



# UNIVERSITY OF CALGARY

## DEPARTMENT OF MATHEMATICS AND STATISTICS COURSE OUTLINE - WINTER 2015

1. **Course:** AMAT 491, Numerical Analysis I

Lecture	Day/ Time / Location	Instructor	Office / Phone /	Email	Office Hours
L01	TR / 3:30-4:45 / MS365	M. Aiffa	MS432 / 220-6313 /	<a href="mailto:aiffam@ucalgary.ca">aiffam@ucalgary.ca</a>	TR 2:00-3:00

The course's website is hosted by the [Desire2Learn](#) system under the name **AMAT 493 L01 - (Winter 2014) - Numerical Analysis II**

*Department of Mathematics and Statistics*

Main Office: MS 476

Phone: 403-220-5210

2. **Prerequisites:** AMAT 311, AMAT 413, and AMAT 491 or CPSC 491. It is the student's responsibility to ensure that he/she has the above prerequisites.

3. **Grading:** The University policy on grading and related matters is described sections [F.1](#) and [F.2](#) of the online University Calendar. In determining the overall grade in the course the following weights will be used:

Assignments (04)	30%	
Midterm Examination (01)	25%	(February 26 <sup>th</sup> , in class)
Final Examination	45%	(To be scheduled by the Registrar)

The various components above will be assigned a percentage score and will be combined with the indicated weights to produce an overall percentage in the course. The conversion of the percentage grade to a letter grade is done according to the table below. A grade of 30% or higher in the final examination is essential for an overall grade of **C**, or better. If the student's score in the final exam is less than 25%, a **D** grade or lower will result.

% Grade	95-100	90-94	85-89	80-84	75-79	70-74	65-69	60-64	56-59	50-55	0-49
Letter Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F

4. **Missed Components of Term Work:** The regulations of the Faculty of Science pertaining to this matter are found in the Faculty of Science area of the Calendar in [Section 3.6](#). It is the student's responsibility to familiarize himself/herself with these regulations. See also [Section E.6](#) of the University Calendar

5. **Course Materials:** *Numerical Analysis, Mathematics of Scientific Computing*, 3<sup>rd</sup> edition, by D. Kincaid and W. Cheney, American Mathematical Society (AMS) – sold in the University Bookstore.

6. **Examination Policy:** Midterm and Final exams are open book, and calculators are permitted. Students should also read the Calendar, [Section G](#), on Examinations.

7. **OTHER IMPORTANT INFORMATION FOR STUDENTS:**

(a) **Academic Misconduct:** (cheating, plagiarism, or any other form) is a very serious offence that will be dealt with rigorously in all cases. A single offence may lead to disciplinary probation or suspension or expulsion. The Faculty of Science follows a zero tolerance policy regarding dishonesty. Please read the sections of the University Calendar under [Section K](#). Student Misconduct to inform yourself of definitions, processes and penalties

(b) **Assembly Points:** In case of emergency during class time, be sure to FAMILIARIZE YOURSELF with the information on [assembly points](#).

(c) **Academic Accommodation Policy:** Students with documentable disabilities are referred to the following links: [Calendar entry on students with disabilities](#) and [Student Accessibility Services](#).

(d) **Safe Walk:** Campus Security will escort individuals day or night (<http://www.ucalgary.ca/security/safewalk/>). Call 220-5333 for assistance. Use any campus phone, emergency phone or the yellow phones located at most parking lot pay booths.

- (e) **Freedom of Information and Privacy:** This course is conducted in accordance with the Freedom of Information and Protection of Privacy Act (FOIPP). As one consequence, students should identify themselves on all written work by placing their name on the front page and their ID number on each subsequent page. For more information see also
- (f) <http://www.ucalgary.ca/secretariat/privacy>.
- (g) **Student Union Information:** VP Academic Phone: 220-3911 Email: [suvpaca@ucalgary.ca](mailto:suvpaca@ucalgary.ca).  
SU Faculty Rep. Phone: 220-3913 Email: [sciencerep@su.ucalgary.ca](mailto:sciencerep@su.ucalgary.ca); [Student Ombudsman](#)
- (h) **Internet and Electronic Device Information:** You can assume that in all classes that you attend, your cell phone should be turned off unless instructed otherwise. Also, communication with other individuals, via laptop computers, Blackberries or other devices connectable to the Internet is not allowed in class time unless specifically permitted by the instructor. If you violate this policy you may be asked to leave the classroom. Repeated abuse may result in a charge of misconduct.
- (i) At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRI) survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses ([www.ucalgary.ca/usri](http://www.ucalgary.ca/usri)). Your responses make a difference - please participate in USRI Surveys.