
 - ✓ Go back to MML Course Home and click on Homework. Here is your list of assignments. Click on the Orientation Video and watch this before our first class.
 - ✓ Click on Video Notebook. You will need to print the whole notebook for this semester. Follow the links to print it all at once, or chapter by chapter. (See Video Notebook section on syllabus.)

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 need to purchase an access code to MML (Cost approx \$95) A print-out of the Video Notebook (approx \$12) 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. 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. 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.

- You must score a minimum of 90% on your homework assignments in order to access the 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.

- You must score a minimum of 80% on your test reviews in order to access the 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.

Video Notebook: The Video Notebook is a graded assignment. You are required to print the Video Notebook from MML, three-hole punch it, and place it in a 3-ring binder, and fill it as you watch the MML video lectures. It is your responsibility to complete and have each Video Notebook chapter graded by your instructor before you take your test. If you do not have a grade for the part of the Video Notebook associated with a test, you will not be able to take the test. Also, to get credit for attendance, you must have your video notebook with you in class. Moreover, you must have your Video Notebook completed up to the point where you are asking for help in order to receive assistance in the eLab.

Homework Notebook: You are required to keep a homework notebook (or binder if you wish), which will be graded on completeness, organization, and appropriate use of math notation. You are required to have your Homework Notebook with you in class in order to get credit for attendance. The notebook will be graded by your instructor at the end of each chapter in order for you to gain access to the test associated with the homework sets. It is your responsibility to find your instructor and have him/her grade your notebook before you take your test. If you do not have a grade for the part of the Homework Notebook associated with the test, you will not be able to take the test.

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. **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.

Multiplication Test: The Multiplication Test has 100 multiplication facts from the 0-12's. You will be given 8 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 Wednesday December 2, 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 Wed, Dec. 16 at 1:30-3:30 pm in SNOW 144. You may take the final comprehensive exam only once.** You may not access any other websites or wear headphones while taking your final exam.

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

Attendance 10%	Video and Homework Notebooks 5%	Homework and Reviews 20%
Multiplication Test 4%	Tests 36%	Final Exam 25%

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%

MyMathLab (MML): Please make sure you check your MML site frequently since class information will be posted there. Go to <http://www.mymathlab.com/> to access MML.

Canvas: The Canvas site for this class will contain the Syllabus, and introductory video and a video on how to register for MML. Go to <https://canvas.dixie.edu/> to access Canvas. The above and other class information will be posted in MML.

Testing Center: For current testing center hours, please go to <http://dixie.edu/testing>

Disability Resource Center: If you are a student with a medical, psychological, or learning disability or think you might have a disability and would like accommodations, contact the Disability Resource Center (652-7516) in the North Plaza. The Disability Resource Center (<http://dixie.edu/drcenter/>) will determine eligibility of the student requesting special services and determine the appropriate accommodations related to their disability.

Receiving your grades at the end of the semester: Your course letter grade will be posted on Banner as soon as the Final Exam has been graded and the overall course average calculated (usually within 48 hrs after Exam has been taken).

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 an F.

Changing your schedule: It is your responsibility, as the student, to ensure the accuracy of your class schedule. Be sure to check your schedule after every change you make to it. Run a hard copy and keep it!

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 or MML account.

Miscellaneous Information: Click on this link - <http://www.dixie.edu/reg/syllabus/> - for comprehensive information on the Semester Dates, the Final Exam Schedule, University resources such as the library, Disability Resource Center, IT Student Help Desk, Online Writing Lab, Testing Center, Tutoring Center, and Writing Center. In addition, please review DSU policies and statements with regards to Academic Integrity, Disruptive Behavior and Absences related to university functions.

Due Dates and Recommended Schedule – Math 0900 Transition 1 – Fall 2015

Date	Day	Assignment	Date	Day	Assignment
Aug 24	Mon	Orientation Video; Syllabus Quiz	Oct 19	Mon	5.1, 5.2
Aug 25	Tues	1.2	Oct 20	Tues	5.3
Aug 26	Wed	1.3	Oct 21	Wed	5.4, Ch 5 Test Review I
Aug 27	Thurs	1.4, 1.5	Oct 22	Thurs	5.5
Aug 28	Fri	Catch Up/Get Ahead Day	Oct 23	Fri	Catch up/Get Ahead Day 2 nd Attempt Ch 4 Test available
			Oct 24	Sat	2 nd Attempt Ch 4 Test due
Aug 31	Mon	1.6	Oct 26	Mon	5.6, 5.7, Ch 5 Test Review II Sec. 5.1-5.7 Hw due & VN due
Sep 1	Tues	1.7	Oct 27	Tues	Ch 5 Test Review Day Ch 5 Review I and II due
Sep 2	Wed	1.8	Oct 28	Wed	1 st Attempt Ch 5 Test due
Sep 3	Thurs	1.9, Ch 1&2 Test Review I, 2.1	Oct 29	Thurs	6.1
Sep 4	Fri	Catch up/Get Ahead Day	Oct 30	Fri	Catch up/Get Ahead Day 2 nd Attempt Ch 5 Test available
			Oct 31	Sat	2 nd Attempt Ch 5 Test due
Sep 7	Mon	Holiday-No School	Nov 2	Mon	6.2, Ch 6 Test Review I
Sep 8	Tues	2.2, 2.3	Nov 3	Tues	6.4
Sep 9	Wed	2.4	Nov 4	Wed	6.5
Sep 10	Thurs	2.5	Nov 5	Thurs	6.6, Ch 6 Test Review II
Sep 11	Fri	Catch up/Get Ahead Day	Nov 6	Fri	Catch up/Get Ahead Day
			Nov 8	Sun	Sec. 6.1-6.6 Hw due & VN due
Sep 14	Mon	2.6, Ch 1&2 Test Review II Sec. 1.2-1.9, 2.1-2.6 HW & VN due	Nov 9	Mon	Ch 6 Test Review Day Ch 6 Review I and II due
Sep 15	Tues	Ch 1&2 Test Review Day Ch 1&2 Review I and II due	Nov 10	Tues	1 st Attempt Ch 6 Test due
Sep 16	Wed	1 st Attempt Ch 1&2 Test due	Nov 11	Wed	8.1
Sep 17	Thurs	3.1, 3.2	Nov 12	Thurs	8.2,
Sep 18	Fri	Catch up/Get Ahead Day 2 nd Attempt Ch 1&2 Test available	Nov 13	Fri	Catch up/Get Ahead 2 nd Attempt Ch 6 Test available
Sep 19	Sat	2 nd Attempt Ch 1&2 Test due	Nov 14	Sat	2 nd Attempt Ch 6 Test due
Sep 21	Mon	3.3; Multiplication Test	Nov 16	Mon	8.3, Ch 8 Test Review I
Sep 22	Tues	3.4, Ch 3 Test Review I	Nov 17	Tues	Sec. 8.4
Sep 23	Wed	3.5	Nov 18	Wed	8.5, Ch 8 Test Review II Sec. 8.1-8.5 Hw due
Sep 24	Thurs	3.6	Nov 19	Thurs	Ch 8 Test Review Day
Sep 25	Fri	Catch up/Get Ahead Day	Nov 20	Fri	Catch up/Get Ahead Day
			Nov 22	Sun	Ch 8 Review I and II due
Sep 28	Mon	3.7, Ch 3 Test Review II Sec. 3.1-3.7 Hw Due & VN due	Nov 23	Mon	1 st Attempt Ch 8 Test due
Sep 29	Tues	Ch 3 Test Review Day Ch 3 Review I and II due	Nov 24	Tues	9.1
Sep 30	Wed	1 st Attempt Ch 3 Test due	Nov 25	Wed	Holiday - No School
Oct 1	Thurs	4.1	Nov 26	Thurs	Holiday - No School
Oct 2	Fri	Catch up/Get Ahead Day 2 nd Attempt Ch 3 Test available	Nov 27	Fri	Holiday/Catch Up/Get Ahead Day
Oct 3	Sat	2 nd Attempt Ch 3 Test due			
Oct 5	Mon	4.2	Nov 30	Mon	9.2, 9.3, Ch 9 Review I
Oct 6	Tues	4.3, Ch 4 Test Review I	Dec 1	Tues	9.4
Oct 7	Wed	4.4	Dec 2	Wed	9.5, Multiplication Test due
Oct 8	Thurs	4.5,	Dec 3	Thurs	9.6, Ch 9 Review II
Oct 9	Fri	Catch up/Get Ahead Day	Dec 4	Fri	Catch up/Get Ahead 2 nd Attempt Ch 8 Test due
			Dec 5	Sat	2 nd Attempt Ch 8 Test due
Oct 12	Mon	4.6, Ch 4 Test Review II Sec. 4.1-4.6 Hw due & VN due	Dec 7	Mon	7.1, 7.2;
Oct 13	Tues	Ch 4 Test Review Day Ch 4 Review I and II due	Dec 8	Tues	7.3 Sec. 9.1-9.6, 7.1-7.3 Hw due & VN due
Oct 14	Wed	1 st Attempt Ch 4 Test due	Dec 9	Wed	Final Review Homework/ Ch 9 Review I and II due
Oct 15	Thurs	Holiday - No School	Dec 10	Thurs	Final Review Homework
Oct 16	Fri	Holiday/Catch Up/Get Ahead Day	Dec 11	Fri	Catch Up/Study for Final
			Dec 15	Tues	Final Exam Review due
			Dec 16	Wed	Final Exam at 1:30-3:30 pm in SNOW 144