

Penn State University - University Park
MATH 22, College Algebra II
Spring 2018

CATALOG DESCRIPTION: College Algebra II (3 credits). Relations, functions, graphs; polynomial, rational functions, graphs; word problems; nonlinear inequalities; inverse functions; exponential, logarithmic functions.

PREREQUISITE: Math 21 or ALEKS placement.

REQUIRED: MyLab Math Student Access Code for **Trigsted: Algebra and Trigonometry 2/e**. [Available online](#). The cost at the bookstore will be slightly more. If you buy at the bookstore on campus, ask for the access code at the check-out register. If you cannot afford an access code at the start of the semester, you have the option of obtaining temporary access for a trial period (Instructions are [here](#)).

If you are registered for both Math 026 and Math 022 you need **buy only one access code**. The one access code will work for both courses.

If you have taken Math 022, 026 or 041 in the past, your account will be able to access the material without a new access code.

COURSE FORMAT: Lecture/computer lab. Instructors will announce any computer lab schedule the first day of class. The sections covered in lectures are listed at the end of this syllabus.

CALCULATORS: A graphics calculator is useful as a study and learning tool when used appropriately, but it is not essential. **No calculators** are allowed on quizzes, midterms, or on the final examination.

TUTORS AND PENN STATE LEARNING: Free mathematics tutoring is available at [Penn State Learning](#) located in 220 Boucke Building. For additional help, a (paid) tutors list maintained by the Mathematics Department Undergraduate Office is available.

HOMEWORK: Homework is assigned on the MyLab Math website. Please log in for a list of the homework assignments and due dates. A MyLab Math account is required in order to complete the homework.

EXAMINATIONS: Two 75-minute evening examinations will be given during the semester and a comprehensive final examination will be given during the final examination period. NO books, notes, or calculators may be used on the examinations. You must bring your University ID card to all exams. The examinations will be given from **6:00 to 7:15 PM** on the following dates:

Midterm Examination I	Wednesday, February 14
Midterm Examination II	Wednesday, March 28

Rooms for examinations will be announced by your instructor at a later date and may also be found on the [Courses](#) website.

CONFLICT EXAMINATIONS: For the two mid-semester examinations, there is a conflict examination from **4:35 to 5:50 PM** on the same night as the regular examination.

Who may take the Conflict Exam? If you have a valid conflict with the regular examination time, such as a class or other scheduled activity, you may sign up for the conflict exam.

How and when to sign up for the Conflict Exam. Students must sign up for the Conflict Exam **in class, with your instructor, on a pink form**. The student is responsible for knowing the room and time of the conflict examination. This information is on the pink form. Your instructor must turn in the pink form **1 week** prior to the examination date. If you have not signed up with your instructor, you will not be allowed to take the conflict exam.

Instructions on Conflict Exam night. The student is responsible for knowing the room and time of the conflict examination. **Students must bring their University ID to the conflict examination.** The ID will be checked by the proctor. **Although the conflict examination will end at 5:50 PM, no student will be permitted to leave the examination room before 5:55 PM.** Any student who leaves before 5:55 PM will receive a grade of zero on the examination and will not be allowed to retake it.

MAKEUP EXAMINATIONS: A makeup exam will be given about a week following the regularly scheduled exam.

Who may take the makeup exam? Students who have a valid documented reason, such as a class conflict or illness, during both the conflict and regular examination times are permitted to schedule a makeup examination with no penalty. You must be prepared to verify the reason for taking the makeup. **Personal business such as travel, employment, weddings, graduations, or attendance at public events such as concerts, sporting events, and Greek Rush events are not valid excuses. Forgetting the date, time or room of an examination is not a valid excuse.** Students who do not have a valid reason for missing the examination are permitted to schedule the makeup, but 20 points will be deducted from their score. Students who have taken either the regularly scheduled examination or conflict examination are not permitted to take the makeup examination. The makeup examinations are given from 6:00 to 7:15 PM on the evenings listed below:

Makeup Examination I	Tuesday, February 20
Makeup Examination II	Tuesday, April 3

How and when to sign up for the Makeup Exam. Students who are ill on exam night must contact their instructor within 24 hours of the exam. Students must sign up for the Makeup Exam **in class, with your instructor, on a yellow form**, as soon as possible following the regular exam date. The student is responsible for knowing the room and time of the makeup examination. This information is on the yellow form. Your instructor must turn in the yellow form **2 class days** prior to the examination date. If you have not signed up with your instructor, you will not be allowed to take the makeup exam.

Instructions on Makeup Exam night. The student is responsible for knowing the room and time of the makeup examination. **Students must bring their University ID to the makeup examination.** The ID will be checked by the proctor.

What if a student misses both the regularly scheduled exam and the makeup exam? If a student misses both the regularly scheduled examination and the scheduled makeup due to a valid, verifiable reason, it may be possible to take a makeup examination by appointment. All such makeup examinations must be scheduled through the instructor with the approval of the course coordinator and must be completed no later than one week after the scheduled makeup examination.

FINAL EXAMINATION: The final examination will be given during the week of April 30 – May 4, 2018. **The final examination may be scheduled on any day during the final examination period. Do not plan to leave University Park until after Fri., May 4, 2018.** Students may access their final exam schedule Monday, February 12, through their LionPATH account. Notification of conflicts is given on the student's final exam schedule. There are two types of conflict examinations, direct and overload. Direct conflicts are two examinations scheduled at the same time. Overload examinations are three or more examinations scheduled within a fifteen hour period, from the beginning of the first examination to the beginning of the third examination. Students may elect to take the three or more examinations on the same day if they wish or request a conflict final examination. **A student must take action to request a conflict exam through LionPATH between February 12 and March 4, 2018. Conflict final examinations cannot be scheduled through the Mathematics department, and there will be NO signup sheet for the final conflict examination.** Students who miss or cannot take the final examination due to a valid and documented reason, such as illness, may be allowed to take a makeup final examination. **Personal business such as travel, employment, weddings, graduations, or attendance at public events such as concerts, sporting events are not valid excuses. Not knowing the date, time or room of an examination is not a valid excuse. Leaving campus before the end of finals week is not a valid excuse.** If the student does not have a valid reason, a 30-point penalty will be imposed. All such makeup examinations must be arranged through the instructor with the approval of the course coordinator, and students in such a situation should contact their instructor within 24 hours of the scheduled final examination. Students who have taken the original final examination are not permitted to take a makeup examination.

COURSE GRADES: Grades will be assigned on the basis of 500 points, distributed as follows:

Examination I	100
Examination II	100
Quizzes and Labs	75
MML Homework	75
Final Examination	150
Total	500

Final course grades will be assigned as follows:

A	460-500 POINTS
A-	450-459 POINTS
B+	440-449 POINTS
B	410-439 POINTS
B-	400-409 POINTS
C+	390-399 POINTS
C	350-389 POINTS
D	300-349 POINTS
F	000-299 POINTS

After the second exam and before the late-drop deadline the guaranteed grade-line cutoffs will be provided to facilitate your planning for the rest of the semester. The unavoidable consequence is that some students are just "a point" away from the higher grade. For the reason of fairness, the policy in this course is to NOT adjust individual grades in such circumstances.

NOTE: Your grade will be based **EXCLUSIVELY** on the midterm examinations, homework, quizzes and final examination. **There is no "extra-credit" work.**

ACADEMIC INTEGRITY: In order to ensure all students have a fair and equal opportunity to succeed in this course, the Math Department is committed to enforcing the University's academic integrity policy. Below is a description of academic misconduct, and the department's responsibilities when misconduct is suspected.

Academic Misconduct

In this course, academic misconduct includes, but is not limited to:

- Copying the work of another student on an exam, quiz, or assignment;
- Passing off the work of another individual as your own;
- Using non-approved devices or aids on exams, quizzes, or assignments;
- Having unauthorized possession of exams or quizzes;
- Engaging in deception in order to extend or reschedule an exam, quiz, or assignment;
- Facilitating acts of academic misconduct by others.

When Academic Misconduct is Suspected

If a student is suspected of academic misconduct, the instructor's duties are to:

- Confidentially inform the student of the allegation;
- Enter the charge and recommended sanctions on an Eberly College of Science Academic Integrity form;
- Ask the student to meet in order to review the form and discuss the charges and sanctions. The student can choose to accept or contest the allegation at this point.

Note that a student's refusal to meet with the instructor or respond to the charges within a reasonable period of time is construed as acceptance of the allegation and proposed sanctions.

Once the Academic Integrity form has been accepted or contested by the student, it is sent to the College's Academic Integrity Committee for adjudication. A student cannot drop or withdraw from the course during the adjudication process.

Sanctions

If a student accepts an academic misconduct allegation, or if he is found guilty during adjudication, possible sanctions include:

- A warning;
- Reduction of the assignment grade (including reduction to zero);
- Reduction in the final course grade;
- An F in the course.

In addition, the student will be unable to drop or withdraw from the course.

Please see the [Eberly College of Science Academic Integrity homepage](#) for additional information and procedures.

LATE-DROP: Students may add/drop a course without academic penalty during the drop/add period. A student may late drop a course within the first twelve weeks of the semester but can only take a course a maximum of three times. The late drop deadline for Spring 2018 is **April 6, 2018**.

DEFERRED GRADES: Students who are currently passing a course but are unable to complete the course because of illness or emergency may be granted a deferred grade which will allow the student to complete the course within ten weeks after the last day of classes. Note that deferred grades are limited to those students who can verify and document a valid reason for not being able to take the final examination. For more information see [DF grade](#).

STUDENTS WITH DISABILITIES: Penn State welcomes students with disabilities into the University's educational programs. If you have a disability-related need for reasonable academic adjustments in this course, contact Student Disability Resources at 814-863-1807 (V/TTY). For further information, please visit Student Disability Resources web site: <http://equity.psu.edu/student-disability-resources/>

In order to receive consideration for accommodations, you must contact SDR and provide documentation (see the documentation guidelines at <http://equity.psu.edu/student-disability-resources/>). If the documentation supports your request for reasonable accommodations, SDR will provide you with an accommodation letter identifying appropriate academic adjustments. Please share this letter with your instructors and discuss the accommodations with them as early in your courses as possible. You must follow this process for every semester that you request accommodations.

CODE OF MUTUAL RESPECT AND COOPERATION: The Eberly College of Science [Code of Mutual Respect and Cooperation](#) pertains to all members of the college community; faculty, staff, and students. The Code of Mutual Respect and Cooperation was developed to embody the values that we hope our faculty, staff, and students possess, consistent with the aspirational goals expressed in the Penn State Principles. The University is strongly committed to freedom of expression, and consequently, the Code does not constitute University or College policy, and is not intended to interfere in any way with an individual's academic or personal freedoms. We hope, however, that individuals will voluntarily endorse the 12 principles set forth in the Code, thereby helping us make the Eberly College of Science a place where every individual feels respected and valued, as well as challenged and rewarded.

EDUCATIONAL EQUITY: The Office of the Vice Provost for Educational Equity serves as a catalyst and advocate for Penn State's diversity and inclusion initiatives. Educational Equity's vision is a Penn State community that is an inclusive and welcoming environment for all. If you wish to learn more or if you wish to [report bias](#), please visit the Educational Equity [website](#).

QUESTIONS, PROBLEMS, OR COMMENTS: If you have questions or concerns about the course, please consult your instructor first. If further guidance is needed, you may contact the course coordinator whose address is given below. **If you believe that the class you are enrolled in is not right for you, you should contact your instructor or the course coordinator as soon as possible.**

Course Coordinator

Dr. Steven Hair
104 McAllister Building
University Park, PA 16802
Telephone: 814-865-7528
E-mail: hair@math.psu.edu

Include your Name, Student ID, Course, and Section Number in any correspondence.