Instructor: Quang Bach
Office: AP&M 6446
Office hours: MW 5:30 – 6:30 pm and Th 3:00 – 5:00 pm
E-mail: qtbach@ucsd.edu

Lecture Times:
  Section A: MWF 11:00 – 11:50 am in Warren Lecture Hall (WLH) 2204
  Section B: MWF 3:00 – 3:50 pm in Warren Lecture Hall (WLH) 2204

Discussion Times:
  Section A: Th 5:00 – 5:50 pm in WLH 2113
  Section B: Th 6:00 – 6:50 pm in WLH 2113

Course: Math 2 is a highly adaptive course designed to build on students’ particular areas of strength while increasing their overall mathematical understanding and skill development. Math 2 students will receive blended instruction to include whole class discussion, collaborative tasks, small group focused instruction, and on-line learning. This multi-modality course will focus on four to six topics of study designed to develop conceptual understanding and mathematical relevance of:

1. Linear relationships
2. Exponents and polynomials
3. Rational expressions and equations
4. Models of quadratic and polynomial functions and radical equations
5. Exponential and logarithmic functions to include geometric sequences
6. Geometry and trigonometry

Students develop, practice, and demonstrate basic procedural and computational skills on ALEKS, a competency-based online learning and assessment program. The course includes application problems involving these topics. This course prepares students for successful completion of Math 3C Precalculus at UC San Diego.

Textbook: There is no required textbook for this course. We shall use the built-in textbook from the ALEKS website.

Homework Assignments: First and foremost, late homework will not be accepted. Weekly homework assignments are available on-line at https://www.aleks.com/. All together, the homework assignments will make up 20% of your total score.
Exams: There will be two in-class midterms and one in-class final. No calculators will be allowed for any of the exam. Bring your Bluebook!

- The first midterm will be held on Friday, October 21
- The second midterm will be held on Friday, November 18
- The final exam will be held on Tuesday, December 6 at 11:30am for Section A and on Friday, December 9 at 3:00pm for Section B - covers all topics. There will be no make up exam! It is your responsibility to ensure that you do not have a schedule conflict involving the final exam.

Grade Policy: Your grade will be based on the scores of the homework assignments, two midterms, and the final exam. It will be the maximum of the following two scores

\[
\text{Score 1} = (20\% \text{ HW}) + (20\% \text{ 1st Mid}) + (20\% \text{ 2nd Mid}) + (40\% \text{ Final}) \\
\text{Score 2} = (20\% \text{ HW}) + (20\% \text{ Best Mid}) + (60\% \text{ Final})
\]

You must pass the final exam in order to pass the course. Since there is no makeup exam, if you miss the midterm exam for any reason then your course grade will be computed using the second method.

The letter grade you receive at the end of the course will be based on the following scale:

<table>
<thead>
<tr>
<th>A+</th>
<th>A</th>
<th>A-</th>
<th>B+</th>
<th>B</th>
<th>B-</th>
<th>C+</th>
<th>C</th>
<th>C-</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>97</td>
<td>93</td>
<td>90</td>
<td>87</td>
<td>83</td>
<td>80</td>
<td>77</td>
<td>73</td>
<td>70</td>
<td>60</td>
</tr>
</tbody>
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To be more lenient, the final scores may be adjusted to determine the letter grades. The letter grade corresponding to a given percentage will never be lower than specified by the above scale. There will be no curve.

Regrades & Grade Recording Errors: If you find a grading or point totaling error on any graded material, you must return it immediately to your instructor or TA. Regrade requests will not be considered once the graded material leaves the room. If you do not retrieve your graded materials on the day they are returned, you must arrange to pick them up from your TA within one week after they were returned in order for any regrade request to be considered.

Keep all of your graded materials and check TritonED to make sure that the grades on your papers are the same as the grades recorded on TritonED. If there is any mistake in the recording of your scores, you must bring us the original graded materials in order for us to make a change.

Academic Honesty and Attendance Policy: As a student of UC San Diego, you have agreed to abide by the university’s academic honesty policy. Violation of such policy may result in failing the class, suspension, and even expulsion from the university. Students are expected to attend classes regularly. Cell-phone and all electronic devices must be turned off during lecture time, unless being used for taking note. A student who is absent for an excessive amount of times may be dropped from the class.