

## Math 24A Section 1

**Course:** Math 24A Basic Algebra and Sets Section 1  
**Credits:** 2 (no graduation credit).  
**Instructor:** Laura Bracken  
**Office Hrs:** 9 – 10:30 am, Mon – Thursday  
**Office:** Room B4, Meriwether Lewis Hall (MLH) basement,  
accessible by elevator.  
**Phone:** 792-2484 (voice mail); 792-2064 (fax); 792 – 2295 (division secretary)  
**E-mail:** [bracken@lsc.edu](mailto:bracken@lsc.edu)  
**Text:** Elementary Algebra, Bracken and Miller; will be passed out in class.  
**Calculator:** Scientific calculator is required. (TI-30X or similar)  
**Prerequisite:** MA 15 (C or better) or ACT score > 15 or SAT score > 380 or COMPASS  
Pre-algebra score of 46-100 or COMPASS Algebra score of 0 – 45.

### Purpose

Successful completion of both Math 24A and Math 24B is sufficient preparation for Finite Math (MATH 130 or Math 130A-B); Algebra and Trigonometry with Applications (MATH 137); or Intermediate Algebra (MATH 108).

### Description

The content in this course includes a brief review of signed number arithmetic, solving equations in one variable, graphing linear equations in two variables, slope, equations of a line, relations and functions, exponential expressions, scientific notation, and using these concepts to solve application problems.

**If course adaptations or accommodations are needed because of a disability, if you need to make me aware of emergency medical information, or if you will need special arrangements in case of building evacuation, please contact me as soon as possible or by the 10th day of the semester. If extraordinary circumstances that occur during the semester make it impossible for you to meet the requirements of the course, contact me in person or by phone during office hours or by appointment or send an e-mail. If you have received accommodations that include taking tests in an alternative environment, you are responsible for making an appointment to do so with the Office of Student Life (Reid Hall, 792-2211).**

**The last date to drop this class without a permanent entry on your transcript is Sept 8. The last date to withdraw from this course with a W on your transcript is Oct 31. After that date, withdrawal is permitted only by petition and approval by the division chair. The division chair requires documentation of extraordinary circumstances that prevented you from withdrawing by Oct 31.**

You are expected to monitor your LCMail student account for class announcements, even if you do not own a personal computer or have an Internet connection at home. Computer access is provided for all students on campus.

## Math 24A Section 1

### Methods of Instruction

Concepts will be introduced through reading, lectures, and small group activities. You will practice mathematics skills on homework assignments. You should expect to spend **at least 4 hours a week** doing homework. Extra help is available from me during office hours and from tutors in the Math/Science Tutoring Center on campus (MLH main floor).

### Grading

**Semester Grade Scale:** You will receive an estimated semester grade after each exam.

A	A-	B+	B	B-	C+	C	D	F
≥93%	≥90%	≥88%	≥83%	≥80%	≥78%	≥70%	≥60%	<60%

### Mastery Skill Quizzes.

Every skill quiz must be passed to pass this class. **If you have even one skill quiz that is not successfully completed by the end of the semester, you will fail this class.** If you make a mistake on the quiz, you must retake it at the end of class or during office hours. If you retake a quiz that you've already passed and you fail it, you must retake it again until you pass it again. All other papers must be completely cleared from the desk when completing a skill quiz. Carefully note whether a calculator is allowed. **No sharing of calculators** is allowed. Cheating is absolutely unacceptable and is a violation of the student code of conduct.

**Exams: 55% of semester grade** There are no retakes.

Make up exams are allowed only if you contact me by 2 pm the day of the test by phone or e-mail and you have an acceptable excuse for missing the test. Acceptable excuses do not include change in work schedule or mild illnesses. My campus e-mail is [bracken@lcsc.edu](mailto:bracken@lcsc.edu); my phone with voice mail is 208-792-2484.

**Final Exam: 20% of your semester grade.** The final exam includes all the concepts from the semester. You must take the final exam to pass the course. It will not be available early.

**Homework Exercises: 20% of your semester grade No late work is accepted.**

These will be collected in class the day after they are assigned. It is your responsibility to make sure that you are doing the problems correctly; answers for most homework problems are found in the text at the end of each chapter. Only selected problems are graded. It is your responsibility to ask for help.

**Even if you have a good reason for not having homework done, late work is not accepted.** You should still complete the assignment and check your answers. One homework grade earned during the semester will be dropped at the end of the semester. Save this "free assignment" for illness or emergencies. If an extraordinary circumstance comes up in your life that will prevent you from completing homework for more than one week, please let me know.

**Group Activities: 5% of your semester grade.** These will be completed in class and cannot be made up. Regular attendance is essential.

**Expectations for Classroom Behavior.**

- **Be on time.**
  - It is better to attend for even ten minutes than to miss class. I will not embarrass you if you enter late. If we are doing a group exercise, do not expect the group to wait for you or help you to catch up. You will not earn the points for the group exercise if you arrive too late.
- **Do not interrupt the learning of others.**
  - You may quietly leave the room to use the bathroom or to get a drink of water. Cell phones and pagers should be turned off or in vibration mode.
  - Do not conduct social conversations with other students while I am lecturing. However, you should feel free to ask questions at any time during lecture.
  - Do not do your homework during class. This distracts other students.
  - Bringing children to class should be avoided.

**Academic Dishonesty:**

According to the Lewis-Clark State College Student Code of Conduct found in the Student Handbook, cheating or plagiarism in any form is unacceptable. All work submitted by a student must represent his/her own ideas, concepts and current understanding. Academic dishonesty includes cheating, fabrication, helping others to cheat, and plagiarism. **Examples of academic dishonesty include looking at previous skill quizzes or notes during a skill quiz, allowing someone to copy your homework, telling someone in the afternoon section about the test in the morning section, submitting answers from the back of the book instead of actually doing the problems, copying someone else's work on a test or skill quiz, or using a calculator when told not to do so.** Collaborative homework is acceptable as long as all the participants fully participate in the work. Students are encouraged to work together on homework and to study together for exams. There is a clear difference between collaboration and copying.

**Academic dishonesty in this course will result in a grade of F** and the code of conduct violation will be reported to the appropriate administrative office for further action.

## Math 24A Section 1

### Math Placement

<u>ACT Math</u>	<u>SAT Quant</u>	<u>COMPASS</u>	<u>Course</u>
1-15	200-380	Pre-Algebra 0-45	MATH 015 Arithmetic and Pre-Algebra
16-18	390-460	Pre-Algebra 46-100 Algebra 0-45	MATH 024 Elementary Algebra MATH 025 Basic Algebra and Geometry
19-36	470-800	Algebra 46-100	MATH 108 Intermediate Algebra MATH 123 Mathematics for Technology MATH 130 Finite Mathematics MATH 137 Algebra/Trig with Applications
23-36	550-800	Algebra 61-100	MATH 143 College Algebra MATH 157 Math/Elem School Teachers MATH 186 Discrete Mathematics MATH 254 Statistical Methods/Sciences
27-36	630-800	College Algebra 51-100	MATH 144 Trigonometry MATH 160 Brief Calculus
29-36	660-800	Trigonometry 51-100	MATH 170 Calculus I

### LCSC Mathematics Course Flow Chart

Courses which fulfill the Math Skills Component are shaded.  
MATH 157/257 meet the Math Skills Requirement as a pair only.  
MATH 143/144 meet the MATH Skills Requirement as a pair only.