



- Identify features of a function from its algebraic and graphical representation (such as domain, range, intercepts, maximum and minimum values, intervals where the function is decreasing or increasing), and interpret this information in a real-life situation.
- Use appropriate functions (piecewise-defined, polynomial, logarithmic, exponential, inverse, etc) as mathematical models for a real-life situation and convert it into an appropriate mathematical statement.
- Understand transformations of a function and how transformations affect the shape of the graph of a function (horizontal and vertical transformations); and apply this understanding when graphing linear, quadratic, polynomial, exponential, and logarithmic functions.
- Develop and demonstrate the ability to communicate mathematical ideas clearly using correct mathematical terminology and appropriate mathematical notation.

These outcomes will be evaluated by homework assignments, in-class assessments, and exam questions.

**See the weekly schedule on Blackboard for the specific dates associated with these assignments.**

Grading for Math 106: Your overall grade is based upon the following point system.

ALEKS Modules: 20 @ 10 points each (drop 3)	170 points (21.25%)
In-class work: 12 @ 20 points each (drop 3)	180 points (22.5%)
Exam 1	100 points (12.5%)
Exam 2	100 points (12.5%)
Exam 3	100 points (12.5%)
Comprehensive Final Exam	150 points (18.75%)
	<b>Total 800 points</b>

Grading Scale for Math 106

<u>Passing Grades</u>		<u>Grades Requiring a Course Repeat</u>	
93% – 100%	A	70% – 72.9%	C-
90% – 92.9%	A-	67% – 69.9%	D+
87% – 89.9%	B+	60% – 66.9%	D
83% – 86.9%	B	0% – 59.9%	F
80% – 82.9%	B-		
77% – 79.9%	C+		
73% – 76.9%	C		

**IMPORTANT-What to expect from the class and how to approach it**

This class is not easy and will take hard work on your part. As your instructor, I will also work very hard to make the best use of class time, to support you in office hours, and to provide a structure for the class that supports your learning. However, in the end, what you learn and whether or not you succeed depends on the attitude you bring to class and the effort you put forth.

The only way to learn and retain mathematics (you **will** be using this material in later courses) is through lots of practice working with the concepts and reflecting on the processes used and underlying structure. Class time will be spent highlighting key topics, making connections between prior knowledge and new concepts, and working through examples that illustrate important ideas. We will not have time to cover all details discussed in the text, so it is imperative that you complement the in-class work with a careful study of the text. Most of the practice working with the concepts will happen through the on-line homework system in ALEKS.

In addition to attending class, you should anticipate devoting three to four hours of study outside of the class time for each hour in class. That means 9-12 hours per week devoted to Math 106 beyond the time spent in class. If you cannot make the necessary time commitment, your chance of learning the material (and passing the course) will be greatly compromised.

ALEKS Modules: The modules are through the on-line homework system within ALEKS. You will get immediate feedback regarding whether or not your answer is correct. We strongly recommend that you carefully correct any mistakes you make, in order for you to learn from them, and avoid them in the future (especially in exams!). Most learning comes from working through mistakes and figuring out what went wrong and why. Mistakes are a good thing (really!) as long as you take the time to understand what went wrong and how to correct it.

We strongly recommend that you buy a notebook to use exclusively for ALEKS work (a composition notebook is recommended). Even though you enter your answers on-line, you will still need to work through the problems. By having your work neatly organized in a notebook, it will be easy to review, you can take it to your instructor or a tutor to get questions answered, and it gives you practice organizing your work so that someone else can understand and follow your reasoning.

To earn points for the ALEKS assignment, you must accomplish a minimum of 60% of the module. Your score for the module will be found by multiplying your percentage complete by the assignment value (10 points). Example: If you finish 74% of the module, the score reflected in the gradebook will be 7.4 points out of 10 points. If you complete less than 60%, then you will receive a score of zero for the assignment grade. There will be no extensions granted for ALEKS modules. Plan ahead!

You must complete an initial knowledge check prior to being able to work through the modules. Do your best on the knowledge check and take your time. It's ok if you don't know a topic, you'll learn it later. If you are already familiar with some topics, you may not have to work through those problem types later on.

Attendance Policy: Attendance is expected. Attendance consists of 1) showing up on time, and 2) participating in class. Our experience has shown that repeated tardiness, showing up more than five minutes late, or failing to participate fully will result in poor performance in the class. You do not need to email me in case of a missed class. It is your responsibility to check blackboard for announcements and course schedule.

In-Class Work: In-class work may include individual work, group activities, quizzes or assessments. You must be in class to receive these assignments. The in-class work cannot be made up if you miss class, unless you have an excused university related absence. Any missed work will be recorded as a zero in the gradebook. You can drop your lowest three scores, in case of a missed class due to sickness or personal reasons.

Exams: There will be three exams, plus one comprehensive Final Exam. Please note the dates for exams:

**Exam I:** Monday, September 10, 5:15pm – 6:15pm (Todd 216)

**Exam II:** Monday, October 15, 5:15pm – 6:15pm (Todd 216)

**Exam III:** Wednesday, November 14, 6:15pm – 7:15pm (Todd 216)

**Final Exam:** Tuesday, December 11, 7pm – 9pm (Room TBA)

- **Early final exams will not be given for any reason.** Make your travel plans accordingly.
- If you know you must miss an exam, you must notify me at least 24 hours prior to the exam in order to be eligible for a make-up exam. I will determine if a make-up exam is applicable.
- Books, notes, calculators, tablets, computers, phones and all other electronic devices are not allowed on exams.
- Bring your student ID to the exams. Must be original ID, not photocopy.

Important Dates and Deadlines: Students are encouraged to refer to the academic calendar often to be aware of critical deadlines throughout the semester. The academic calendar can be found at <http://registrar.wsu.edu/academic-calendar/>.

Class Notes: You are expected to attend class every day and take careful, detailed notes. This practice helps you focus your attention on what is being covered, provides a clear record of what was discussed and emphasized in class, and is a good study aid when working out of class or studying for exams. Buy paper and a 3-ring binder to organize class notes and handouts. If you miss class, notes can be found on Blackboard.

Math Learning Center: Successful students make use of available resources, so don't struggle when help is just a few steps away! We want you to succeed, we're here for you, and we have FREE tutoring available in the Math Learning Center (Cleveland 130). Tutoring begins August 20. Hours: Monday-Thursday 10am – 9pm, Friday 10am – 5pm, and Sunday 4pm – 9pm. More information about the MLC can be found at <http://www.math.wsu.edu/studyhalls/welcome.php>

Study time at Math Learning Center (MLC): You can earn up to 10 points of **extra credit** over the semester by attending the Math Learning Center. In order to receive one point of extra credit, you must spend a minimum of one hour studying in the MLC over the course of the week (Sunday-Friday). You can earn one point maximum per week and 10 points maximum over the semester. You are able to spend an entire hour there or you can break up your study time into smaller chunks, e.g. 30 minutes a day for 2 days.

Electronic Devices: Cell phones, iPods, mp3 players, headphones and similar devices may not be used during class. Laptop computers, tablets, calculators, phones and all other electronic devices are *not* allowed on exams. Laptops and tablets may be used during lectures for taking notes. Any student who is caught using a laptop or tablet during lectures for any other reason (i.e. e-mail, Facebook, internet, and all other non-math class related work – *including work for other classes*) will be asked to leave the classroom and will not be able to use this device anymore during class.

Students with Disabilities: Reasonable accommodations are available for students with a documented disability. If you have a disability and need accommodations to fully participate in this class, please either visit or call the Access Center to schedule an appointment with an Access Advisor. All accommodations **MUST** be approved through the Access Center. For more information contact a Disability Specialist on your home campus. Phone: (509)335-3417; Location: Washington Building 217; Website: <http://accesscenter.wsu.edu>; Email: [Access.Center@wsu.edu](mailto:Access.Center@wsu.edu)

Incomplete Grade: University policy (Acad. Reg. #90h) states “an incomplete is the term used to indicate that a grade has been deferred. It is for students who for reasons beyond their control are unable to complete their work on time.”

WSU Safety: Classroom and campus safety are of paramount importance at Washington State University, and are the shared responsibility of the entire campus population. WSU urges students to follow the “Alert, Assess, Act,” protocol for all types of emergencies and the “Run, Hide, Fight” response for an active shooter incident. Remain ALERT (through direct observation or emergency notification), ASSESS your specific situation, and ACT in the most appropriate way to assure your own safety (and the safety of others if you are able). Please sign up for emergency alerts on your account at MyWSU. For more information on this subject, campus safety, and related topics, please view the FBI's Run, Hide, Fight video and visit the WSU safety portal.

Severe Weather: For severe weather alerts, see: <http://alert.wsu.edu/> and <https://oem.wsu.edu/emergency-procedures/severe-weather/>. In the event of severe weather affecting university operations, guidance will be issued through the alert system.

WSU Academic Integrity: Academic integrity is the cornerstone of higher education. As such, all members of the university community share responsibility for maintaining and promoting the principles of integrity in all activities, including academic integrity and honest scholarship. Academic integrity will be strongly enforced in this course. Students who violate WSU's Academic Integrity Policy (identified in Washington Administrative Code (WAC) 504-26-010(3) and -404) will receive a zero for the assignment or exam, will not have the option to withdraw from the course pending an appeal, and will be reported to the Office of Student Conduct. Cheating includes, but is not limited to, plagiarism and unauthorized collaboration as defined in the Standards of Conduct for Students, WAC 504-26-010(3). You need to read and understand all of the definitions of cheating: <http://app.leg.wa.gov/WAC/default.aspx?cite=504-26-010>. If you have any questions about what is and is not allowed in this course, you should ask course instructors before proceeding. If you wish to appeal a faculty member's decision relating to academic integrity, please use the form available at [conduct.wsu.edu](http://conduct.wsu.edu).