

South Plains College
Common Course Syllabus: NCBM 0105
Revised December 2019

Department: Mathematics, Engineering, and Computer Science

Discipline: Mathematics

Course Number: NCBM 0105

Course Title: Developmental Mathematics

Available Formats: internet

Campuses: Levelland, Reese, Plainview, and Lubbock Center

Course Description: Topics in mathematics, such as arithmetic operations, basic algebraic concepts and notation, geometry. And real and complex number systems are taught to prepare students for MATH 0315, MATH 0332, MATH 0337, or MATH 0342.

Prerequisite: An ABE score on the TSIA.

Credit: 1 **Lecture:** 0 **Lab:** 3

Textbook: None, use of EdReady (<https://southplainscollege.edready.org>) required

Supplies: Please see the instructor's course information sheet for specific supplies.

This course partially satisfies a Core Curriculum Requirement: No

Student Learning Outcomes: Upon completion of this course and receiving a passing grade, the student will be able to:

1. Use appropriate symbolic notation and vocabulary to communicate, interpret, and explain mathematical concepts.
2. Define, represent, and perform operations on real numbers, applying numeric reasoning to investigate and describe quantitative relationships and solve real world problems in a variety of contexts.
3. Use algebraic reasoning to solve problems that require ratios, rates, percentages, and proportions in a variety of contexts using multiple representations.
4. Apply algebraic reasoning to manipulate expressions and equations to solve real world problems.
5. Use graphs, tables, and technology to analyze, interpret, and compare data sets.
6. Construct and use mathematical models in verbal, algebraic, graphical, and tabular form to solve problems from a variety of contexts and to make predictions and decisions.

Student Learning Outcomes Assessment: None

Course Evaluation: EdReady will evaluate the mastery of each student and give a score between 0 and 100.

Attendance Policy: Please see the instructor's course information sheet for specific attendance requirements.

Plagiarism violations include, but are not limited to, the following:

1. Turning in a paper that has been purchased, borrowed, or downloaded from another student, an online term paper site, or a mail order term paper mill;
2. Cutting and pasting together information from books, articles, other papers, or online sites without providing proper documentation;
3. Using direct quotations (three or more words) from a source without showing them to be direct quotations and citing them; or
4. Missing in-text citations.

Cheating violations include, but are not limited to, the following:

1. Obtaining an examination by stealing or collusion;
2. Discovering the content of an examination before it is given;
3. Using an unauthorized source of information (notes, textbook, text messaging, internet, apps) during an examination, quiz, or homework assignment;
4. Entering an office or building to obtain an unfair advantage;
5. Taking an examination for another;
6. Altering grade records;
7. Copying another's work during an examination or on a homework assignment;
8. Rewriting another student's work in Peer Editing so that the writing is no longer the original student's;
9. Taking pictures of a test, test answers, or someone else's paper.

Student Code of Conduct Policy: Any successful learning experience requires mutual respect on the part of the student and the instructor. Neither instructor nor student should be subject to others' behavior that is rude, disruptive, intimidating, aggressive, or demeaning. Student conduct that disrupts the learning process or is deemed disrespectful or threatening shall not be tolerated and may lead to disciplinary action and/or removal from class.

Diversity Statement: In this class, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

Disability Statement: Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office at Levelland (Student Health & Wellness Office) 806-716-2577, Reese Center (Building 8) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

Nondiscrimination Policy: South Plains College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Vice

President for Student Affairs, South Plains College, 1401 College Avenue, Box 5, Levelland, TX 79336. Phone number 806-716-2360.

Title IX Pregnancy Accommodations Statement: If you are pregnant, or have given birth within six months, Under Title IX you have a right to reasonable accommodations to help continue your education. To [activate](#) accommodations you must submit a Title IX pregnancy accommodations request, along with specific medical documentation, to the Director of Health and Wellness. Once approved, notification will be sent to the student and instructors. It is the student's responsibility to work with the instructor to arrange accommodations. Contact the Director of Health and Wellness at 806-716-2362 or [email cgilster@southplainscollege.edu](mailto:cgilster@southplainscollege.edu) for assistance.

Campus Concealed Carry: Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in South Plains College buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and South Plains College policy, license holders may not carry a concealed handgun in restricted locations. For a list of locations and Frequently Asked Questions, please refer to the Campus Carry page at: <http://www.southplainscollege.edu/campuscarry.php> Pursuant to PC 46.035, the open carrying of handguns is prohibited on all South Plains College campuses. Report violations to the College Police Department at 806-716-2396 or 9-1-1.

SPC Bookstore Price Match Guarantee Policy: If you find a lower price on a textbook, the South Plains College bookstore will match that price. The difference will be given to the student on a bookstore gift certificate! The gift certificate can be spent on anything in the store.

If students have already purchased textbooks and then find a better price later, the South Plains College bookstore will price match through the first week of the semester. The student must have a copy of the receipt and the book has to be in stock at the competition at the time of the price match.

The South Plains College bookstore will happily price match BN.com & books on Amazon noted as *ships from and sold by Amazon.com*. Online marketplaces such as *Other Sellers* on Amazon, Amazon's Warehouse Deals, *fulfilled by Amazon*, BN.com Marketplace, and peer-to-peer pricing are not eligible. They will price match the exact textbook, in the same edition and format, including all accompanying materials, like workbooks and CDs.

A textbook is only eligible for price match if it is in stock on a competitor's website at time of the price match request. Additional membership discounts and offers cannot be applied to the student's refund.

Price matching is only available on in-store purchases. Digital books, access codes sold via publisher sites, rentals and special orders are not eligible. Only one price match per title per customer is allowed.

Note: The instructor reserves the right to modify the course syllabus and policies, as well as notify students of any changes, at any point during the semester.



Course Information Sheet - NCBM 0105.160 – Spring 2020

Instructor: Denise Johansen

Office: LBC 125-F; (806)716-4632

Cell/Text: (513)227-0095

Email: djohansen@southplainscollege.edu

Lubbock Center Office Hours: MW 1pm-2pm, T/Th 10am-11am and 5pm-6pm, F 10am-12pm, or by appointment

Textbook: No textbook is required for this course; all course work will be done on the EdReady website at <https://southplainscollege.edready.org>. However, the instructor may recommend a textbook for additional study.

Attendance Policy: This is not a traditional face-to-face course; you must attend **one** of the following mandatory orientation sessions:

Wednesday, 8 Jan

9:00 am - 11:00 am: Computer Lab (M116) in the Math Building in Levelland

1:00 pm - 3:00 pm: Computer Lab (RC214) in Building 2 at Reese

Thursday, 9 Jan

6:00 pm - 8:00 pm: Computer Lab (RC214) in Building 2 at Reese

Friday, 10 Jan

9:00 am - 11:00 am: Computer Lab (TBD) at the Lubbock Center

1:00 pm - 3:00 pm: Computer Lab (M116) in the Math Building in Levelland

Monday, 13 Jan

9:00 am - 11:00 am: Computer Lab (M116) in the Math Building in Levelland

3:00 pm - 5:00 pm: Tutor Room in Plainview

Tuesday, 14 Jan

9:00 am - 12:00 pm: Computer Lab (RC214) in Building 2 at Reese

1:00 pm - 3:00 pm: Computer Lab (RC214) in Building 2 at Reese

Wednesday, 15 Jan

9:00 am - 12:00 pm: Computer Lab (TBD) at the Lubbock Center

1:00 pm - 3:00 pm: Computer Lab (TBD) at the Lubbock Center

Thursday, 16 Jan

1:00 pm - 3:00 pm: Computer Lab (RC214) in Building 2 at Reese

5:00 pm - 8:00 pm: Computer Lab (RC214) in Building 2 at Reese

After the mandatory orientation session, you will be working at your own pace and on your own schedule at the EdReady website. Until the coursework is completed, you will be required to login to make progress on your Study Path AND communicate with me **at least once per week** for the duration of this course. Failure to make progress AND contact me at least once per week for two weeks in a row will result in you being administratively dropped from the

course with a grade of 'F' or 'X'. You can contact me by coming to see me in my office during posted office hours, by email, by phone, or by text.

Grading: This course will be graded on a pass/fail basis. Once you have completed the course with at least 90% mastery, you will have earned a grade of P, indicating "passing" for the course. If you do not achieve a 90% level of mastery by the end of the semester, you will have earned a grade of 'F' and will be required to enroll in the course again.

Supplies: Access to a computer with an internet connection is required for this course. If you do not have either of these, plan on spending time in a campus computer lab or the public library to do your work. You will also need a notebook and pencils for taking notes and working out problems.

Accessing the Course Diagnostic and Learning Modules:

Creating an Account: First, you will need to create an account at <https://southplainscollege.edready.org>. Here are the steps:

1. Go to this website and choose the "Get Started" option. If you already have an EdReady account, then choose the "Log In" option at the upper-right corner of the screen.
2. Complete the brief form on the "Sign Up for EdReady" screen.
3. After setting up a username and password, choose the "Enter a key to add goals" option. Your key for this course is **NCBM0105_Spring2020_Johansen**.

Taking the Initial Diagnostic Test: Second, after creating the account, you will need to take the initial diagnostic test.

- Please allow at least one hour for this test. However, if you need more time or need to step away, there is an option to save and exit.
- To access the initial diagnostic test, login to EdReady, click on the Go to Goal button for our class, and then click on the Start Diagnostic button.
- Please do NOT use a calculator, phone, friend, or other resource during the diagnostic.
- After completing this initial diagnostic test, you can click the View Results button to see how you did on each of the 7 Units in the course. (Green means you have shown mastery of that Unit, yellow means you need to review that Unit before retesting on it, and Red means you have more review/learning to do before retesting on it.)

Completing the Course: You complete the course by getting your score up to 90 or above.

- Each time you login, click on Go to Goal for our course, and then click View Study Path.
- You can work on Units/Topics in any order you like, but the recommended order is shown with the first Unit you need to work on listed first.
- There is a Unit Test for each Unit that you can take to see exactly which Topics within the Unit you need to work on. If you know you aren't ready for the Unit Test, you can work on the Topics under it instead.
- Each Topic has Learn and Test buttons. If you click the Learn button, you will have access to Warm-Up, Presentation (video), Worked Examples (videos), Topic Text (reading material), Practice (problems to work), and Review (practice test). If you click on the Test button, you will get a Topic Test of 1-10 questions. If you do well

on the Test, you will master the Topic, the Topic disappears from your Study Path, and your course score gets increased.

- If you are stuck or struggling on a Unit or Topic, please be sure to contact me to get some help! SPC also has tutors available on each campus to help you with math, but please don't ask them to work your problems; just ask them to help you understand the concepts.
- When your EdReady score is at least 90, you are excused for the rest of the semester!

Last day to drop is Thursday, April 23rd.

SPC School Holidays:

Monday, 1/20, Martin Luther King, Jr. Holiday

Monday-Friday, 3/16-3/20, Spring Break

Monday, 4/13, Easter Break

Dress Code: Reasonable standards of decency apply to the college community. The student should dress in a manner which does not distract from the academic atmosphere. Revealing attire or clothing carrying obscene or offensive slogans is not permitted. In all academic buildings, classrooms, offices, the Student Center, and dining facilities, students are required to wear shirts and shoes.

Language: Please be respectful of others and use language that is appropriate to the workplace.