

### Instructor Information

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|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Instructor</b>                     | Chesney Culver                                                                                                                                    |
| <b>Email</b>                          | culvercb@lamarpa.edu                                                                                                                              |
| <b>Phone</b>                          | (409) 984-6574                                                                                                                                    |
| <b>Office</b>                         | Student Center - Room: 414                                                                                                                        |
| <b>Office Hours</b>                   | Monday- Friday 10 am - noon (Fridays online only by appointment. Please email me for an appointment.)                                             |
| <b>Additional Contact Information</b> | Please do not use Blackboard to contact me. If you need to reach me please send me an email with your class ID and section number (DMTH 0110-71). |

### Course Information

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|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                    | Concepts of basic algebra. Operations on real numbers and polynomials, solving equations, inequalities and systems, graphing, and problem solving are included. This is a corequisite taken only with DMTH 0310 in the same semester/part of term.                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Required Textbooks</b>             | <p><b><i>Textbook Purchasing Statement: A student attending Lamar State College Port Arthur is not under any obligation to purchase a textbook from the college-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.</i></b></p> <p>Elementary Algebra, 2nd Edition, by Openstax, 2020.</p> <p>This is an open source text, available for free online at: <a href="https://openstax.org/details/books/elementary-algebra-2e">https://openstax.org/details/books/elementary-algebra-2e</a></p> <p><b>-All materials will be free and posted to the course's Blackboard page.</b></p> |
| <b>Additional Materials/Resources</b> | -While it is not required, students may find a calculator helpful. Students may use a TI 30 XS or a basic four function calculator. No other calculators will be allowed. The testing center and instructor will not provide calculators, if the student wishes to use one, they must bring their own.                                                                                                                                                                                                                                                                                                                                                   |
| <b>Corequisites/Prerequisites</b>     | · This is a co-requisite support section for students taking DMTH 0310 who are not currently TSI compliant. Students in this co-requisite section must also be enrolled in DMTH 0310 for the same semester. Please see LSCPA's placement guidelines for developmental math courses.                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Learning Outcomes</b>              | <ol style="list-style-type: none"> <li>1. Students will learn how to solve linear equations and applications</li> <li>2. Students will determine the slopes, intercepts, equations and graphs of lines</li> <li>3. Students will solve systems of equations in two variables by substitution and addition</li> <li>4. Students will add, subtract, multiply, divide and factor polynomials</li> <li>5. Students will translate, develop a strategy and solve related application problems</li> <li>6. Students will utilize an outline learning system to demonstrate math proficiency</li> </ol>                                                        |
| <b>Core Objectives</b>                | <p>- Communication skills: Students will demonstrate effective written, oral and/or visual communication.</p> <p>-Critical Thinking Skills: Students will engage in creative and/or innovative thinking, and/or inquiry, analysis, evaluation, synthesis of information, organizing concepts and constructing solutions.</p> <p>-Empirical and Quantitative Skills: Students will demonstrate applications of scientific and mathematical concepts.</p>                                                                                                                                                                                                  |
| <b>Lecture Topics Outline</b>         | <p>Chapter 1 Foundations</p> <ul style="list-style-type: none"> <li>• <a href="#">1.1 Introduction to Whole Numbers</a></li> <li>• <a href="#">1.2 Use the Language of Algebra</a></li> <li>• <a href="#">1.3 Add and Subtract Integers</a></li> <li>• <a href="#">1.4 Multiply and Divide Integers</a></li> <li>• <a href="#">1.5 Visualize Fractions</a></li> <li>• <a href="#">1.6 Add and Subtract Fractions</a></li> <li>• <a href="#">1.7 Decimals</a></li> <li>• <a href="#">1.8 The Real Numbers</a></li> <li>• <a href="#">1.9 Properties of Real Numbers</a> <a href="#">1.10 Systems of Measurement</a></li> </ul>                            |

## Chapter 2 Solving Linear Equations and Inequalities

- [2.1 Solve Equations Using the Subtraction and Addition Properties of Equality](#)
- [2.2 Solve Equations using the Division and Multiplication Properties of Equality](#)
- [2.3 Solve Equations with Variables and Constants on Both Sides](#)
- [2.4 Use a General Strategy to Solve Linear Equations](#)
- [2.5 Solve Equations with Fractions or Decimals](#)

## Chapter 4 Graphs

- [4.1 Use the Rectangular Coordinate System](#)
- [4.2 Graph Linear Equations in Two Variables](#)
- [4.3 Graph with Intercepts](#)
- [4.4 Understand Slope of a Line](#)
- [4.5 Use the Slope-Intercept Form of an Equation of a Line](#)
- [4.6 Find the Equation of a Line](#)
- [4.7 Graphs of Linear Inequalities](#)

## Chapter 5 Systems of Linear Equations

- [5.1 Solve Systems of Equations by Graphing](#)
- [5.2 Solving Systems of Equations by Substitution](#)
- [5.3 Solve Systems of Equations by Elimination](#)
- [5.4 Solve Applications with Systems of Equations](#)
- [5.5 Solve Mixture Applications with Systems of Equations](#)
- [5.6 Graphing Systems of Linear Inequalities](#)

## Chapter 6 Polynomials

- [Introduction](#)
- [6.1 Add and Subtract Polynomials](#)
- [6.2 Use Multiplication Properties of Exponents](#)
- [6.3 Multiply Polynomials](#)
- [6.4 Special Products](#)
- [6.5 Divide Monomials](#)
- [6.6 Divide Polynomials](#)
- [6.7 Integer Exponents and Scientific Notation](#)

## Chapter 7 Factoring

- [Introduction](#)
- [7.1 Greatest Common Factor and Factor by Grouping](#)
- [7.2 Factor Trinomials of the Form  \$x^2+bx+c\$](#)
- [7.3 Factor Trinomials of the Form  \$ax^2+bx+c\$](#)
- [7.4 Factor Special Products](#)
- [7.5 General Strategy for Factoring Polynomials](#)
- [7.6 Quadratic Equations](#)

## Major Assignments Schedule

01/21/2025 First Class Day

02/05/2025 Census Date

02/24/2025 Final day to drop without penalty

03/07/2025 All assignments from chapter one and two and Midterm One due at 4PM (FROM DMTH 0310)

March 10-14, 2025 Spring Break – no classes

04/04/2025 All assignments from chapter four and five and Midterm Two due at 4PM (FROM DMTH 0310)

04/18/2025 Good Friday – campus closed

04/18/2025 Final Day to drop with penalty

05/09/2025 All assignments from chapter six and seven and the Final Exam due at 4PM (FROM DMTH 0310)

05/15/2025 Last Class Day May 15

05/15/2025 Final grades for graduates due by 4:00 pm

05/16/2025 Final grades for all others due at noon

05/16/2025 Spring Commencement

**Final Exam Date**

May 9, 2025 - 11:59 PM

**Grading Scale**

This co-requisite section is given on a PASS/FAIL basis:

SD = Satisfactory (PASS)

UD = Unsatisfactory (FAIL)

**Determination of  
Final Grade**

**Students can obtain a passing mark (SD) in this section by earning 1600 points or more on the course materials posted in the Blackboard modules.**

**Course Expectations:**

·Video Lessons: Each section in the Modules contains a short series of video lessons which must be completed before the Module Quiz is due. There are a total of 1580 points available from these video lessons.

·Homework: Each series of Video Lessons is followed by an optional homework problem set. These problem sets are provided to help you prepare or review for the Module Quiz. **The homework sets do not count toward or against your overall grade.**

·Quiz: Each module contains a Quiz covering the Module materials and must be completed for each Module. There are a total of 500 points available from these quizzes.

**Please remember you must earn 1600 of the 2080 points available in order to pass the class.**

**Course Policies**

**Instructor Policies**

**Policies:**

·This syllabus is subject to change as needed throughout the semester. Any major changes will be accompanied by an announcement in class, via email, or posted on Blackboard.

·All relevant information about this course will be communicated to students using announcements posted on Blackboard. You will receive an email copy of each announcement, but replies to those emails will not be monitored nor receive a response.

·Students should use their LSCPA email to communicate with the instructor: any communications from personal email accounts (gmail.yahoo.etc.) may be ignored.

·Students must use appropriate email etiquette when corresponding with the instructor; for example, complete sentences and a full subject line with your name and course name. Voice mail messages should be clearly spoken identifying students' name, course, and return phone number.

·Emails or messages determined by the instructor to be rude or disrespectful will not be responded to and will possibly be forwarded to the student's department chair or program coordinator.

·Students may check their grades in their Blackboard gradebook. If the student wishes to discuss their grades they may email the instructor and request an appointment to meet with the instructor.

·The instructor will not discuss any grades over email or phone calls.

·Students are responsible for informing the instructor if they are unable to access any course materials. There will be no late work or credit given for assignments missed for this reason.

**Attendance Policy**

Since this is an online course and we will not be meeting in person, the rate and pace of attendance is left somewhat up to the student. It is the sole responsibility of the student to make sure that they are current and up to date in the material and to participate in all posted assignments and activities, and they are expected to do so out of their own desire to learn and succeed. The student's online participation will be observed to an extent, and for any borderline cases of assigning final grades, this record will be taken into consideration.

·All coursework will be opened on Jan. 21st 2025 and closed on Friday, May 9th 2025 at 11:59 pm. **There will be no late work accepted. Please do not ask.**

**Additional Information**

**Institutional Policies**

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| <b>MyLSCPA</b>                                        | Be sure to check your campus email and Course Homepage using MyLSCPA campus web portal. You can also access your grades, transcripts, academic advisors, degree progress, and other services through <a href="#">MyLSCPA</a> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Academic Honesty</b>                               | Academic honesty is expected from all students, and dishonesty in any form will not be tolerated. Please consult the LSCPA policies (Academic Dishonesty section in the Student Handbook) for consequences of academic dishonesty.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ADA Considerations</b>                             | The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the <a href="#">Disability Services Coordinator</a> , Room 117, in the Student Success Center. The phone number is (409) 984-6241.                                                                                                                                                                                                                                       |
| <b>COVID 19 Information</b>                           | The Lamar State College Port Arthur (LSCPA) Student Code of Conduct COVID 19 Policy requires students who have been diagnosed with COVID 19 to report their condition directly to their local health department. Students should also contact their course faculty to report their quarantine status. In addition, this policy requires all students to wear face coverings when directly exposed to COVID 19 in compliance with the criteria included in the policy. For more information please refer to the COVID 19 link on the LSCPA website.                                                                                                                                                                                                                                                           |
| <b>Facility Policies</b>                              | No food or tobacco products are allowed in the classroom. Only students enrolled in the course are allowed in the classroom, except by special instructor permission. Use of electronic devices is prohibited.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>HB 2504</b>                                        | This syllabus is part of LSCPA's efforts to comply with Texas House Bill 2504.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Mandatory Reporting of Child Abuse and Neglect</b> | As per Texas law and LSCPA policy, all LSCPA employees, including faculty, are required to report allegations or disclosures of child abuse or neglect to the designated authorities, which may include a local or state law enforcement agency or the Texas Department of Family Protective Services. For more information about mandatory reporting requirements, see <a href="#">LSCPA's Policy and Procedure Manual</a> .                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Title IX and Sexual Misconduct</b>                 | LSCPA is committed to establishing and maintaining an environment that is free from all forms of sex discrimination, including sexual harassment, sexual violence, and other forms of sexual misconduct. All LSCPA employees, including faculty, have the responsibility to report disclosures of sexual misconduct, including sexual harassment, sexual assault (including rape and acquaintance rape), domestic violence, dating violence, relationship violence, or stalking, to LSCPA's Title IX Coordinator, whose role is to coordinate the college's response to sexual misconduct. For more information about Title IX protections, faculty reporting responsibilities, options for confidential reporting, and the resources available for support visit <a href="#">LSCPA's Title IX website</a> . |
| <b>Clery Act Crime Reporting</b>                      | For more information about the Clery Act and crime reporting, see the <a href="#">Annual Security &amp; Fire Safety Report</a> and the <a href="#">Campus Security website</a> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Grievance / Complaint / Concern</b>                | If you have a grievance, complaint, or concern about this course that has not been resolved through discussion with the Instructor, please consult the Department Chair.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Department Information</b>                         | <p>General Education and Developmental Studies</p> <p>Chair: <a href="#">Dr. Steven Zani</a><br/>Email: <a href="mailto:zanisj@lamarpa.edu">zanisj@lamarpa.edu</a><br/>Phone: (409) 984-6431</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |