



Math 126 Precalculus I
Class number 27156/Section 3009
Room: WC B132
Time: MW 4:30 PM – 5:50 PM

Spring 2020 Course Syllabus

Course Information

Instructor Information

- Instructor: Dr. Doug Scheib
- Email: douglas.scheib@csn.edu (preferred mode of communication)
- Office Hours: By appointment

Course Description:

- A rigorous discussion of algebra concepts necessary for calculus is the focal point of this course. Topics include an in-depth investigation of algebraic functions and their graphs and solutions of systems of equations.

Prerequisite:

- Math 096 or Math 097 both with a grade of C or better; or a satisfactory ACT/SAT/Placement Test score. Note: This course serves as a prerequisite for Math 127 and is essential for students planning to take calculus.

Textbook & Course Materials:

- *Precalculus, First Edition* by Julie Miller and Donna Gerken
- ALEKS Class Code: RMHDY-A6QHL (for online homework)

Website:

- I will maintain a course website at www.drdougmath.com. I will post handouts, lecture notes and videos, exam information, interactive applets, and announcements on this website, so you should check it at least once per day. Students will be responsible for information posted on this website.
- I will post grades and information on Canvas, so be sure to check there regularly as well. Students will be responsible for information posted on Canvas.

Calculator:

- A scientific calculator **will be necessary** for this course.

- I recommend the TI-30XS Multiview, although any scientific calculator will do.
- If you already have a graphing calculator, you may use it; however, work done on a graphing calculator without supporting work and thought process to demonstrate content mastery will not receive credit.
- Calculators on cell phones or any device which is capable of any other function aside from calculating are **not** allowed. Sharing of calculators will **not** be allowed on tests, so be sure you have your calculator with you.

Other Software:

- I will create interactive applets from time to time, which can be opened on Windows, Mac, or Linux using [Wolfram's free CDF player](#). Wolfram has apps for mobile devices and the web; however, you will need to pay for a subscription to open the interactive applets via the apps, which is not recommended.

Objectives

Outcomes: At the end of the course, students will be able to:

- Solve polynomial, exponential, and logarithmic equations.
- Work with Cartesian coordinate system, being able to graph linear, exponential, polynomial, absolute value, square root, piecewise-defined, rational, and logarithmic functions.
- Understand function concepts, including operations on functions, and inverse functions.
- Solve systems of linear and nonlinear equations.
- Apply and extend all concepts.

Grading Policy

Tests:

- There will be three 80-minute midterm exams throughout the semester. The tentative dates and coverage are listed below. The date and/or coverage of each exam is subject to change. There will also be a **mandatory, cumulative final exam** given on the last day of class.
- Make-up policy: Make-ups for any of the three midterm exams will only be given in the case of a documented emergency to students with better than 85% attendance. Students must make arrangements to retake the missed exam within one day of the scheduled exam date and must retake the missed exam within one week of the scheduled exam date. The instructor reserves the right to decline offering a make-up exam to any student for any reason. **There will be no make-up exam for the final exam.**
- Each midterm exam is worth 20% of the final grade for a total of 60% of the final grade. The final exam is worth 25% of the final grade. The final exam score will replace the lowest midterm exam score, provided the final exam score is higher than the lowest midterm exam score and the lowest exam score wasn't the result of missing an exam.
- In order to receive full credit on exams and assignments, be sure to **show all work**. An incorrect answer with supporting work can earn you more points than a correct answer with insufficient work. Remember that the onus is on you to demonstrate that you know the material and know what you are doing.
- Tentative exam coverage (subject to change)
 - Exam #1: Wednesday, February 26th – Sections 1.1 – 1.8
 - Exam #2: Wednesday, March 25th – Sections 2.1 – 2.6
 - Exam #3: Wednesday, May 6th – Sections 3.1 – 3.6, 8.1, 8.4
 - Final Exam: Wednesday, May 13th – All sections

Homework:

- Your homework will be done online in ALEKS. To access the homework you'll need the Class Code listed above. ALEKS calls the online homework "objectives." Most objectives will be due at 11:59pm the day before the first class of the following week. The official due date for each objective will be provided on the course website. Extensions will not be given, even in cases of technical issues or emergency, so be sure you work on your homework far enough in advance of the due date that any unexpected issues don't prevent you from completing your homework on time.
- Homework is worth 15% of the final grade.

Grading Scale:

Final grades assigned for this course will be based on the combined percentages of the three midterm exams, the final exam, and homework. Final grades will be assigned as follows:

Letter Grade:	Percentage:
A	90 – 100%
B+	88 – 89.9%
B	80 – 87.9%
C+	78 – 79.9%
C	70 – 77.9%
D+	68 – 69.9%
D	60 – 67.9%
F	Below 60%

Policies:

Cell Phones and other Electronic Devices:

Cell phones and all other electronic devices not needed for class should be turned off or silenced and put away. There is to be absolutely NO TEXTING during class. If you are texting, not only are you not paying attention, but you are likely disrupting others' ability to pay attention as well. Your cell phone may not be used as a calculator.

Attendance:

Students are expected to attend each class. There will be no attendance grade; however, attendance will be used for making determinations about make-up exams. If you are absent from class, you are responsible for getting any information or course material you may have missed. While in class, you are encouraged to ask and answer questions and participate in class discussions. You are also expected to be respectful of the instructor's right to teach in and your classmates' right to learn in a distraction-free and disruption-free environment. If you are talking (even whispering), text messaging, using electronic devices for non-class related reasons, or doing anything else which is either distracting or disruptive, you will be asked to leave the class.

Honesty:

Academic dishonesty of any kind will not be tolerated. Any incident of academic dishonesty will be reported to the College's Administration, and the most serious course of action will be recommended as per CSN's [Academic Integrity Policy](#).

Services:

Centers for Academic Success (CAS):

Centers for Academic Success (CAS) provides quality DROP-IN ONLY academic assistance to all students enrolled in for-credit courses at CSN. Tutors are available for most general education courses and some historically challenging courses. Academic learning support includes assistance with learning strategies, Canvas, Smarthinking online tutoring, Microsoft Office, reading, writing, oral presentations, math, and science. CAS tutors also provide support to study groups and assistance for placement test preparation in reading, writing, and math. CAS is open Monday through Sunday to be more accessible to all students. Hours for all locations are: Monday – Thursday 9:00 am to 6:00 pm and Friday – Sunday 11:00 am to 4:00 pm. You may visit [Centers for Academic Success](#) for more details on locations and hours. You may also contact us at one of our offices: Charleston Centers (651- 5732), North Las Vegas Learning Commons (651-4232), Henderson Learning Commons (651-3125).

Disability Resource Center:

If you have a documented disability that may require assistance, you will need to contact the Disability Resource Center (DRC) for coordination of your academic accommodations. The DRC is located in Student Services Center on each campus. For Henderson the number is 651-3795, and the Cheyenne number is 651-4045.

Contact Information:

CHARLESTON Bldg. D – Room 116, 651-5644;

HENDERSON Bldg. B – Student Services Area, 651-3795.

NORTH LAS VEGAS Bldg. E- Room 120N, 651-4045;

Libraries:

The libraries offer workshops throughout the semester for help on research topics. For the schedule call 702-651-5729 or go online: [Library](#)

Other Information

CSN Student Email:

All students enrolled at CSN have a CSN Student Email account. Beginning February 1, 2020, all information from the college will be sent to your CSN-issued student email address (enrollment information, financial aid information, cashier information, college events, etc.). It is extremely important that you check your student email daily. You can access your student email through GoCSN (go.csn.edu). Once you validate your student email address you will have access to Microsoft Office 365 for up to five devices and 1Tb of OneDrive storage (as a current CSN student). www.csn.edu/email

Important Dates:

The following dates represent important college-wide events:

- Mon., February 3rd – Last Day to Drop a Class WITHOUT a Grade of W for a 16-week Session
- Mon., February 17th – No Class (Presidents' Day)
- Fri., March 27th – Last Day to Drop a Class WITH a Grade of W for 16-week Session
- Mon, April 6th – Fri., April 10th – No Class (Spring Break)

Tentative Schedule:

The following dates and coverage are subject to change.

Day	Date	Section	Objective Due Date
W	1/22	Introduction & Syllabus	
M	1/27	1.1 & 1.2	Su 2/2 at 11:59pm
W	1/29	1.3	Su 2/2 at 11:59pm
M	2/3	1.4	Su 2/9 at 11:59pm
W	2/5	1.5	Su 2/9 at 11:59pm
M	2/10	1.6	Tu 2/18 at 11:59pm
W	2/12	1.7	Tu 2/18 at 11:59pm
M	2/17	No Class: President's Day	
W	2/19	1.8	Su 2/23 at 11:59pm
M	2/24	Exam #1 Review	
W	2/26	Exam #1: Section 1.1 – 1.8	
M	3/2	2.1	Su 3/8 at 11:59pm
W	3/4	2.2	Su 3/8 at 11:59pm
M	3/9	2.3	Su 3/15 at 11:59pm
W	3/11	2.4	Su 3/15 at 11:59pm
M	3/16	2.5 (Video lecture; no class)	Su 3/22 at 11:59pm
W	3/18	2.6 (Video lecture; no class)	Su 3/22 at 11:59pm
M	3/23	Exam #2 Review	
W	3/25	Exam #2: Sections 2.1 – 2.6	
M	3/30	3.1	Su 4/12 at 11:59pm
W	4/1	3.2	Su 4/12 at 11:59pm
M	4/6	No Class: Spring Break	
W	4/8	No Class: Spring Break	
M	4/13	3.3	Su 4/19 at 11:59pm
W	4/15	3.4	Su 4/19 at 11:59pm
M	4/20	3.5 (Video lecture; no class)	Su 4/26 at 11:59pm
W	4/22	3.6 (Video lecture; no class)	Su 4/26 at 11:59pm
M	4/27	8.1	Su 5/3 at 11:59pm
W	4/29	8.4	Su 5/3 at 11:59pm
M	5/4	Exam #3 Review	
W	5/6	Exam #3: Sections 3.1 – 3.6, 8.1, 8.4	
M	5/11	Final Exam Review	
W	5/13	Final Exam: All Sections	

*The instructor reserves the right to change the syllabus during the semester if needed. It is the student's responsibility to be aware of changes made.