

**Applied Calculus I  
AMS 151  
Spring 2018**

**Instructor:** Dr. Kazem Mahdavi, Professor of Mathematics

**Office:** Academic Building A 511

**Office Hours:** TTH 3:00-5:00pm, or by appointment

**Telephone Number:** 032-626-1384

**Email:** kazem.mahdavi@sunykorea.ac.kr

**Class Meeting Time:** MW 3:30 – 4:50 pm

**Room:** C107

TAs: Ka-Yeon Lee, office hours TTh 9:30-10:30am

Samuel Shin, office hours MW 2:00-3:00pm

**Required Texts:** Calculus (Single Variable), by Hughes-Hallett, Gleason, McCallum, et.al., 6<sup>th</sup> Edition (International Student Version)

**Course Description:**

This is a 3 credit hours course. In this course we review functions and their applications; analytic methods of differentiation; interpretations and applications of differentiation; introduction to integration. This course is Intended for CEAS majors.

**Prerequisite:** B or higher in MAT 123, or level 5 on the mathematics placement examination.

**Notice:** not for credit in addition to MAT 125 or 126 or 131 or 141.

**Evaluation Methods**

Quiz/homework	50 points
Test 1	100 points
Test 2	100 points
Final	150 points

**Notice:** to get a passing grade for the course your final exam score should be at least 105 (70%).

**HOMEWORK**

In order to learn the material you must practice by doing the homework. Therefore, homework will be assigned in each class. Time will be allotted in

each class to go over homework. Quiz and tests will be similar to your homework. **No late homework will be accepted.**

**Test and Quiz Dates (Tentative):**

Quiz might be given without announcement

Test 1 will be in April.

Test 2 will be in May

Final: Monday June 18, 12:30-3:00pm

**Group Work:** I strongly encourage students to form a study group to do their homework, get prepared for quiz, and get prepared for tests.

**Grades**

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

**Cell phones, IPODs and other electronic devices use are not allowed**

Please set your cell phones and pagers to silent mode, and turn off all your electronic devices during the class time. If you are expecting an emergency call, please notify the professor in advance, sit near the door, and answer the phone outside. You will not be allowed to wear an IPOD or other electronic devices during an exam.

**Photography and recording is prohibited during the class.**

**Policies and Expectations**

Please refer to the following link in terms of Policies and Expectations of the students. <http://admissions.sunykorea.ac.kr/academics/29>

**Academic Integrity**

Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty are required to report any suspected instances of academic dishonesty to the Academic Judiciary. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the academic judiciary

website at <http://www.stonybrook.edu/uaa/academicjudiciary/>

### **Americans With Disabilities Act**

If you have a physical, psychological, medical or learning disability that may impact your course work, please contact Academic Affairs. They will determine with you what accommodations, if any, are necessary and appropriate. All information and documentation is confidential.

### **Critical Incident Management**

Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of Judicial Affairs any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, or inhibits students' ability to learn.

### **Course Evaluations**

Stony Brook University values student feedback in maintaining the high quality education it provides and is committed to the course evaluation process, which includes a mid-semester assessment as well as an end-of-the-semester assessment, giving students a chance to provide information and feedback to an instructor which allows for development and improvement of courses. Please click the the following link to access the course evaluation system:

<http://stonybrook.campuslabs.com/courseeval/>

### **Attendance Policy of SUNY Korea**

- (1) All students of SUNY Korea are required to attend every class.
- (2) Unexcused absences will affect seriously the student's final grade in the course.
- (3) If a student has over 20% unexcused absence, the student's final course grade will be an 'F'.

Example)

- i) If the class is a 150 minute class, and is held once a week, the 4<sup>th</sup> unexcused absence of a student will lead to an F grade of the course.
  - ii) If the class is a 75 minute class, and is held twice a week, the 7<sup>th</sup> unexcused absence of a student will lead to an F grade of the course.
  - iii) If the class is a 50 minute class, and is held three times a week, the 10<sup>th</sup> unexcused absence of a student will lead to an F grade of the course.
  - iv) In Intensive English Course (IEC), if a student misses the class more than 40 hours in a semester, the student will receive an F grade on the course.
- (4) Students should report the reason of absence to the instructor in advance, or immediately after the absence.
  - (5) When a student excuses his/her absence, the student must provide documentation of the reason for the absence to the instructor.
  - (6) The instructor of the course reserves the right to excuse absences.
  - (7) The course instructor may excuse the absence if the submitted documentation fulfills the conditions below.
    - i) Extreme emergencies (e.g. death in the family)
    - ii) Severe medical reasons with doctor's note (Not a slight illness)

- iii) Very important events (e.g. national conference, official school event)
- (8) At the end of semester, the course instructor should submit a copy of the attendance sheet to the Academic Affairs Office.

I have shared the link. FYI, retake policy is now changed ([http://sb.cc.stonybrook.edu/bulletin/current/policiesandregulations/records\\_registration/multiple\\_registrations.php](http://sb.cc.stonybrook.edu/bulletin/current/policiesandregulations/records_registration/multiple_registrations.php)).