

Janak's Syllabus - The Green Sheet--Mathematics Department--De Anza College

Spring 2017- Pre-Calculus-- Math 41.23 (TTh 1.30-3.45pm)

Instructor: Mrs. Nirmala Janak
Class-Room: L-74

Office Hours: T & Th : 1 - 1.30 pm (L-74)
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Course Description:

Topics include: Functions –linear, polynomial, rational, exponential, logarithmic– and their graphs; solving equations and applications associated with each of those functions.

Course Text : Pre-Calculus with Limits –3rd Ed., Larson;

A graphing calculator (TI-83/83+/84) is MANDATORY.

Author's tutorial help is available at www.larsonprecalculus.com

Student Learning Outcomes: (SLO's)

1. Investigate, evaluate, and differentiate between algebraic and transcendental functions in their graphic, formulaic, and tabular representations.
2. Synthesize, model, and communicate real–life applications and phenomena using algebraic and transcendental functions.

Pre–requisite: Math 114 with a C or better

***ATTENDANCE** : Attendance is strongly emphasized. Since mathematics is cumulative in nature, attendance at all classes is expected. Students should be aware of appropriate drop dates. When you are absent, it is your responsibility to get the notes from other students who attend this same

Janak's Syllabus - The Green Sheet--Mathematics Department--De Anza College

class. **Your classmates are your great resource.** *******It is strongly suggested** that you get the names and email / phone numbers of *several* students in the class so that you may contact others for any missed assignments , should you be absent.

Note: . It is the student's complete responsibility to drop this class when the student cannot continue the course for any reasons. If a student is **absent more than two times** (unexcused absences) he / she will be dropped by me.

* **Homework :** Homework assignments are given on each day of the class. They represent the student's opportunity to learn what was taught, by practicing both mechanical skills and problem-solving techniques. The student is expected to do –and is responsible for– all assigned problems associated with the section(s) of the text covered each class meeting.

* The students are encouraged to ask questions from the HW, at the beginning of next class. Also, students can always meet me one-on-one, during my office hours, after your visit to tutoring.

* **Note:** 1. Every student MUST bring 1) Text book ; 2) A graphing calculator (TI-83/84/86) 3) Writing material; 4) Graph paper; PEN OR PENCIL every day to the class.

* PLEASE Feel free to approach me about any of your problems at any time through email. I am email active, so will give u reply in 24 hours.

Janak's Syllabus - The Green Sheet--Mathematics Department--De Anza College

* **GRADING:** . It is a POINT system.

Page:3

1. QUIZZES: (50 points each ; 2 quizzes (2. 50 = 100 points)

- a) Quizzes are given at the beginning of the class, **in the first 20-30 min.** See the schedule.
- b) If a student is late to the class, he/she must understand that No extra time is given for the quiz.
- c) A total of 2 quizzes are given and **no quiz score is dropped**, all are counted.
- d) And **no quizzes are made up**, if any student is absent for any quiz for any absence.
- e) The date of the quiz will be announced in advance..

2. MID-TERM TESTS (3): (3 TIMES 100 = 300 points)

- a) 3 Mid-terms are given in the quarter.
- b) The Mid-term test is given on a THURSDAY at the beginning of the class. Duration is 50 min-1 hour.
- c) If a student is late to the class, he/she must understand that No extra time is given for the TEST.
- d) TESTS are **NOT** made up if any student is absent for any Mid-term test for any reason, excused OR UNEXCUSED

3. **FINAL EXAM: (100 points)** There will be a comprehensive final exam on the last day we meet. A student ***must take*** the final exam to pass the course. Before going to the finals even if a student has a passing score, but if he/she does not attend the final exam, he/she will earn only F. So TAKING FINAL EXAM IS MANDATORY.

Optional points: (NOT MANDATORY)

1. **HW:** Total 15 POINTS (On each TEST DAY (THURSDAY) HW needs to be submitted PRIOR TO THE TEST. No late work will be taken. HW is NOT MANDATORY
2. **CW:** Total 13 POINTS : DURING FINAL EXAM CW NOTEBOOK NNEEDS TO BE SUBMITTED. (10 points for CW and 3 points for neat and complete work)
3. **Bonus Points:** Total 22 points. Periodically Bonus questions are given in the class. ALL THESE OPTIONAL POINTS will be added to the overall FINAL scores to bring the grade up. (15 +13 + 22 = 50 POINTS)

Janak's Syllabus - The Green Sheet--Mathematics Department--De Anza College

Page:4

Category	Description	Score
1. Quizzes (2 quizzes) 20- 30 min	EACH QUIZ CARRIES 50 POINTS (2X50 = 100)	100 points
2. Mid-Term - 1	50 min-1 hr test)	100 points
3. Mid-Term - 2	50 min-1 hr test)	100 points
4. Mid-Term - 3	50 min-1 hr test)	100 points
Final Exam	2 hours	100 points
Total Points		500 points

95-100 : A+ 90-94 : A 85- 89: B+ 80-84: B 75-79 C+ 70-74: C 65- 69: D+ 60-64 D < 60 : F

*** **Cell phones** : should be switched off before entering the class and YOU SHOULD NOT use a cell phone AS a CALCULATOR. If I see that if cell phone is on, he/she may be asked to leave the class. And that would be counted as half absent. Also points are subtracted from the earned points.

Additional Information:

1. The instructor reserves the right to change the dates of quizzes, Tests & the dates of the lessons.
2. Keep all your graded material until the end of the class in case the COMPUTER file is lost

Janak's Syllabus - The Green Sheet--Mathematics Department--De Anza College

Student Services Click on the link <http://www.deanza.edu/student-services/> for information about financial aid, childcare, counseling, academic support, disability support, student activities and other services provided by the college. Note: Those needing accommodations based on the impact of a disability must contact the Disabled Students Services directly.

Free Tutoring: The Math Tutoring Center in Room S4 offers free tutoring on Mondays, Thursdays from 9 : 00A.M.-5 : 30P.M. I strongly encourage you to utilize this resource. More information can be found here: <http://www.deanza.edu/student-success/mstrc/>

Supplemental Resources: I encourage you to poke around the library and web to see what other supplemental resources exist. One great resource is the following link: <http://tutorial.math.lamar.edu/Classes/Alg/Alg.aspx>

Another useful online math learning resource is Khan Academy (www.khanacademy.org/math).

Getting Help: In addition to the above mentioned, you can get help at the *Math, Science & Technology Resource Center (MSTRC)* in S43. They are open M-Th 8:30am – 6:30pm and F 8:30am – 12:30pm.

* **Cheating Policy:** Any student caught cheating on a quiz or an exam will receive 0 points on that quiz or exam. The same holds for any student who allows another student to cheat.

*** Disruptive classroom behavior may include (but is not limited to) the following: talking when it does not relate to the discussion topic, sleeping, reading other material (e.g. newspapers, magazines, textbooks from other classes), eating or drinking, monopolizing discussion time, refusing to participate in classroom activities, texting, and engaging in any other activity not related to the classroom activity

Janak's Syllabus - The Green Sheet--Mathematics Department--De Anza College

* **Homework (TENTATIVE)** -----(I may add/delete more problems or remove problems from the list)

Problems

1.1 : Vocab (all) ##1,5,9,19,21,23,26,28,29,33,38, 43,55,56 and 57

1.2: Vocab (all) ## 1,5,7,9,17,19,21,23,29,31,33, 35, 47, 55, 59,67 and 71

1.3: Vocab(all) #9-15(odd) 19,23,25,27,33,36,37,40,41,43,45, 53,59,68,61,
71,75,77,97,79,81,83, 89,91 and 93

1.4: Vocab (all) #7,13,17,18,31, 32, 35,39,41,51,54,57,77,92, 93 and 94,

1.5: Vocab (all) 1,3,4,5,;##9,12,13,15,17,20,24,25,33, 34,38, 48,52,54,61,72,74 and 76

1.6 Vocab (all) 1-10,11,13,19,22,24,25,27,30,36,38 and 40

1.7. Vocab (all) ##11,15,17,19 - 23, 24,25,35,47,51 and 52

1.8. Voc (all) ##11,13,19,21,23,77,35,45,49-57(odd)

1.9 Voc(all);##7-35(odd)

1.10 Voc(all); ## 24,30,34,37,38,59,60 and 62

Janak's Syllabus - The Green Sheet--Mathematics Department--De Anza College

PAGE: 7

2.1 Voc(all); ## 7-12, 15,21,24,29,45,47-,53 and 57

2.2: Voc(all); ## 9-14, 16, 17, 19-29(odd),35-49(odd), 115(a-d)

2.3 Voc(all);##11,13,19,21 24, 31,32,35, 36,38,47,49,57,6168 and70

2.4: Voc(all); ##7,9,13,15,17,19,26,34,40,44,50,56,58,61,63,66,67,68, 75,93-97

2.5 Voc(all); ## 11,12,15,17,21,23,24,25,27,29,35-43(odd),47-49(Odd),51,56,58,61,66
67,68,70,76,128,130

2.6 Voc(all); ##5, 7,9,15,17,19,23,25,27,41- 44

2.7 Voc(all); ##5,7,21,15,27,29,22,32,40-50(even) ,61-65(odd), 76

3.1 Voc(all); ## 8.9,12, 85, 13-16, 24,25, 28,30-34(even),46,50-60(even) 68,70

3.2 Voc(all);#8-20(even) 25, 30-36 (even), 42-46 66,68,72, 77, 79

3.3 Voc(all); 8,10,14,18-30(even) 42-48(even) 56, 58,68-76(even)

3.4: Voc(all); 3,4, 8-14 (even) 16,-30(even), 44-56 (even), 61,72,74

3.5 Voc(all); 1-4, 7-12, 16, 32,34,38,47

Janak's Syllabus - The Green Sheet--Mathematics Department--De Anza College

Name: _____; Math 41.23

OPTIONAL (Bonus) POINTS

Note: You need to carry THIS SHEET every day you come to the class. IF YOU DO NOT HAVE IT YOU WILL NOT GET THE BONUS POINTS YOU EARNED THAT DAY.

3. ** Bonus points (I will sign on this slot every time you get bonus points in the class). It is your responsibility to get it signed by me. Maximum TWO PER DAY

Apr 11th	Apr 13th	Apr 18th	Apr 20th	Apr 25th	Apr 27th	May 2nd	May 4th	May 9th	May 11th	May 16th

May 18th	May 23rd	May 25th	May 30th	Jun 1st	Jun 6th	Jun 8th	Jun 13th	Jun 15th	Jun 20th	Jun 22nd

1 Bonus point for every one for bringing this printed syllabus on the 1st meeting of the class. I will sign your syllabus. FROM THEN ON You need to carry this all the time along with your notes.

Janak's Syllabus - The Green Sheet--Mathematics Department--De Anza College

Important Dates:

Saturday, April 22 :: Last day to [add](#) quarter-length classes. *Add date is enforced.*

Sunday, April 23 :: Last day to [drop](#) for a full [refund or credit](#) for all students (quarter-length classes only)..

Sunday, April 23:: Last day to [drop](#) a class with no record of grade. *Drop date is enforced.*

Friday, May 5 :: Last day to [request pass/no pass](#) grade. *Request date is enforced.*

Friday, June 2:: Last day to [drop](#) with a "W." *Withdraw date is enforced.*

Saturday - Monday, May 27-29 :: Memorial Day Weekend (no classes)