MATH M026 – Precalculus Mathematics
Fall Semester, 2013

Class and departmental M026 policies can be found online at
http://www.math.indiana.edu/undergraduate/courses_m026.phtml

Prerequisite:
Two years of high school algebra and one year of precalculus. Students without sufficient background should first take M014 (review of high school algebra) and/or M025 (review of high school precalculus). M026 should not be taken concurrently with either M014 or M025.

Course Description:
Intended to prepare students for classes such as P201: General Physics 1 or programs such as Radiography. Students preparing for M211: Calculus I may either take M027: Precalculus with Trigonometry or the sequence M025-M026. Topics include: trigonometric functions, identities, and graphs of trigonometric and inverse trigonometric functions. Credit for M026 may not be applied toward a degree in the College of Arts and Sciences. M026 does not satisfy the College of Arts and Sciences mathematics fundamental skills requirement. Does not carry IUB GenEd MM or N&M credit.

Textbook:
Algebra and Trigonometry with Analytic Geometry, by Earl Swokowski and Jeffery Cole, either the custom or the Classic 12th edition. (Thomson Brooks/Cole, 2010). The textbook is available through TIS and the IU Bookstores. It may also be purchased or rented directly from the publisher online at
http://www.cengagebrain.com/shop/isbn/9780495559719

In addition to the textbook you will also need to purchase an access code for the Enhanced WebAssign package. The access code will allow you access to the online homework, tutorials, and the class gradebook. The code may be purchased either with the textbook or separately. Be careful to purchase the Enhanced WebAssign access code as there are many options from this and other textbook companies and online homework services. In addition to the options above, the access code may be purchased directly from the online homework website at https://www.webassign.net/login.html
Calculator Policy:

You may only use a non-graphing scientific calculator such as the Texas Instrument TI-30XIIS.

Graphing calculators such as the TI-83, the TI-86 and the TI-89 are NOT allowed in this course.

Attendance Policy:

Most students find the material in M026 to be significantly more difficult than their high school math classes. Attending and participating in every class is crucial to your success in this course. A student absent from class bears full responsibility for all material covered and announcements made in class. Missed quizzes and homework assignments, regardless of the circumstances, will not be accepted late and can not be made up. Instead, a few of the lowest scores from each type of assignment, quiz and homework, will be dropped at the end of the semester. See quiz and homework sections for more detail.

Class Times:

You should beginning attending class on Thursday, October 17. With consent of the coordinator, Chris Parks, cparks@indiana.edu, you may choose ONE class from any of the five M027 sections to attend. You should attend this M027 class for lectures, quizzes, and homework. All of your exams will be held outside of class. The time and location will be determined closer to the exams.

You will not have class on Friday, October 18 (Fall Break); Friday, November 15 (when M027 will have their exam); or during Sunday, November 24 to Sunday, December 1 (Thanksgiving Break).

Withdraw Deadlines:

Withdraw with an automatic grade of W – Monday, November 18.

Last day to petition for deans to approve a course drop – Thursday, December 5, 4:00 pm.

Further information regarding schedule adjustment fees, refunds and deadlines can be found on the website of the Office of the Registrar: [http://enrollmentbulletin.indiana.edu/pages/offcal.php?Term=1](http://enrollmentbulletin.indiana.edu/pages/offcal.php?Term=1)

Academic Integrity:

The IU Department of Mathematics takes academic integrity very seriously. The usual penalty for a student caught cheating includes an F in the course. Further penalties may include probation, suspension, or expulsion from the university.

Student Misconduct:

The IU Department of Mathematics expects all students to adhere to the regulations put forth in the “IU Code of Student Rights, Responsibilities, and Conduct” concerning academic misconduct or personal misconduct. Procedures for imposing academic and disciplinary sanctions are outlined in the Code, which can be found at [http://www.iu.edu/~code/code/index.shtml](http://www.iu.edu/~code/code/index.shtml)
Cell Phones & Pagers:

Please turn these off or set them on silent mode. The material is difficult enough without unnecessary interruptions.

Webpages:

The IU Department of Mathematics web page offers quick access to information about their courses and programs at http://www.math.indiana.edu

Information about M026 can be found at http://www.math.indiana.edu/undergraduate/courses_m026.phtml

Oncourse is at https://oncourse.iu.edu/portal

Communication:

Preferred means of communication will vary by instructor. Email, office phone, office hours, in class, and oncourse mail are all common. Be sure you know the most effective way and time to speak with your instructor.

Whatever online means of communication your instructor uses, you are expected to check it regularly, preferably daily. You are responsible for the information sent to you individually and to the class.

To protect confidentiality, students are strongly encouraged to use oncourse or the IU email system, rather than another server mail system. Furthermore, given the prevalence of spam and viruses, your instructor may not always open email messages with unrecognizable addresses and/or subject headings.

Help Outsides of Class:

There will not be enough time to answer all questions from the homework assignments, tests, and M025 material. Several options for help outside of class are available:

- Come to class a few minutes early. Your instructor may be available for a few questions.
- Visit your instructor during office hours or make an appointment to meet with them.
- Math help is available in the Math Learning Center (MLC). The MLC is located in Swain East 340 and starting Tuesday, September 3, will be open 9 am – 5 pm, Monday through Friday. To find out more about the MLC tutoring schedule and other general information, please visit the MLC web page at http://www.math.indiana.edu/undergraduate/mlc.phtml
- Math help is available in the Academic Support Centers located in Briscoe, Teter, and Forest dormitories. The ASC is open Sunday through Thursday 7-11 pm. For more information about the ASC please visit http://www.indiana.edu/~acadsupp/info2.shtml
- Private tutors are available and usually charge $30-60/hour for individual tutoring. To view a list of recommended tutors please visit http://www.math.indiana.edu/undergraduate/tutors.phtml
Quizzes:

We will average 1 quiz each week. Some will be announced and some will not. You will only be allowed about 5-10 minutes to complete the quiz. Over the semester you may have about 15 quizzes. A few of the lowest scores will be dropped. The precise number will depend on the total number and difficulty of the quizzes. If you miss a quiz for any reason you will receive a zero. There will be no make-up quizzes. Quiz questions will focus on the material covered in the previous class but may also include topics from that day’s class or review questions.

Homework:

In class, there will only be time to go over a few problems from each section; the answers to the odd problems are in the back of your textbook. You may want to form a study group and get help outside of class. See the comments on the previous page for more information.

There will be two types of homework assignments: written homework and online homework.

Written assignments: These will be assigned as needed to supplement the online homework.

Online homework assignments: Done on the WebAssign homework system. There will be one assignment per section, containing about 20-30 problems. These assignments will generally be due at 7 am a few days following discussion of the material. For example, in class on Monday, October 21, we will cover section 6.2 and the online homework for this section will be due at 7 am on Wednesday, 23. For most problems (or part of a problem) you will be permitted a few attempts, depending on your instructor. Once you have submitted your answers the work is automatically saved. However, saving the answers does not submit them.

To access the WebAssign homework system, preferably using a current version of Firefox, go to the online homework website at https://www.webassign.net/login.html. You will be prompted to enter an access code, purchase the code online, or enter a code later. Before you purchase a code online, be sure that one did not come with your textbook. There is an initial grace period or “free trial” of two weeks after which you will need to have entered an access code.

It is up to you to register and access the WebAssign system and begin working on your first assignments right away. For your convenience, the Math Learning Center, in Swain East 340, has computers that may be used. If you have any difficulties accessing or using WebAssign, please call their technical support at 800.955.8275 or bring your questions to the MLC.

Late homework will not be accepted for any reason for either the written or WebAssign homework. Any assignment not turned in on time will receive a zero. To allow for unexpected conflicts a few of the lowest assignment scores will be dropped.

Exam Dates:

Diligence with homework is critical to finding success in any math class. To adequately prepare for the exams, you should also do many similar textbook problems and complete past exams.

<table>
<thead>
<tr>
<th>Exam</th>
<th>Chapter</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Exam 1</td>
<td>Chapter 6</td>
<td>Friday, November 1</td>
</tr>
<tr>
<td>Exam 2</td>
<td>Chapter 7</td>
<td>Friday, November 15</td>
</tr>
<tr>
<td>Exam 3</td>
<td>Sections 8.1-8.4</td>
<td>Friday, December 6</td>
</tr>
<tr>
<td>Final Exam</td>
<td>Chapters 6, 7, 8, and 10</td>
<td>Wednesday, December 18, 2:45 – 4:45 pm</td>
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Exams 1, 2, and 3 will be given outside of class. The time and location will be determined closer to the exam dates. The time of the Final is indicated above and will not change. The location of the final will be announced at a later date.

Make-up exams are given only in extenuating circumstances such as medical emergencies. If you have a schedule conflict, please discuss it with your instructor as soon as possible.

**Assessment:**

Grades will be determined using the scores from the following assignments:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Homework</td>
<td>15%</td>
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<tr>
<td>Quizzes</td>
<td>10%</td>
</tr>
<tr>
<td>Exam 1</td>
<td>15%</td>
</tr>
<tr>
<td>Exam 2</td>
<td>15%</td>
</tr>
<tr>
<td>Exam 3</td>
<td>15%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>30%</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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**Grade Scale:**

Grades are computed using the standard scale:

- 97%, 93% and 90% for grades of A+, A and A-
- 87%, 83%, and 80% for grades of B+, B, and B-
- 77%, 73%, and 70% for grades of C+, C, and C-
- 67%, 63%, and 60% for grades of D+, D, and D-
- Below 60% is an F

**Special Services:**

Students needing accommodations because of a disability must first register with Disability Services for Students and provide their instructors with the appropriate forms issued by DSS before accommodations may be given. Information regarding DSS can be found at [http://studentaffairs.iub.edu/dss/](http://studentaffairs.iub.edu/dss/)

**Religious Holiday Policy:**

Accommodations will be made for university recognized religious holidays provided the student notifies the instructor in writing using the “Request for Accommodation for Religious Observance Form” by the end of the second week of class. For more details on this policy and the downloadable form please visit [http://enrollmentbulletin.indiana.edu/pages/relo.php?Term=1](http://enrollmentbulletin.indiana.edu/pages/relo.php?Term=1)

**Course Coordinator:**

Questions and problems relating to this course should be first directed to your instructor and then, if necessary, to the course coordinator, Chris Parks, Director of the Math Learning Center, by email at cparks@indiana.edu.