

MATH 141: PRECALCULUS

FALL SEMESTER, 2023 (8/21/23-12/16/23); SYLLABUS DATE: 8/20/2023

CLASS # 41375; 5.0 Units; Tues. and Thurs., 7:05-9:30pm; MS 418 (Mesa, 4th floor)

INSTRUCTOR: Ken Kuniyuki

Official Address: kkuniyuk@sdccd.edu (esp. for official business like applications).

2nd Email Address: kkuniyuk@yahoo.com; there is no "i" before the "@" in either.

- I usually **check** my email at least once a day, although busy periods may delay responses. To be safe, try emailing both accounts.
- When asking about **homework (HW)**, tell me what you are thinking about the problem, so I know where to start addressing your question. Please go beyond: "How do you do this problem?" Then, I may just give a hint! **Photos help!**

Office / Access Hours: **MW 4:30-5:45pm, TTh 5:30-6:45pm** in **MS 215P (2nd floor)**.

Appointments are not required, although advance notice is appreciated for long discussions. **To get to MS 215P:** From the main stairs, make two rights. From the elevators, make three rights. When you reach the glass doors, you will see the triangle of math offices. I'm at the other end, across from the large glass study area (200G).

Office Phone / Voice Mail: (619) 388-2396. I will try to check messages MTWTh and I may be available for a call during office hours. Long messages could be cut off!

MY WEBSITE AT <http://www.kkuniyuk.com>

MATH 141 SITE: <http://www.kkuniyuk.com/Math141.html>

- Ready access to the Internet and email will be assumed. Webcams will **not** be required.
- I expect to post **homework** assignments and answers; **class notes; old exam outlines; old and current exams and solutions; tips on test-taking and reducing test anxiety;** and extra links, notes, info, and resources for interested students.
- I will try to help you form **study groups**. Email me.

THERE IS NO REQUIRED TEXTBOOK. NOTES ARE ONLINE. HW PROVIDED.

- **Homework (HW)** assignments and answers will be provided on my website. Worked-out **solutions** may be given in some class sessions; student preference may factor in. Students can help each other by "hitting the boards" in class.
- I will tell you what you can **skip** in class. The chapters after Chapter 1 are not as polished, but they are nice in that they are more like "board notes." Chapter 1 is "over-written."
- The Bookstore has optional, black-and-white, small-print (two-pages-to-a-side), shrink-wrapped, three-hole punched copies of the **notes for Chapters 0 and 1**.
- I used to use **Larson's** Precalculus text. The notes from Chapter 2 on basically follow Larson's order of topics. **Cheap, old editions** are sold on ebay.com and amazon.com.
- **My website** has Amazon links to other books and videos. Check ebay.com. The **Schaum's Outline** paperbacks are much cheaper than textbooks, and they have many worked-out problems.

ACCOMMODATIONS; DSPS

- Students with disabilities who may need academic accommodations are encouraged to **discuss** their authorized accommodations from Disability Support Programs and Services (DSPS) with their professors **early** in the semester so that accommodations may be implemented as soon as possible.
- The faculty member will work with the DSPS Office to ensure that proper **accommodations** are made for each student. By law, it is up to the DSPS Office to determine which accommodations are appropriate, not the student or the faculty.
- Students with disabilities or medical concerns who may need academic accommodations should notify their professors **immediately**. See the DSPS website at www.sdmesa.edu/dsps
- Please send me test proctoring forms for DSPS **at least one week** before taking a test.
- If you are involved in professional or college **activities** (e.g., military duty or athletics) that may, for example, hinder your ability to attend class and/or submit homework, let me know **as soon as possible** so that accommodations may be made.
- Students who need **evacuation assistance** during campus emergencies should also meet with the instructor as soon as possible to ensure the health and safety of all students.

ADDITIONAL HELP

Canvas site. I base my class on my website, not a Canvas site, but a **discussion board** and **NetTutor** can be accessed on Canvas: <https://sdccd.instructure.com/login/canvas>
Notes: <http://www.kkuniyuk.com/Math119CanvasNotes.pdf>

Websites! My website has links that may prove helpful.

Your fellow students! Email me. The **Canvas discussion board** may help also.

TUTORING!

- **Mesa Tutoring and Computing Centers (MT2C): Math & Science Tutoring and Computing:** <http://www.sdmesa.edu/mt2c> (link also in Canvas, left sidebar)

Canvas site (including hours, tech help with Zoom and Canvas):
<https://sdccd.instructure.com/courses/2371983>

- **NetTutor.** Free online tutoring via **Canvas:** <https://sdccd.instructure.com/login/canvas>

Live Tutoring (look up "Precalculus"): https://www.worldwidewhiteboard.com/w/wb5/php/nt_subject.php?v=x

- **Math workshops.**
<http://www.sdmesa.edu/academics/schools-departments/mathematics-natural-sciences/workshops/index.shtml>

- **STAR/TRIO Tutoring.** One-on-one weekly tutoring for eligible students (low- income, first-generation college, or disabled).

Email: startrio@sdccd.edu. Web: <http://www.sdmesa.edu/star>

Student resources: <http://www.sdmesa.edu/student-services/student-services/ss-home-page/Helpful%20Resources%20for%20Students.pdf>

DEADLINES (SEE THE “VERY TENTATIVE SCHEDULE” AT THE END)

Adding (*); Drops w/no “W”; Refunds	Fri.	Sept. 1	Week 2
Pass / No Pass petition	Fri.	Oct. 27	Week 10
Withdrawal deadline (**)	Fri.	Oct. 27	Week 10

(*) Tuition and fees must be paid within two (?) days of adding a course, or by this deadline, whichever comes first.

(**) If you do not withdraw from the class by this deadline, I must give you an evaluative grade (like A-F, Pass / No Pass).

GRADES / EXAMS / ASSIGNMENTS

(see also [ALEKS REVIEW + EXTRA CREDIT](#))

- **Points may be deducted** for lateness, not adhering to “good form and procedure (showing good work)” as presented in class, unreadability, and the like. (**Think of me judging you as a tutor – or as a tutee who needs step-by-step help.**) Promptly inform me if there are circumstances preventing you from submitting work on time.

- **Your course score will be out of 1000 points (1000 pts. = "100%"), divided as such:**

EXAMS: 850 points (which is 85% of 1000 points)

-- 2 quizzes given, worth 90 and 60 points (150 points total: 15% of 1000 points)

-- 3 midterms given, each worth 150 points (15% of 1000 points)
(450 points total: 45% of 1000 points)

-- 1 final given, worth 250 points (25% of 1000 points)

QUIZ 1A (90 points)
Chapter 0: Preliminary Topics
QUIZ 1B (60 points)
Chapter 1: Functions
MIDTERM 2 (150 points)
Chapter 2: Polynomial and Rational Functions
Chapter 3: Exponential and Logarithmic Functions
MIDTERM 3 (150 points)
Chapter 4: [Basic] Trigonometry
MIDTERM 4 (150 points)
Chapter 5: Analytic Trigonometry
Chapter 6: Additional Topics in Trigonometry
FINAL (250 points)
Chapter 7: Systems of Equations [and Inequalities]
Chapter 8: Matrices and Determinants
Chapter 9: Discrete Mathematics
Chapter 10: Conic Sections and Polar Equations, as time permits

- The **FINAL** will be given during the last class session, on **Thurs., Dec. 14**, in our regular room. It will tentatively cover Chapters 7, 8, 9, and 10.
- Bring a **scientific calculator** to all exams, though it may be forbidden on some parts. **Graphing calculators and cell phones will be forbidden**; grade reductions may result from their use. (See **COME TO CLASS WITH / CALCULATOR INFO.**)
- There are **no guarantees regarding makeup exams, although I will make a solid effort to accommodate them.** Even if one is allowed, you may get less time for a harder exam, and it might not be returned; also, it may hurt if you end up at a “borderline” grade. **Testing conditions may be very poor.** You must inform me as soon as possible if accommodations are necessary. **Promptly inform me if there is a problem taking an exam; do not expect do-overs of exams to be allowed**
- I do not expect to drop exams.
- **Bring a scientific calculator, a pencil or a pen, and maybe an eraser. Paper will be provided.**
- Exams are “closed book” and “closed notes,” but a scientific calculator may be allowed on some parts. (See **COME TO CLASS WITH / CALCULATOR INFO.**)

HOMEWORK (“HW”): 85 points (8.5% of course grade)

-- 6 HW assignments (**You do NOT have to do “ADDITIONAL PROBLEMS.”**)

HW for Chapter 0	9 points
HW for Chapter 1	6 points
HW for Chapters 2-3	15 points
HW for Chapter 4	15 points
HW for Chapters 5-6	15 points
HW for Chapters 7-10	25 points

- The **HW assignments** are on my Math 141 website:
<http://www.kkuniyuk.com/Math141.html>
- Although you are strongly encouraged to do problems as soon as you can, homework will typically be **collected on the day of the corresponding exam**, unless the due date is explicitly postponed.
- We may discuss some **solutions** in our HW sessions (typically during part of the session **prior to** the session of the corresponding exam); student preference may factor in. **We also do this after regular class sessions.**
- **Expect late HW to be penalized.** Expect late HW to lose about 5% each day after the due date. Email me if there are difficulties. **The last HW must be turned in on time.**

HOW TO DO HOMEWORK IN OUR CLASS

- Students can write out (or type) their solutions to problems on paper and turn in their HW to me at the corresponding exam. Alternatively, you can email scans or photos of HW to me at **both** kkuniyuk@sdccd.edu and kkuniyuk@yahoo.com (there is a danger of emails going to Spam / Junk folders).
- You **do not have to copy the given problem statements**, though sometimes it helps students.
- **The HW is meant to help you learn and study for exams. Feel free to mark it up! I encourage highlighting, comments in margins, etc.** Your key work must be readable, though. For grading, it will be scanned for completeness and overall integrity.
- If short on time, you may want to do a **few problems from each section** first instead of trying to complete each section one-by-one, linearly. You may want to see **study buddies, tutors, or me** if you **struggle** with some exercises.
- If you have trouble with HW problems, it may be a good strategy to **leave space for them, temporarily skip them, and come back to them** later. Your spacing does not have to be perfect. Make sure your solutions are in the **correct order** so that there is no confusion and you can get all the points.
- **Make sure you clearly separate sections on your homework!**
- **Write your first name, last name, and “Math 141” on either a title page or on the upper right corner of the first page.**
- **Put PAGE NUMBERS at the top of your pages. You want credit if you accidentally submit your pages in the wrong order!**
- **Do not turn in a thick, bulky binder.** I collect many HWs, and the HW might not be returned to you for a while.
- On your homework, **show work where appropriate. Points may be deducted** from submissions that are incomplete or illegible, that are systematically copied (aside from me), that are turned in late, that do not adhere to “good form and procedure (showing good work)” as presented in class, or that have insufficient, unreadable, or unordered work.
- **Showing work** is critical! My notes and videos will give you guidance on how to show work. Try to think of yourself as a **tutor** who is helping a student who has to be shown **all the steps** – I have the right to grade you like I am that student!
- I am giving you most short **answers** on my website, so **showing work** is critical!
- **(A)** means that **Part A** of that section’s **online notes** will help, **(B)** for **Part B**,
- **Failure to do homework in a timely manner can wreck your grade in this class - in terms of both points and exam preparation!**

CLASS PARTICIPATION / ATTENDANCE: 65 points (6.5%)

- I will take attendance in class, except on exam dates.
- Students who miss the first two weeks of class by not registering attendance will be dropped.
- Students who miss three sessions may be dropped.
- **Contact me** if you have a problem with attendance.
- This may involve participation in class, class attendance and promptness, avoiding disruptive behavior, office / access hours, email, HW sessions, in-class activities and exercises, possibly Canvas discussion boards, etc.
- **Students are distracted by late arrivals to (or premature departures from) class.**
- Your grade in this class will be affected by class participation as follows: **Everyone will get the 65 points here.** However, class participation can be a **key factor in determining grade “borderline” cases.**

The following are guarantees:

	At least ... out of 1000 points			
Course score	890 (89%)	790 (79%)	690 (69%)	590 (59%)
Grade guarantee	A	B or better	C or better	D or better

I do not reverse curve. The grade cutoffs may be lowered.

Percents might not be rounded up! **Class participation could be critical here.**

The course may be taken on a Pass / No Pass basis, but check your program requirements, first. The petition deadline is **Fri., Oct. 27 (Week 10)**.

WHAT IF WE GO ONLINE? (NOT EXPECTED)

Exams may go online, or HW could take on greater significance.

ACADEMIC INTEGRITY

- **Cheating is easier to detect than students think! I grade problem-by-problem and often compare student work. Exams may be photocopied any time (namely breaks).**
- Possible penalties include assigned scores of “0” and action by the school dean. Refer to Policy 5500 in the Mesa College catalog.
- **Collaboration** outside of class is encouraged, but **systematic copying is forbidden.**
- In the event of **systematic copying**, the instructor may consult with students before assigning points.
- **Online resources** should be used judiciously and only to **enhance the students’ learning.** Grading may be based on solution methods **as presented in class.**
- Homework exercises and grading schemes from prior terms may not apply now.

CLASSROOM BEHAVIOR AND STUDENT CODE OF CONDUCT:

Students are expected to respect and obey standards of student conduct while in class and on the campus. The student Code of Conduct, disciplinary procedure, and student due process (Policy 5500) can be found in the current college catalog in the section Academic Information and Regulations, and at the office of the Dean of Student Affairs. Charges of misconduct and disciplinary sanctions may be imposed upon students who violate these standards of conduct or provisions of college regulations.

Statements from Mesa / Student Services:

San Diego Mesa College Academic Honesty Statement

San Diego Mesa College values honesty, academic integrity, and community. Our goal is to guide our students in maintaining academic excellence, in addition to fostering a sense of belonging to our campus.

[We expect a student to affirm the following:]

As a student at San Diego Mesa College, I am committed to producing my own work in connection with all lecture and laboratory assessments and assignments, and will refrain from any activity to include copying, cheating, plagiarizing, utilizing outside resources [inappropriately], or any form of academic misconduct. I will only use external sources when approved by faculty, and I will properly acknowledge these external sources. I understand failure to comply with these standards will be considered a violation of the Student Code of Conduct under Board Policy 5500 and may result in student disciplinary action.

We thank our students in advance for adhering to these community standards.

Students are expected to be honest and ethical at all times in the pursuit of academic goals. Students who are found to be in violation of Administrative Procedure (5500) Honest Academic Conduct, may receive a grade of zero on the assignment, quiz, or exam in question and may be referred for disciplinary action in accordance with Administrative Procedure (5500), Student Disciplinary Procedures.

PREPARATIONS FOR CLASS / CALCULATOR INFO:

- You will need **Internet and email** access.
- Copies of **homework** assignments and answers
We will discuss the homework in a session prior to an exam session.
We may have time to discuss homework after class.
- **A scientific (not graphing) calculator - you will need one for the course.**

Some sections at City, Mesa, and Miramar (and at Cuyamaca and Grossmont) are more graphing calculator-based; check the online schedule.

Many scientific calculators are like graphing calculators as far as WYSIWYG (What You See Is What You Get) entry goes. The Sharp EL733A is a good business calculator; the HP 30S has a large display; and the TI-30X IIS (which I have and which I can help you with) can also be good, though it relies on menus.

Many instructors like the TI-36X Pro. You may be able to borrow one for the semester from the first floor of the library (LRC) – in the STEM Center or at the front desk.

- **Some paper and a pencil or pen: for notetaking and in-class exercises**

RESPONSIBILITY TO ADD, DROP, OR WITHDRAW

It is the student's responsibility to drop all classes in which they are no longer attending. Students who remain enrolled in a class beyond the published withdrawal deadline, as stated in the class schedule, will receive an evaluative letter grade in this class. If you decide to withdraw from this course, you are reminded to do so by **Fri., Oct. 27. To avoid a mark from appearing on your transcript, remember to drop by **Fri., Sept. 1**.**

Petitions to add, drop, or withdraw after the deadline will not be approved without proof of circumstances beyond the student's control which made them unable to meet the deadline. Lack of money to pay fees is not considered an extenuating circumstance. Students anticipating difficulty in paying fees before the add deadline should check with the Financial Aid Office about sources of funds or other alternatives for which they may be eligible. **Expect "late" adds, drops, and withdrawals to no longer be accepted, with few exceptions (contact Admissions).**

Please discuss your plans to withdraw from class with your instructors. They may have other options for you that may allow you to continue in class.

INSTRUCTOR ABSENCE (DISTRICT POLICY)

If neither the instructor nor a substitute appears at the beginning of the scheduled class time, students shall wait 20 minutes; if neither the instructor nor a substitute appears within those 20 minutes, students may "leave the classroom."

DO YOU NEED THIS CLASS?

Make sure that you check www.assist.org to see that your major requirements for transfer have not changed. Bear in mind that the site needs updating.

OFFICIAL STUFF WE CAN SKIP 😊

PREREQUISITE

MATH 104 (Trigonometry) with a grade of "C" or better, or equivalent.

COURSE DESCRIPTION (IN CATALOG)

This course is a study of numerical, analytical, and graphical properties of functions. The course content includes polynomial, rational, irrational, exponential, logarithmic, and trigonometric functions. Additional topics include: inverse functions, complex numbers, polar coordinates, matrices, conic sections, sequences, series and the binomial theorem. This course is designed as a preparation for calculus and is intended for the transfer student planning to major in mathematics, engineering, economics, or disciplines included in the physical or life sciences. (FT). Associate Degree Credit & transfer to CSU. UC Transfer Course List. MATH 116 and 141 combined: maximum credit, one course.

COURSE LEARNING OUTCOMES (MATH 141 COURSE CLOs)

- #1 - Given the representation of a graph ($f(x)$), students will identify the a , h and k variables in the expression $a f(x-h)+k$ for a variety of transformations.
- #2 - Students will be able to calculate the difference quotient for a variety of functions and simplify it.

PROGRAM LEARNING OUTCOMES (DEPARTMENTAL / MATH)

"Students who complete the Mathematics program will be able to....."

- 1) Problem Solving: Apply appropriate mathematical definitions, properties, techniques, and/or technology to a variety of problem solving situations.
- 2) Interrelatedness of Concepts: Demonstrate knowledge of the interrelatedness of several mathematical concepts.
- 3) Communication and Reasoning: Demonstrate the ability to communicate mathematical reasoning both in the context of solving a problem and in the reasonableness of a solution.

STUDENT LEARNING OBJECTIVES

Upon successful completion of the course the student will be able to:

1. Define and distinguish between higher order polynomial functions and non-polynomial functions and relations, and analyze the graphs of functions by determining their domains and ranges.
2. Analyze properties of functions and their graphs, including symmetries, increasing and decreasing intervals and their end behavior asymptotes.
3. Prove algebraically and justify graphically when a function is one-to-one.
4. Graph a variety of algebraic, rational, exponential, logarithmic, and trigonometric functions, and where applicable, use rigid and non-rigid transformations, intercepts and asymptotes.
5. Perform algebraic operations on various functions including composition of functions, and determine the domain of the resulting function.
6. Calculate the inverse of a one-to-one function, determine the domain and range of the inverse and describe the relation between their graphs.
7. Solve equations and application problems involving exponential and logarithmic functions.
8. Simplify difference quotients involving a variety of functions including polynomial, rational, trigonometric, exponential, and logarithmic functions.
9. Apply a variety of root finding theorems and tests in order to factor polynomials or solve polynomial equations whose degree is higher than quadratic.
10. Simplify rational expressions and expressions involving radicals that arise from calculus operations, such as those from the product or quotient rules.
11. Determine the partial fraction decomposition of rational functions.
12. Define, evaluate, describe and graph all trigonometric and inverse trigonometric functions, and solve equations involving these functions.
13. Derive and prove fundamental trigonometric identities including the sum, difference, double and half angle identities.

14. Apply the laws of sines and cosines in solving oblique triangles and application problems.
15. Represent complex numbers in standard, trigonometric and exponential forms and perform arithmetic operations with each.
16. Perform algebraic operations involving matrices.
17. Apply matrices in solving linear systems of equations.
18. Compute the determinant of a square matrix, and apply determinants to various applications.
19. Apply vector algebra to problems involving vector quantities.
20. Perform the vector operations called dot and cross products, and formulate their geometric interpretations.
21. Analyze, identify, and graph the four conic sections.
22. Solve systems of non-linear equations and inequalities, including those involving conic sections.
23. Define and analyze sequences and series, including arithmetic and geometric sequences and series, find the sum of finite and infinite geometric series.
24. Apply the binomial theorem to expand powers of binomial expressions.
25. Prove elementary mathematical statements using the Principle of Mathematical Induction.

STUDENT SERVICES SUPPORT: **SAN DIEGO MESA JOURNEYS TOOL**

The San Diego Mesa Journeys tool (<http://www.sdmesa.edu/mesa-journeys/>) provides free access to over 30+ support programs and services to help you succeed. The “Your Mesa Journey” tool is a short survey asking various questions about your demographics and educational goals. Based on your responses, the application will then provide you a list of recommended programs and services that may help you with your educational journey here at Mesa College. Please complete it today at: <http://www.sdmesa.edu/mesa-journeys/>

ALEKS REVIEW + EXTRA CREDIT (UP TO 25 POINTS; 2.5%) **(6-WEEK LICENSE; CAN RENEW)**

• **Other review sites (not for extra credit but they are free!).** Khan Academy and MyOpenMath also have free resources for students!

- **ALEKS class code.** Let me know if you never got this! You can check the Canvas site.
- **Timing.** My “PreCalculus Chapter 0 **F23**” ALEKS course is based on Chapter 0, so you should do this ASAP (as soon as possible). It is not required, but it can help a lot – in terms of your knowledge of Chapter 0 material, and also in terms of points. You will likely purchase the 6-week license, but longer licenses are available. You can renew the license, though all work you do for extra credit must be done by **Sat., Dec. 16** (about 11:59pm).
- **Losing ground.** ALEKS punishes procrastinators, so do not take long breaks in your progress through the system! Sometimes, students lose progress % points after retesting. I will try my best to capture your best % along the way through the midnight reports I receive.
- **Additional topics.** Although there are no plans (as of now) to make this extra credit, additional Precalculus topics may be available for your practice; check your email.
- **Purchasing and access.** ALEKS codes can be purchased through <http://www.aleks.com/> Email me for the class code and other info if you don't get my email. (Note: My last name is misspelled as “Kuniyuiki.”) Check online for system requirements. Check my website.
- **Safari warning.** ALEKS might not work well on old versions of the Apple Safari browser.
- **Grading criteria.** I have determined the ALEKS “pie” for our class.

If you complete...	You will receive at least...
At least 50% of the ALEKS pie	5 points
At least 60% of the ALEKS pie	10 points
At least 70% of the ALEKS pie	15 points
At least 80% of the ALEKS pie	20 points
At least 90% of the ALEKS pie	25 points

You would get 6 points for 52%, 7 points for 54%, etc.

- **Assessment not-a-test.** Don't cheat on this diagnostic tool! It is meant to place you accurately within the ALEKS system. You will end up doing **more** work if you are not correctly assessed!
- **Materials.** Pencil, paper, and a notebook are recommended.

INTERNET TECHNOLOGY

- **YOUTUBE**

Optional: Old lecture videos are posted on my YouTube channel; go to “**Playlists**”:
<https://www.youtube.com/channel/UCpftfxKG-zvG3SaXeCiivHA>

I hope to organize the YouTube links better on my class website:
MATH 141 SITE: <http://www.kkuniyuk.com/Math141.html>

- **CANVAS:** <https://sdccd.instructure.com/login/canvas>

Student discussion boards and **NetTutor** are available.

I do not plan to use Canvas much. **Grade** info will be on returned exams or in emails.

LEARNING CULTURE (Motivation & Student Success)

<http://turning-on-the-lights.com/>

- Student potential is not questioned.

- You define you! Seek solutions and be mentally tough!

NOTES / CLASS CONTACTS

MATH 141 VERY TENTATIVE SCHEDULE (version 1)

Can be changed; HW = HW questions; HW usually due on exam dates

FALL 2023; Week # (Holidays / Deadlines)	TUESDAY	THURSDAY
1	8/22 (Day 1) Hello / 0.1-0.5 start	8/24 (Day 2) finish 0.5-0.7 (start)
2 Add; Drop w/no W; Refund (Fri.,9/1)	8/29 (Day 3) 0.7 (finish)-0.10	8/31 (Day 4) 0.11-0.16
3 Holiday (Mon., 9/4)	9/5 (Day 5) 1.1, 1.2 / HW (discuss)	9/7 (Day 6) QUIZ 1A / 1.3
4	9/12 (Day 7) 1.4, 1.5, 1.6	9/14 (Day 8) 1.7-1.10, (skim 1.11)
5	9/19 (Day 9) 2.1, 2.2 / HW	9/21 (Day 10) QUIZ 1B / 2.3, start 2.4
6	9/26 (Day 11) finish 2.4, 2.5	9/28 (Day 12) 2.6, 2.7
7	10/3 (Day 13) 3.1, 3.2, start 3.3	10/5 (Day 14) finish 3.3, 3.4/3.5, 4.1
8	10/10 (Day 15) start 4.2-4.4 / HW	10/12 (Day 16) MIDTERM 2
9	10/17 (Day 17) "finish" 4.2-4.4, 4.5	10/19 (Day 18) 4.6, start 4.7
10 "W" deadline; Pass/No Pass (Fri., 10/27)	10/24 (Day 19) finish 4.7, 4.8, 4.2-4.4 parts, start 5.1	10/26 (Day 20) finish 5.1, 5.2, start 5.3 / HW
11	10/31 (Day 21) MIDTERM 3	11/2 (Day 22) finish 5.3, start 5.4/5.5
12 Holiday (Fri., 11/10)	11/7 (Day 23) finish 5.4/5.5, 6.1, 6.2	11/9 (Day 24) 6.3, 6.4, (skim 6.5)
13	11/14 (Day 25) 7.1-7.3, start 7.4 / HW	11/16 (Day 26) MIDTERM 4
No classes this week!	NO CLASS	NO CLASS
14	11/28 (Day 27) finish 7.4, (skim 7.5, 7.6), start 8.1	11/30 (Day 28) finish 8.1, 8.2, 8.4, (skim 8.3, 8.5)
15	12/5 (Day 29) 9.1/9.6, 9.2, 9.3	12/7 (Day 30) 9.4, 9.5, start Ch.10
16 Semester ends / ALEKS due (Sat., 12/16)	12/12 (Day 31) more Ch.10 / HW	12/14 (Day 32) FINAL

MATH 141: Precalculus; Mesa; Class # 41375; 5 units; TTh 7:05-9:30pm; MS 418 (4th floor)

Ken Kuniyuki; kkuniyuk@sdccd.edu (official) and kkuniyuk@yahoo.com (backup)

YouTube: (organized on my website)

Office / Access Hours: MW 4:30-5:45p, TTh 5:30-6:45p; MS 215P (2nd floor); no appointment needed

Website (with complete syllabus): www.kkuniyuk.com