



Course Syllabus – Developmental Mathematics

NCBM 0105.007 – Fall 2018

Department: Mathematics and Engineering

Instructor: Denise Johansen

Discipline: Mathematics

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Course Number: NCBM 0105

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Course Title: Developmental Mathematics

Email: djohansen@southplainscollege.edu

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

Time/Place: ARR/Internet

Reese Campus Office Hours: MTWR 11am-12pm, TR 6pm-7pm, F 9am-12pm, or by appointment

Prerequisites: None

Course Description: **NCBM 0105 - Developmental Mathematics (BASE NCBM).**

(1:1:0) 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 Beginning Algebra, MATH 0315. This course is designed for students who have tested at an ABE level of 4 or lower. This course will not satisfy graduation requirements. (copied from the current SPC catalog)

Student Learning Outcomes:

Upon successful completion of this course, the student will:

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.

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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.

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 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 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.

Accessing the Course Diagnostic and Learning Modules:

Creating an Account: First, the student 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_Fall2018_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.

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- 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, November 15th.

SPC School Holidays:

Monday, 9/3, Labor Day Holiday

Friday, 10/12, Fall Break

Wednesday-Friday, 11/21-11/23, Thanksgiving Holiday

Academic Integrity: It is the aim of the faculty of South Plains College to foster a spirit of complete honesty and a high standard of integrity. The attempt of any student to present as his or her own any work which he or she has not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offender liable to serious consequences, possibly suspension.

Cheating: Dishonesty of any kind on examinations or on written assignments, illegal possession of examinations, the use of unauthorized notes during an examination, obtaining information during an examination from the textbook or from the examination paper of another student, assisting others to cheat, alteration of grade records, illegal entry or unauthorized presence in an office are examples of cheating. Complete honesty is required of the student in the presentation of any and all phases of course work. This applies to quizzes of whatever length, as well as to final examinations, to daily reports and to term papers.

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.

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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 Special 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 Special Services Coordinator. 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. The Disability Services website is at <http://www.southplainscollege.edu/health/disabilityservices.php>, and email is dvalles@southplainscollege.edu.

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 Chris Straface, Director of Health and Wellness at 806-716-2362 or email cstraface@southplainscollege.edu for assistance.

Non-Discrimination Statement: 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.

Campus Concealed Carry Statement: 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.