



# MATH 2412

Pre-Calculus

Faculty:

OC Faculty

## Faculty Information

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Insert  
Photo  
Here

**Name:** Instructor Name

**E-Mail:** email@odessa.edu

**Phone:** 432 - 335 - XXXX

**Office:** WOOD 2XX

### Office Hours

**Campus Office Hours:**

**Online Office Hours:**

## About Your Instructor

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### Preferred Method of Communication:

### Expectations for Engagement for Instructor:

As an instructor, I understand the importance of clear, timely communication with my students. In order to maintain sufficient communication, I will

- provide my contact information at the beginning of the syllabus;
- respond to all messages within 24 hours if received Monday through Thursday, and within 48 hours if received Friday through Sunday; and,
- notify students of any extended times that I will be unavailable and provide them with alternative contact information (for me or for my supervisor) in case of during the time I am unavailable.

As an instructor, I understand that my students will work to the best of their abilities to fulfill the course requirements. In order to help them in this area, I will

- provide clear information about grading policies and assignment requirements in the course syllabus, and
- communicate any changes to assignments and/or to the course calendar to students as quickly as possible.

As an instructor, I understand that I need to provide regular, timely feedback to students about their performance in the course. To keep students informed about their progress, I will

- post grades for discussion postings within one week of the discussion thread closing.
- provide grades for major assignments within 2 weeks of the due date or at least 3 days before the next major assignment is due, whichever comes first.

## Textbook Information and Required Hardware/Software

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**Textbook(s):** Required Textbook: Precalculus by Stewart, 7e Edition, Brooks/Cole Cengage Learning

Materials: Scientific Calculator, Graphing paper (optional), may purchase an e-book with the webassign code.

## Information About the Course

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Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing.

**Course Prerequisites:** MATH 1314 passed with a C or better or equivalent

**Course Topics:** This course will cover chapters 4-9, 11, & 13 of the textbook.

### Course Student Learning Outcomes

**Upon successful completion of this course, students will:**

1. Demonstrate understanding and knowledge of properties of functions.
2. Recognize and apply algebraic and transcendental functions and solve related equations.
3. Apply graphing techniques to algebraic and transcendental functions.
4. Compute the values of trigonometric functions for key angles in all quadrants of the unit circle measured in both degrees and radians.
5. Prove trigonometric identities.
6. Solve right and oblique triangles.

### Grading

| <i>Type of Assignment</i>                | <i>Percentage</i> |
|--|-------------------|
| <b>Homework and Homework Checks</b>      | 30%               |
| <b>Class Participation/In-Class Work</b> | 10%               |
| <b>Exams</b>                             | 35%               |
| <b>Project</b>                           | 10%               |
| <b>Final Exam</b>                        | 15%               |

## Grading Scale:

“A” = 90-100

“B” = 80-89

“C” = 70-79

“D” = 60-69

“F” = 0-59

## Course Schedule

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Varies among instructors. Students should check their course syllabus in the course Blackboard shell.

## Student Course Participation

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**As a student, I understand that I am responsible for keeping up with the course. To help with this, I will**

- identify alternative computer and internet access in case my primary computer crashes or my internet service is unavailable;
- recognize that the college provides free wi-fi and computer labs during regular campus hours to help me with accessing my course; and,
- understand that my instructor does not have to accept my technical issues as a legitimate reason for late or missing work if my equipment or service is unreliable.

**As a student, I understand that it is my responsibility to communicate quickly with the instructor any issue or emergency that will impact my involvement with or performance in the class. This includes, but is not limited to**

- getting “kicked off” of the system during tests or quizzes;
- having trouble submitting assignments; and
- dealing with a traumatic personal event.

**As a student, I understand that it is my responsibility to understand course material and requirements and to keep up with the course calendar. While my instructor is available for help and clarification, I will**

- seek out help from my instructor and/or from tutors;
- ask questions if I don’t understand; and
- access my course several times during the week to keep up with assignments and announcements.

**As a student, I understand that I will have the opportunity to provide feedback on my experience in this course through an end-of-course Student Evaluation of Instruction (SEI).**

## Course Policies

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### Disclaimer

This syllabus is tentative and subject to change in any part at the discretion of the instructor. Any changes will be in accordance with Odessa College policies. Students will be notified of changes, if any, in a timely manner.

## **Original Effort**

The work submitted for this course must be original work prepared by the student enrolled in this course.

## **Digital Protocol**

Cell phones must be placed on either *vibrate* or *silent* mode and are to be accessed in emergency cases only. The use of laptops or any other digital device is permitted in order to facilitate learning. Cell phones, laptops or other digital devices will not be permitted for use on quizzes or exams.

## **Attendance:**

Attendance is mandatory in order to succeed in this class.

## **Punctuality:**

Be on time for class. Class will start on time.

## **Courteous:**

Please be courteous. Be considerate of others.

## **Homework**

Homework will be assigned for each section. The homework is due the next class period.  
ALL WORK SHOULD BE DONE IN PENCIL.

## **Quizzes (homework checks)**

Quizzes will generally be given near the end of class. There will generally be at least one quiz per week. If absent, make-up quizzes need to be taken within three days of returning. Otherwise, you will get a 0 for the quiz.

## **Communication**

Communication plays a vital role in a student's success.

## **Project**

There will be a project problem that will count 10% of your grade.

## **Exams**

Exams are generally given at the end of each chapter. If absent, make-up tests need to be taken within three days of returning. Otherwise, you will get a 0 for the test.

## **Tutoring**

Tutoring is available through Developmental Studies and in the OC Math Lab. The hours for the math lab are Mon-Thurs 8:30 AM – 8:30 PM and Fri 8:00 AM – 1:00 PM.

The OC Math Lab is sometimes open on weekends in the afternoons.

As part of the Design for Completion initiative, your Odessa College Student Success Coach and faculty mentor will help you stay focused and on track to complete your educational goals.

If an instructor sees that you might need additional help or success coaching, he or she may submit a Retention Alert. Your Student Success Coach or faculty mentor will contact you to work toward a solution.

## Grade Inquiry

It is the responsibility of the student to keep track of assignment submissions and grades. At any point, you are welcome to meet with the instructor to discuss your academic progress. Contact the instructor to schedule an appointment.

## General Course Requirements

1. Attend class and participate.
2. Contribute and cooperate with civility.
3. **Submit assignments on time. There will be no make-ups for missed quizzes.**

## Incomplete Policy

An 'Incomplete' grade may be given only if:

1. The student has passed all completed work
2. If he/she has completed a minimum of 75% of the required coursework. A grade of an "I" will only be assigned when the conditions for completions have been discussed and agreed upon by the instructor and the student.
3. An Incomplete form is submitted

## Odessa College Policies

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### Tuition Discounts

The ***"First Course is Free"*** discount waives standard tuition and fees for the first 3 credit hours taken at Odessa College. The discount applies to high school graduates taking their first class at Odessa College as well as transfer students taking their first class at Odessa College.

The ***"Academic Progress Discount"*** provides a 10% tuition discount upon completion of 30 credit hours until reaching 45 credit hours. It provides a 20% discount upon completion of 45 credit hours until reaching 60 credit hours. Student must maintain a 2.0 GPA to remain eligible for the discount.

### Academic Policies

Note that the OC Student Handbook states (page 32) that "[i]n cases of academic dishonesty, the instructor has the authority to impose appropriate scholastic penalties. Complaints or appeals of disciplinary sanctions may be filed in accordance with the college due process procedure. Copies of the college due process procedure are available in the office of The Director of Student Life (CC104)."

For more information on your rights and responsibilities as a student at Odessa College, please refer to the following: *The 411 of OC: Student Handbook 2012-2013; Student Rights & Responsibilities*  
<http://www.odessa.edu/dept/studenthandbook/handbook.pdf>

### Scholastic Dishonesty

Scholastic dishonesty shall constitute a violation of these rules and regulations and is punishable as prescribed by board policies. Scholastic dishonesty shall include, but not be limited to, cheating on a test, plagiarism and

collusion.

**"Cheating on a test" shall include:**

- Copying from another student's test paper
- Using test materials not authorized by the person administering the test.
- Collaborating with or seeking aid from another student during a test without permission from the test administrator.
- Knowingly using, buying, selling, stealing or soliciting, in whole or in part, the contents of an unadministered test.
- The unauthorized transporting or removal, in whole or in part, of the contents of the unadministered test.
- Substituting for another student, or permitting another student to substitute for one's self, to take a test.
- Bribing another person to obtain an unadministered test or information about an unadministered test.
- "Plagiarism" shall be defined as the appropriating, buying, receiving as a gift, or obtaining by any means another's work and the unacknowledged submission or incorporation of it in one's own written work.
- "Collusion" shall be defined as the unauthorized collaboration with another person in preparing written work for fulfillment of course requirements. (Source: *Odessa College Student Handbook 2012-2013, page 29-30*)

### **Special Populations/Disability Services/Learning Assistance**

Odessa College complies with Section 504 of the Vocational Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. If you have any special needs or issues pertaining to your access to and participation in this or any other class at Odessa College, please feel free to contact me to discuss your concerns. You may also call the Office of Disability services at 432-335-6861 to request assistance and accommodations.

Odessa College affirms that it will provide access to programs, services and activities to qualified individuals with known disabilities as required by **Section 504 of the Rehabilitation Act of 1973 and Title II of the Americans with Disabilities Act of 1990 (ADA)**, unless doing so poses an undue hardship or fundamentally alters the nature of the program or activity. Disabilities may include hearing, mobility or visual impairments as well as hidden disabilities such as chronic medical conditions (arthritis, cancer, diabetes, heart disease, kidney disorders, lupus, seizure disorders, etc.), learning disabilities or psychiatric or emotional disabilities. A student who comes to Odessa College with diagnosed disabilities which may interfere with learning may receive accommodations when the student requests them and submits proper documentation of the diagnosis. A Request for Accommodations form and guidelines for beginning the request process are available in the OC Help Center or on the Odessa College web site at <http://www.odessa.edu/dept/counseling/disabilities/index.htm>. The college strives to provide a complete and appropriate range of services for students with disabilities such as assistance with testing, registration, information on adaptive and assistive equipment, tutoring, assistance with access and accommodations for the classroom where appropriate. For information regarding services, students with disabilities should contact the Office of Disability Services in the OC Help Center located in Room 204 of the Student Union Building or call 432-335-6433. (Source: *Odessa College Catalog of Courses 2012-2013, page 52*)

## Dropping a Course or Withdrawing from College

Students wishing to drop a non-developmental course may do so online using WebAdvisor, at the Wrangler Express, or Registrar's Office. A student wishing to drop a developmental course or withdraw from college should obtain a drop or withdrawal form from the Wrangler Express or the Registrar's Office. Students are encouraged to consult with instructors prior to dropping a class. Students may not completely withdraw from the college by use of the Web. Students must drop a class or withdraw from college before the official withdrawal date stated in the class schedule. Students who are part of the Armed Forces Reserves may withdraw with a full refund if the withdrawal is due to their being ordered into active duty. A copy of the student's orders must be presented to the Registrar's Office at the time of the withdrawal. For details, please contact the Office of the Registrar. **No longer attending class does not automatically constitute withdrawal from that class, nor does a student's notification to an instructor that the student wishes to be dropped. Failure of a student to complete the drop/withdrawal process will result in a grade of "F."** (Source: *Odessa College Catalog of Courses 2012-2013, page 36*)

## Student Support Services and Technical Support

### Blackboard Support

#### I can't log into my Blackboard Course, who do I contact?

Contact the Student Success Center: 432-335-6673 or online at [https://www.odessa.edu/dept/ssc/helpdesk\\_form.htm](https://www.odessa.edu/dept/ssc/helpdesk_form.htm). The SSC can provide you with your Blackboard login name. If you are not sure what your password is, they can reset your password.

#### I'm having a problem in my Blackboard Course, who do I contact?

For any problem that you have in your online course, always contact your Instructor first. Refer to the Instructor's Contact Information area of the Syllabus for their preferred method of contact and the expected response time.

### Additional Blackboard Help Resources:

| Service  | Assistance Provided   | Available                             |
|--|---|---------------------------------------|
| <b>Blackboard Help for Students</b>                        | Website with a searchable list of topics on how to navigate and use Blackboard for online courses.  | Online<br><a href="#">Click here.</a> |
| <b>Blackboard On Demand Learning Center for Students</b>   | This website provides an extensive list of short tutorial videos for student activities performed in Blackboard.  | Online<br><a href="#">Click here.</a> |
| <b>Blackboard Collaborate: First Time Users</b>            | If you have never used Blackboard Collaborate before, this website provides a system requirements check, configuration instructions, and training and resources area.                             | Online<br><a href="#">Click here.</a> |
| <b>Blackboard Collaborate: Essentials for Participants</b> | This website provides essential information for Participants of Collaborate sessions. Any Collaborate user, whether first-time or experienced, would benefit from reviewing the information here. | Online<br><a href="#">Click here.</a> |

## Student E-mail Support

### How do I set up, access, or update my Odessa College Student E-mail account?

Go to this website and follow the directions on the page: <http://www.odessa.edu/gmail/>.

### I can't access my student email! I forgot my password!

Contact the Student Success Center: 432-335-6673 or online at

[https://www.odessa.edu/dept/ssc/helpdesk\\_form.htm](https://www.odessa.edu/dept/ssc/helpdesk_form.htm). They can provide you with assistance in accessing your student email (created by OC) and can also assist with resetting your student email password. Make sure to have your student ID number available!

**Your Blackboard login name is associated with your OC created student email account. All Correspondence for this course will be submitted using your Odessa College student email address.**

## Support for Students with Disabilities

### How do I contact the Office of Special Populations?

|                        |   |
|------------------------|---|
| <b>Main Number</b>     | 432-335-6861  |
| <b>Campus Location</b> | SUB 204N in the Student Union Building  |
| <b>Email</b>           | Becky Rivera-Weiss - <a href="mailto:brivera@odessa.edu">brivera@odessa.edu</a>   |
| <b>Website</b>         | To find out more about services provided by the Special Populations office, please visit: <a href="http://www.odessa.edu/dept/counseling/disabilities/index.htm">http://www.odessa.edu/dept/counseling/disabilities/index.htm</a> |

## MURRY H. FLY LIBRARY

|   |   |
|---|---|
| <b>Main Number</b>                                  | 432-335-6640  |
| <b>Email</b>  | <a href="mailto:library@odessa.edu">library@odessa.edu</a>  |
| <b>Campus Location</b>                              | 1 <sup>st</sup> floor of the Learning Resources Center (LRC)  |
| <b>Website with Additional Help and Information</b> | <a href="http://www.odessa.edu/dept/library">http://www.odessa.edu/dept/library</a><br>Ask A Librarian: <a href="https://www.odessa.edu/dept/library/askalibrarian.htm">https://www.odessa.edu/dept/library/askalibrarian.htm</a> |

### Equipment and Services Provided:

The Murry H. Fly Library, located in the Learning Resources Center, is a full-service academic library whose mission is to provide research and other educational resources to the Odessa College community.

Super Search, the library's centralized search engine, offers easy access locating materials in the library's collection. The following resources are available through the library.



- **Books, Videos, CDs** – 30,000+ books and 4,000+ media holdings
- **Ebooks** – 50,000+
- **Specialized databases** for current students – 60+  
\*Remote access requires OC login
- **Magazines, newspapers, & scholarly journals**
- **Interlibrary loan services** of material from participating Texas libraries
- **Online Tutorials**  
\*Tips for research strategies
- **Computers for online research, homework, and printing**
- **Selected textbooks** for short-term use in the library only
- **Photocopier and FAX service** – There is a charge associated with these services
- **VHS/DVDs** – in library use only
- **Quiet study rooms** for individual and group study  
\*Must check in at the main desk
- **Larger meeting rooms** – for events, educational workshops, and group computer use. Reservations required

## TUTORING SERVICES

Odessa College provides tutoring services to assist students in meeting their academic and career goals. The College strives to provide new and updated resources and services at no charge to OC students. Computers provide Internet access, Microsoft Office, and software resources to assist OC students in improving their reading, writing, and mathematical skills.

Appointments are preferred, but walk-ins are accepted as availability allows. Tutoring services are offered in a number of locations on and off campus. For more information or to make an appointment:

- **Student Success Center**, located in the Learning Resources Center, provides support for a variety of academic subjects as well as TSI test prep, AVID, study skills training, workshops, assistance with Blackboard, student email, OC portal, student orientation tours, and more.

|   |   |
|---|---|
| <b>Main Number</b>                                  | 432-335-6878  |
| <b>Email</b>  | <a href="mailto:studentsuccesscenter@odessa.edu">studentsuccesscenter@odessa.edu</a>                  |
| <b>Campus Location</b>                              | 1st floor of the Learning Resources Center (LRC)  |
| <b>Website with Additional Help and Information</b> | <a href="http://www.odessa.edu/dept/ssc/">http://www.odessa.edu/dept/ssc/</a>                         |
| <b>Live Online Chat Assistance</b>                  | <a href="#">Click Here</a> Subject to availability. (If no one is currently available, call or email) |

- **Math Lab**, located on the second floor of the Wood Math and Science building, provides support for all math-related tutoring

|                             |  |
|-----------------------------|--|
| <b>Math Lab Main Number</b> | 432-335-6537   |
| <b>Email</b>                | <a href="mailto:mymathlab@odessa.edu">mymathlab@odessa.edu</a> |

|   |   |
|---|---|
| <b>Campus Location</b>                              | Wood Math and Science building, Room 201  |
| <b>Website with Additional Help and Information</b> | <a href="http://www.odessa.edu/dept/ssc/math_lab.htm">http://www.odessa.edu/dept/ssc/math_lab.htm</a><br>Provides support for all math related tutoring |

- **Synapse Lab**, located on the third floor of the Wood Math and Science building, provides support for all science-related tutoring

|   |  |
|---|--|
| <b>Synapse Lab Main Number</b>                      | Coming soon  |
| <b>Email</b>  | <a href="mailto:SynapseLab@odessa.edu">SynapseLab@odessa.edu</a>   |
| <b>Campus Location</b>                              | Wood Math and Science building, Room 308   |
| <b>Website with Additional Help and Information</b> | <a href="http://www.odessa.edu/dept/biology/tutoring.htm">http://www.odessa.edu/dept/biology/tutoring.htm</a><br>Provides support for all science related tutoring |

- **Writing Center**, located on the first floor of Wilkerson Hall, provides support for all writing-related tutoring

|   |  |
|---|--|
| <b>Writing Center Main Number</b>                   | Coming soon  |
| <b>Email</b>  | <a href="mailto:writingcenter@odessa.edu">writingcenter@odessa.edu</a>       |
| <b>Campus Location</b>                              | Wilkerson Hall, 106  |
| <b>Website with Additional Help and Information</b> | <a href="#">Coming soon</a><br>Provides support for writing related tutoring |

- **Offsite tutoring services** are available in the Rodeo and Agriculture Graham Center located in Gardendale
- **Online tutoring** is available 24/7 through Upswing, which will start Fall II, a web-based, student-friendly service

## Veterans Support

### How do I contact the office for Veteran's Outreach?

|                        |  |
|------------------------|--|
| <b>Main Number</b>     | 432-335-6833   |
| <b>Campus Location</b> | 204M (Help Center) in the Student Union Building   |
| <b>Email</b>           | Gloria Rangel - <a href="mailto:grangel@odessa.edu">grangel@odessa.edu</a>   |
| <b>Website</b>         | To find out more about services provided by the Veteran's Outreach office, please visit: <a href="http://www.odessa.edu/dept/counseling/veterans/index.htm">http://www.odessa.edu/dept/counseling/veterans/index.htm</a> |