

# Syllabus

Math 254 – Calculus I  
Spring 2007  
June Decker  
4 Credit Hours

course number 10411  
Wednesday 5:30 till 9:05 PM  
TRCC Campus, New London Turnpike. Room 222

How to reach me: My office is located in the faculty area on the Mohegan Campus (the future Norwich Tech High School), Mahan Drive

(You can find my office by following the Lemon Tree visible above the cubicles.)

Office Phone: 860-892-5747 (at the Mohegan Campus) Cell Phone: 377-7788

Office hours: Monday and Wednesdays 11:30-12:30 in the Mohegan office

Tuesday/Thursday 2-2:30 room 214 E Thames Campus.

Online: I will be on the white board and chat in VistaWebCT every Monday night from 9:30 till 10:15

Other times by appointment.

E-mail: [jdecker@trcc.commmnet.edu](mailto:jdecker@trcc.commmnet.edu)

Tutor Center (TASC) services are free to TRCC students. You may go to either of the tutor areas in the Mohegan or Thames Library. Video lectures are available at the libraries, as well. Online tutoring is available. A set of videos at the thames library may be checked out for 3 days at a time. The videos correspond to a more detailed version of the Stewart Calculus, but they will be easy to coordinate by topic name, if not by chapter.

## Course Description

This is a first course in calculus intended for students who plan on majoring in mathematics, physical science, or engineering technologies. The topics include limits, continuity, differentiation and integration of functions, including transcendental functions, and applications such as related rates, optimization, volume of revolutions and areas bounded by curves.

Prerequisite: successful completion of Precalculus Math 186, or appropriate score on math Placement Test.

## Required Materials

Textbook: Essential Calculus, by James Stewart, published by Thomson, Brooks/Cole 2007

Graphing Calculator (recommend a TI- 83, 84 or 89)

EXCELLENT FREE SUPPLEMENT: go to <http://ocw.mit.edu/ans7870/resources/Strang/strangtext.htm> for the Massachusetts

Institute of Technology's open courseware website. You will find an excellent calculus text and study guide by Gil Strang for FREE.  
(Another item you may wish to purchase is the calculus paperback from the Shaum's Outlines series, available at many bookstores for \$20 or so. Shaum's outlines are classic aides for many math and science courses.)

#### Useful Internet addresses

Vista WebCT for course information: <http://my.commnet.edu>

Publisher's Website <http://www.thomsonedu.com>

Three Rivers Community College website: <http://www.trcc.commnet.edu>

#### Grades

Final grades for the course are available to students after May 23(some sooner) on <http://my.commnet.edu> . You may email me after the final exam to inquire about your grade. You may make arrangements with me to review your final exam, if you wish. Determination of your grade will be based on the following:

Tests. There will be five tests worth 100 points each and a comprehensive final exam worth 200. The grade for your lowest of the five chapter tests will be replaced by the grade you earn on the final exam if the substitution helps you. If you miss a test, that will be the test that is replaced by the final exam. Make ups on tests will be granted sparingly, and if arranged in advance. If you miss the final exam, and if you have a D- or better at the time of the final, then an incomplete will be given for the course in accordance with college policy. The final exam is mandatory. Scoring 50% or better on the final exam is a necessary but not sufficient condition for passing the course.

Class and homework: You will be given 9 points for every class that you attend. In preparation for each class, you will (1) hand-write a sentence or two about which topic(s) or concept(s) were unclear; (2) indicate what homework problem(s) you would like us to discuss in class; (3) write the complete, worked-out solution to one homework problem that you were especially proud of yourself for being able to do. I will collect this paper from you at the start of each class, and will count it as 4 out of the 9 points.

#### Grading opportunities:

Five chapter tests: 500 total

Final exam 200

Class attendance 117

and written questions at the start of class (9\*13 weeks = 117)

**Your final grade will be determined by adding the points you have earned and**

**dividing by 800.**

Grade Equivalents

<b>A</b>	<b>93-100</b>
<b>A-</b>	<b>90-92</b>
<b>B+</b>	<b>87-89</b>
<b>B</b>	<b>83-86</b>
<b>B-</b>	<b>80-82</b>
<b>C+</b>	<b>77-79</b>
<b>C</b>	<b>73-76</b>
<b>C-</b>	<b>70-72</b>
<b>D+</b>	<b>67-69</b>
<b>D</b>	<b>63-66</b>
<b>D-</b>	<b>60-62</b>
<b>F</b>	<b>0-59</b>

A passing grade of D- or better is required to go on to Calculus 2. However, mastery of the material in Calculus 1 is suggested before you enroll in Calc 2. You may select the Pass/Fail option for a class until April 1, 2008

Withdrawal Policy A “drop or withdrawal” from the course will be accepted until April 29, 2008. Students need to fill out the special withdrawal form available at the registrar’s office. Contrary to what is written on the withdrawal form, my signature is NOT required for withdrawal. Withdrawals are processed only through the Registrar’s Office at (860) 892-5756 or the Subase at (860) 445-5575. Students who do not withdraw, but stop attending will be assigned an "F".

Disabilities Statement If you are a student with a disability and believe you will need accommodations for this class, it is your responsibility to contact the disabilities Counseling Services at 383-3240. To avoid any delay in the receipt of accommodations, you should contact the counselor as soon as possible. Please note that I cannot provide accommodations based upon disability until I have received an accommodation letter from the disabilities counselor.

Emergency closings are posted on the college website: [www.trcc.commnet.edu](http://www.trcc.commnet.edu), recorded on the college phone 860-886-0177, or broadcast on TV or radio. If there is a delayed opening or if morning classes are cancelled, we will meet at the usual class time of 5:30 . To the extent that I am able, I will post cancellation notices, both school wide and for our class only, on Vista WebCT, so be sure to check Vista to see if classes or office hours are cancelled. I will communicate any changes about what to study or what homework to do via VistaWebCt on <http://my.commnet.edu>. You can also try me at my office phone or my cell phone.

