

**South Plains College
NCBM 0105.151 - Online
Spring 2023**

Instructor: Mrs. Morgan Groves	Office Hours: MW	9:45am – 10:45am
Email: mgroves@southplainscollege.edu	TR	1pm – 2:30pm
Office: B017	F	9am – 12pm
Office Phone: 806-716-2735		(or by appointment)

Course Structure

- Online with an in-person final exam
 - All work is to be done through the online ALEKS system on your own time.
 - A face-to-face written final exam is mandatory.
 - No calculators for any aspect of this course!

Grading

- ALEKS will evaluate the student's mastery of each math concept
- The student's goal is to earn an ALEKS score of at least 95 on each module.
- Students will take periodic mastery assessments in ALEKS to see how they are progressing.
- The student will take a written assessment (final exam) that will determine the student's final course grade for this NCBM 0105 course.
- The student is expected to attend an in-person written **final exam** on **Monday May 8, 2023 at 5:30pm – 7:30pm at the new Lubbock Downtown Center: 1625 13th St** for a two-hour **written** final exam (NOT multiple choice). ***Specific classroom will be announced closer to finals week.***
 - Performance on this final exam assessment will result in a pass or fail grade for the course.
 - The student must score at least a 70% on the final exam assessment to pass the NCBM 0105 course.
 - A grade of 'P' is assigned for a passing grade, while a grade of 'F' for a failing grade.

Participation

- Any student who does not make progress in the course for 4 consecutive weeks or 5 weeks total may be dropped from the class.
- Weekly e-mail check-ins are expected from each student. Please e-mail mgroves@southplainscollege.edu *before* Fridays at 8am to update your instructor on your progress for that week. You can also ask questions if you need help.
- You are expected to make **weekly progress** in the course working towards the 95% completion.
 - "Progress" is defined as the scores/pie in ALEKS increasing or the student seeks help from the instructor in office hours.

Final Score of 95% in ALEKS Needed by: Monday May 8th at 8:00am

Final Exam

- Monday May 8th at 5:30pm (Downtown campus, Basement).
 - Specific classroom will be announced closer to finals week.
- This exam is WRITTEN and is not multiple choice.
- When you attend the final exam, you will need a photo ID to be allowed to take the exam.
 - Without an ID, you will not be allowed to take the test.
- NO CALCULATORS will be allowed on the exam.

Supplies

- Access to a computer with a reliable internet connection is required for this course.

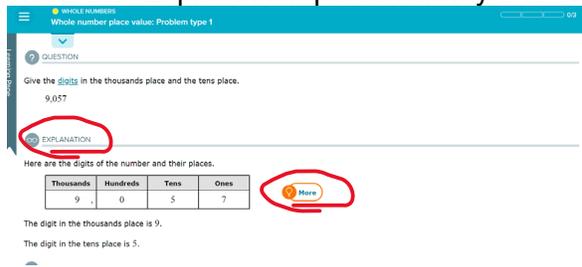
- Transportation to the Downtown campus (1625 13th St) for the final exam is required.

Working in ALEKS:

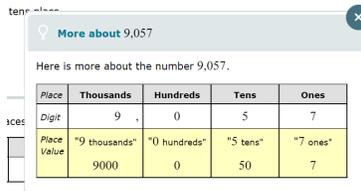
1. Click on the ALEKS link found in Blackboard.
2. Take the Initial Knowledge Check that you are prompted to do. Please do this in one sitting without a calculator.
3. Click on “Start My Path”.



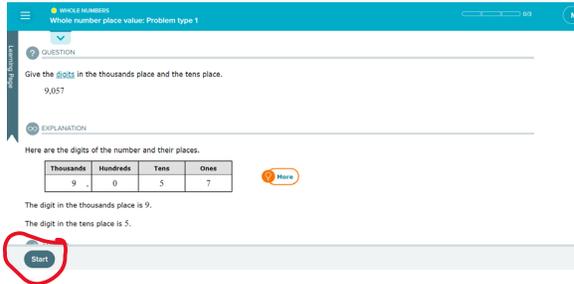
4. Start working!
 - a. Read the “Explanation” portion slowly and carefully on each module and topic.



- b. Click the “more” orange button to see more details.



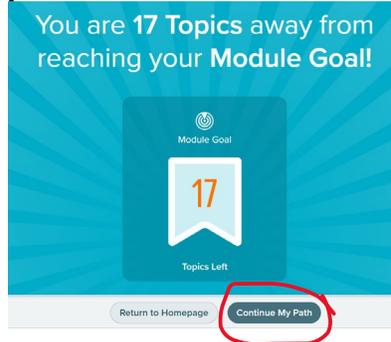
- c. Click the Start button at the bottom left side to begin the assignment and your studies.



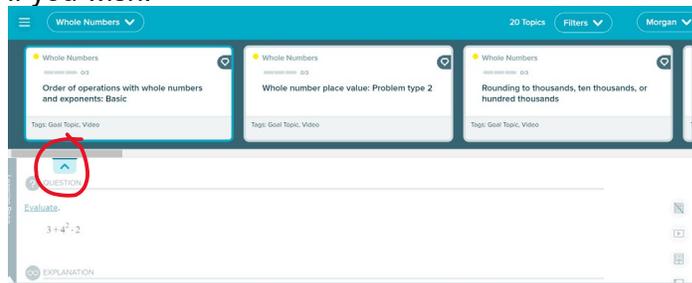
- d. Whenever you get a question correct, your progress bar at the top increases. If the question is answered incorrectly, the progress bar decreases.



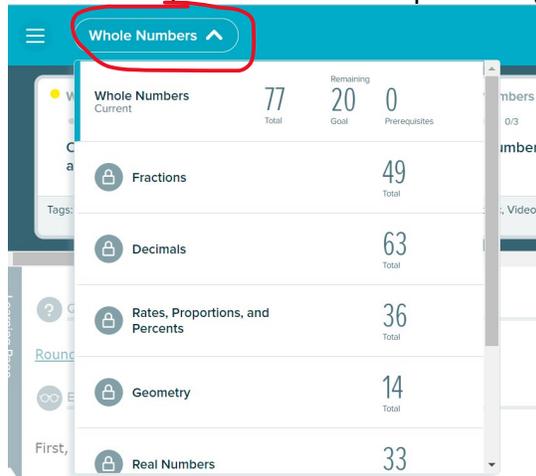
- e. When you have shown mastery for the topic, you get an update on how many topics you have left to work on. Click on **Continue My Path** to keep working.



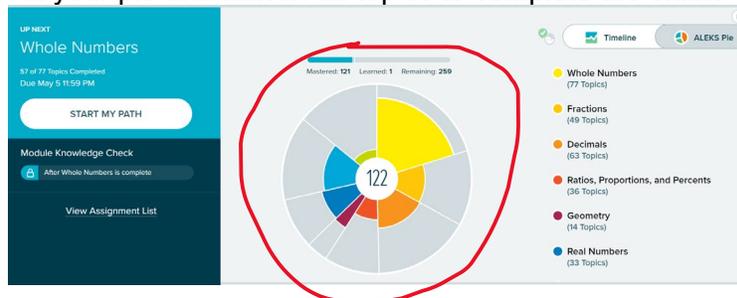
- f. Click the blue arrow to see your dashboard and to navigate to different topic to study if you wish.



- g. Click the dropdown list at the top to change modules.



- h. Fill your pie and master all topics to complete the online course.



Taking the Initial Knowledge Check

- After logging into your ALEKS account, you will need to take the initial knowledge check.
 - Please allow at least one hour for this test.
 - You **cannot** use a calculator on this test or any other assignment in this course.
 - This check should be done **before** the end of the first week of classes.

Calculator

- **NO CALCULATORS!!!!**
- Using a calculator will only harm your progress and set you up for failure in your corequisite course next term.

**South Plains College
Common Course Syllabus: NCBM 0105**

Department: Mathematics, Engineering, and Computer Science

Discipline: Mathematics

Course Number: NCBM 0105

Course Title: Developmental Mathematics

Available Formats: internet

Campuses: Levelland, Downtown Center, Plainview 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 any of the corequisite courses.

Prerequisite: Maximum ABE score of 4 on the TSIA1 or a maximum diagnostic score of 3 on the TSIA2.

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

Textbook: None, use of online system 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.

- 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: Student must take a written end of semester assessment covering the information covered in the online system.

Course Evaluation: ALEKS will evaluate the student's mastery of each math concept and provide the student with a score between 0 and 100. The student's goal is to earn an ALEKS score of at least 95 on each module, which should provide a strong background of mathematical understanding for the final assessment (final exam). At the end of the semester, the student will take a written assessment (final exam) that will determine the student's final course grade for this NCBM 0105 course. The student is expected to attend an in-person **final exam** on **Monday May 8, 2023 at 5:30pm** for a two-hour **written** final exam (NOT multiple choice). Performance on this final exam assessment will result in a pass or fail grade for the course. The student must score at least a 70% on the final exam assessment to pass the NCBM 0105 course. A grade of 'P' is assigned for a passing grade, while a grade of 'F' for a failing grade. In order to be fully prepared for the final assessment, it is strongly recommended that the student master enough topics in the ALEKS system to obtain a score of at least 95 on each module.

Attendance Policy: The student will be required to communicate with the instructor at least **once** per week and work in ALEKS each week for the duration of the course. Failure to do so will result in the student possibly being dropped from the course.

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

- 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;
- Cutting and pasting together information from books, articles, other papers, or online sites without providing proper documentation;
- Using direct quotations (three or more words) from a source without showing them to be direct quotations and citing them; or
- Missing in-text citations.

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

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

Student Code of Conduct Policy: Any successful learning experience requires mutual respect from the student and the instructor. Neither the instructor nor the student should be subject to others' rude, disruptive, intimidating, aggressive, or demeaning behavior. 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.

South Plains College policies concerning diversity, disabilities, non-discrimination, Title IX Pregnancy Accommodations, and Campus Concealed Carry Statements can be found here:

<https://www.southplainscollege.edu/syllabusstatements/>.

South Plains College policies, return to campus plan, and protocols regarding COVID-19 can be found here: <https://www.southplainscollege.edu/emergency/covid19-faq.php>.

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.

Week	Topics*	Email Professor before Date Below**
1	Initial Knowledge Check; Whole Numbers	Jan 20 th
2	Whole Numbers	Jan 27 th
3	Fractions	Feb 3 rd
4	Decimals	Feb 10 th
5	Ratios, Proportions, and Percent	Feb 17 th
6	Geometry	Feb 24 th
7	Real Numbers	Mar 3 rd
8	Real Numbers	Mar 10 th
	Spring Break	
9	Evaluating Expressions & Solving Equations	Mar 24 th
10	Evaluating Expressions & Solving Equations	Mar 31 st
11	Exponents, Polynomial Arithmetic	Apr 7 th
12	Factoring	Apr 14 th
13	Factoring	Apr 21 st
14	Complex Numbers and Radicals	Apr 28 th
15	Solving Quadratic Equations	May 5 th
16	Final Exam May 8th, 5:30pm	

Last Day to Drop: April 27, 2023

*This calendar is a **suggested** order and pacing for students. It is **not** a requirement for students to stick to these topics in this order or on this time-table. There is no "getting ahead" in this course. Students can work at their own pace but need to be making regular progress each week. The **ONLY** way to pass this class is to pass the final exam with 70% or higher.

As part of the participation policy (see page 1 of the syllabus), students are required to send weekly e-mail updates on their progress to the instructor. Please have your detailed email sent **before 8am each Friday.