

MATH 0830 - LEARNING SUPPORT MATH III SYLLABUS AND STUDENT RULES

Instructor Information: Instructor information is found on the printed syllabus your instructor gave you or in your NS Online course shell on the Content page under “Instructor Information.”

Main Campus Open Lab hours: MW 8am-9pm, TR 7:30am-9pm, Fri 8am-2pm, Sat 9am-1pm
Check the lab schedule for other campuses.

During these times, there may or may not be other classes in session. If a class is in session, those students get seating first but you are welcome to enter the lab and work on your LSM assignments. You can take a test outside of class time as long as there is an instructor present. Tutors cannot proctor tests.

Messages may be left on the instructor’s voice mail or with the department secretary. See your instructor for details or check your NS Online course shell.

Credit Hours and Course Description

Learning Support Math

This is a course that is designed to prepare students with the necessary skills to be successful in college level mathematics. The curriculum provides multiple representations of application and problem solving. Topics include operations with real numbers and algebraic expressions, analysis of graphs, linear functions, linear equations and inequalities, basic statistics and probability, and unit conversions.

MATH 0830 Learning Support Math III

1 CREDIT HOUR

This class is a continuation of MATH 0810, Learning Support Mathematics I and a continuation of MATH 0820, Learning Support Mathematics II. This is for students that have only one module/competency left to complete.

Prerequisite: Successful completion of 4 competencies in Learning Support Math.

Competency 1/Module 1: Real Number Sense and Operations

Upon successful completion of this competency, students should be able to:

1. Perform operations with real numbers;
2. Identify and calculate with irrational numbers;
3. Recognize and apply absolute value and ordering of real numbers;
4. Evaluate expressions using the order of operations;
5. Solve applications involving rational numbers.

Competency 2/Module 2: Operations with Algebraic Expressions

Upon successful completion of this competency, students should be able to:

1. Identify and simplify like terms;
2. Evaluate algebraic expressions, including those involving powers and roots;
3. Apply the distributive law to write equivalent expressions;
4. Solve real-world application problems using operations with algebraic expressions.
5. Factor polynomials using the greatest common factor;
6. Perform operations with polynomial expressions.

Competency 3/Module 3: Solve Equations

Upon successful completion of this competency, students should be able to:

1. Solve linear equations and linear inequalities in one variable using multiple approaches – numerical, graphical, and symbolic;
2. Solve real-world application problems using linear equations such as proportions, volume, and surface area;

3. Solve formulas for a specified variable;
4. Solve compound linear inequalities and express the solution graphically.

Competency 4/Module 4: Analyze Graphs

Upon successful completion of this competency, students should be able to:

1. Find and plot ordered pairs that are solutions for two variable linear equations;
2. Analyze linear equations by identifying and interpreting slope and x and y-intercepts;
3. Graph linear equations by identifying and interpreting ordered pairs, slope, and x and y-intercepts;
4. Write linear equations using ordered pairs, slope, and x and y-intercepts;
5. Solve real-world application problems using linear equations;
6. Apply and interpret function notation.

Competency 5/Module 5: Modeling and Critical Thinking

Upon successful completion of this competency, students should be able to:

1. Calculate the mean and median of sets of data;
2. Analyze and interpret graphs of data sets;
3. Analyze and solve application problems involving basic probability;
4. Perform unit conversions between English and Metric systems.

Welcome to Math Learning Support Center at NSCC

1. Required Student Materials

MYLABSPPLUS® ACCESS CODE: You need a code to access homework, tutorials, tests and your grade book. You may be able to use the same access code you purchased in a previous semester. Check with your instructor. Otherwise, the access code can be purchased from the bookstore or directly from the course website. ISBN 0558926800

PICTURE ID: You must present a picture ID to an instructor before taking any module preview or post test. Student's can have a free NSCC student ID made. See your instructor for details.

CALCULATOR: TI-83 or 84 (Plus) is required. Cell phones may not be used as a calculator.

Recommended:

3-Ring Binder: Your notebook will include your completed work from homework assignments and your work from the practice tests.

Headphones: To listen to a video or animation in Math Lab, you will be required to use headphones.

2. Attendance Policy

Attendance is required. Students are expected to attend all classes and be on time. Attendance will be taken during each class. An explanation of how attendance is calculated into your course grade is below (Section 5.)

If classes are cancelled at the college due to inclement weather, a class assignment will be posted and required for submission upon return to class – see your instructor for details.

3. Tests

The preview and post test for each module will be taken in the Math Lab. Picture ID is required in order to take a preview or post test. Before taking a post test, you must have completed all homework assignments, the critical thinking activity, and the practice test for that module. An instructor must be available to enter a password for you to access your tests.

IMPORTANT: WHEN TAKING A PREVIEW OR A POST TEST, YOU MUST USE THE TEST TEMPLATE AND A PENCIL OR PEN. THE TEST TEMPLATE MUST BE TURNED IN TO THE PROCTOR UPON SUBMITTING YOUR TEST. SHOW ALL YOUR WORK ON THE TEST TEMPLATE!

4. How this course works

You will start where you left off in the MATH 0810 or MATH 0820 and work one module at a time in order. Once a module is completed, you will begin the next module. If you transferred from another institution, your instructor will notify you of the modules you need to complete.

To work each new module, log into MyLabsPlus® at www.nscm.mylabsplus.com using your A- number as your login name and your six digit PIN as your password.

- First, take the proctored preview.
 - If you score 80% or better, see your instructor who will permit you to move to the next module.
 - If you score less than 80%, you will proceed to the next step in the module.
- Next, begin working on homework. You must achieve 80% or better on each assignment to advance to the next assignment. Continue with all homework sections, including critical thinking activity and cumulative homework assignment, up through the module practice test. You have to score 100% on the cumulative homework assignment in order to move to the module practice test. You may work on homework on any computer that has internet access.
- Take the module practice test and score at least 75%. You may retake the practice test as many times as needed until you earn a 75% and have sufficiently mastered the material in preparation for the module post test. You do not need a proctor for the practice test and may work on it at home or outside of class.
- An instructor must be present to take the proctored module post test. If your score is 75% or better on the post test you have completed the module. You may move to the next module. However, if your score is below 75%, you must see your instructor. You can take the post test up to three times to improve your grade.

5. Grade

Your course grade for MATH 0830 will be determined as follows:

- a) If you do not complete the remaining module, you will earn an F, FA, or FN for the course regardless of the work in the module you successfully completed. An FA may be awarded to a student who does not withdraw from the course but who stops attending classes and does not continue actively working in the course. An FN is given to a student who never attends class.
- b) If you complete the remaining module, your course grade will be calculated as follows:

Attendance and Participation:	10%
Module Grade:	90%

ATTENDANCE AND PARTICIPATION GRADE: A total of 20 points for attendance and participation each week is given as follows:

- Attendance: A total of 10 points will be awarded per week. However, 5 points will be deducted from that total for every 90 minutes of class time missed per week. Students will be counted absent if they are in class, but are not working on course work in their notebook.
- Participation: Instructors will track participation in MyLabsPlus. Students must show a minimum of six hours of work in MyLabsPlus each week. A total of 10 points will be awarded each week unless a student works less than six hours during that week. Deductions will be made as follows: A student who works less than three hours in a given week will lose all 10 points for the week. A student who works between three and six hours will lose 5 points for the week. Students working six or more hours will receive all 10 points – no deduction. This time can be completed in the lab, at home, or anywhere that internet access is available. The three hours of work during class time will count towards the weekly six hour total

Points for Attendance and Participation cannot be made up.

MODULE GRADE: The grade for each worked module* is determined by the following distribution:

Homework:	20%
Critical Thinking Activity:	5%
Post-Test:	75%

*** You will not receive a grade for a module you test out of with a preview score of 80% or above since you will not work the module, but it does count as a completed module.**

COURSE GRADING SCALE:

93 – 100 %	=	A
84 – 92%	=	B
75 – 83%	=	C
Below 75%	=	F

6. Communications and email

Announcements about the course, special sessions, changes in schedules or procedures, and so forth will be communicated by your instructor, on the [nsc.mylabsplus®](http://nsc.mylabsplus.com) site, via your NSOnline email, or MyNSCC email. Any questions you have about the course, or about your progress in the course should be directed to your instructor. If you have any problems or any general questions, you should first contact your instructor. You can also talk with any Math Lab staff.

It is the student's responsibility to check NS Online and MyNSCC email on a regular basis. These are the official communication channels between the college and students. Students are responsible for the information communicated through those channels. D2L contains specific course information and MyNSCC contains information important for other purposes.

CLASSROOM MISCONDUCT AND PROCEDURES

Nashville State Community College has a zero tolerance policy for disruptive conduct in the classroom. Students whose behavior disrupts the classroom will be subject to disciplinary sanctions.

The instructor has primary responsibility for control over classroom behavior and maintenance of academic integrity. He/she can order temporary removal or exclusion from the classroom of any student engaged in disruptive conduct which violates the general rules and regulations of the College. Disruptive behavior in the classroom may be defined as, but is not limited to, behavior that obstructs or disrupts the learning environment (offensive language, harassment of students or professors, repeated outbursts from a student which disrupt the flow of instruction or prevent concentration on the subject taught, failure to cooperate in maintaining classroom decorum, etc.), or the continued use of any electronic or other noise or light emitting device which disturbs others (disturbing noises from beepers, cell phones, palm pilots, lap-top computers, games, etc.).

No eating or drinking is permitted in the classes meeting in the classroom. This is a computer classroom, and this policy is a must! Children are not allowed in class or unattended on campus. Cell phones must be turn off or put on vibrate and stowed out of sight; go outside the class if you need to use the phone in an emergency only. Sleeping in class, working on other subjects, reading a book, listening to music, surfing/downloading from the internet, or checking cell phone messages are other examples of classroom disruptions. Please consider all in the classroom. See the policy below.

Academic Dishonesty

Any form of academic dishonesty, cheating, plagiarizing, or other academic misconduct is prohibited. "Plagiarism may result from: (1) failing to cite quotations and borrowed ideas, (2) failing to enclose borrowed language in quotation marks, and (3) failing to put summaries and paraphrases in your works" (*A Writer's Reference*, 331). Academic dishonesty may be defined as, but is not limited to, intentionally trying to deceive by claiming credit for the work of another person, using information from a web page or source without citing the reference, fraudulently using someone else's work on an exam, paper, or assignment, recycling your own work from another course, purchasing papers or materials from another source and

presenting them as your own, attempting to obtain exams/materials/assignments in advance of the date of administration by the instructor, impersonating someone else in a testing situation, providing confidential test information to someone else, submitting the same assignment in two different classes without requesting both instructors' permission, allowing someone else to copy or use your work, using someone else's work to complete your own, altering documents, transcripts or grades, and forging a faculty/staff member's signature. In addition to other possible disciplinary sanctions that may be imposed through regular college procedures as a result of academic dishonesty, the instructor has the authority to assign an "F" or a "Zero" for the exercise, paper or examination, or to assign an "F" for the course. If a student believes that he/she has been erroneously accused of academic dishonesty and if his/her final grade has been lowered as a result, the student may appeal the case through the appropriate college grade appeal procedures.

ADA Statement

Nashville State Technical Community College complies with the Americans with Disabilities Act. If you wish to request any special accommodations for any courses in which you are enrolled, contact the Disability Coordinator at 353-3721 in the Student Services building, S-114. Such services must have proof of documentation that is not over three years old.