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

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Day / Time / Location</th>
<th>Instructor</th>
<th>Office / Phone / Email</th>
<th>Office Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>L01</td>
<td>TR / 3:30-4:45 / MS427</td>
<td>M. Aiffa</td>
<td>MS432 / 220-6313 / <a href="mailto:aiffam@ucalgary.ca">aiffam@ucalgary.ca</a></td>
<td>TR 2:00-3:00</td>
</tr>
</tbody>
</table>

   The course’s website is hosted by the Desire2Learn system under the name AMAT491 L01 - (Fall 2015) - Numerical Analysis I

2. **Prerequisites:** MATH 311 or 313, and MATH 349 or 381, and MATH 353 or AMAT 309, and CPSC 231 or 217 or consent of the Department. 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) 28%
   - Midterm Examination 27% (October 29th, 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.

<table>
<thead>
<tr>
<th>% Grade</th>
<th>95-100</th>
<th>90-94</th>
<th>85-89</th>
<th>80-84</th>
<th>75-79</th>
<th>70-74</th>
<th>65-69</th>
<th>60-64</th>
<th>56-59</th>
<th>50-55</th>
<th>0-49</th>
</tr>
</thead>
<tbody>
<tr>
<td>Letter Grade</td>
<td>A+</td>
<td>A</td>
<td>A-</td>
<td>B+</td>
<td>B</td>
<td>B-</td>
<td>C+</td>
<td>C</td>
<td>C-</td>
<td>D</td>
<td>F</td>
</tr>
</tbody>
</table>

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:**
   - An Introduction to Numerical Methods and Analysis, 2nd edition, by JF Epperson, Wiley (optional) – sold in the University Bookstore.
   - An Introduction to Numerical Analysis, by E Suli & D Mayers, Cambridge (optional)
   - Numerical Analysis, 9th or 10th edition, by RL Burden & JD Faires, Brooks/Cole (optional)

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 Academic Accommodation Policy:** Students with documentable disabilities are referred to the following links: Calendar entry on students with disabilities and Student Accessibility Services. MSC452 Phone: 220-8237 Students needing an Accommodation in relation to their coursework or to fulfil
requirements for a graduate degree, based on a Protected Ground other than Disability, should communicate this
need, preferably in writing, to the Associate Head of Mathematics and Statistics, Jim Stallard by email
jbstall@ucalgary.ca or phone 403-220-5203

(d) **Safewalk:** 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 www.ucalgary.ca/secretariat/privacy

(f) **Student Union Information:** VP Academic Phone: 220-3911 Email: suvpaca@ucagary.ca.
SU Faculty Rep. Phone: 220-3913 Email: sciencerep@su.ucalgary.ca; Student Ombudsman

(g) **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.

(h) **Feedback:** 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). Your responses make a difference - please participate in
USRI Surveys.