# SYLLABUS

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| **Instructor:** | Dr. Kejian Shi |
| **Office:** | S-16A |
| **Office Phone:** | (408) 864-8481 |
| **Office Hour:** | MTWRF 7:30 am-8:20am or by appointment |

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| **Prerequisites:** | Math 114 (with a grade of C or better), or equivalent |
| **Textbook:** | *APPLIED FINITE MATHEMATICS*, 2$^{nd}$ Ed, by Sekhon and Bloom |
| **Materials:** | Graphing calculator recommended |

**Attendance:** Students are expected to attend all classes on time. Students who are absent more than **3 times** may be dropped from the class. However, **it is the students' responsibility to drop by the appropriate deadline. Petitions to drop after the dead line will not be considered by the instructor.**

**Homework:** Homework (hw) will be assigned **every day in class** and will be collected three times, each on **the examination days** (20 points for each collection). No late hws will be accepted. Hw is the key to success in this class. Plan to devote a minimum of **TWO hours** to hw for each class hour.

**Quizzes:** **Three Quizzes** (33, 33, and 34 points) will be given in class. No makeup quizzes. Quiz problems are similar to homework problems and lecture examples.

**Midterms:** **Two one-class-hour midterm examinations** (100 points each) will be given in class. No makeup except for extenuating circumstances assuming the student notifies the instructor as soon as the emergency arises.

**Final Exam:** **One two-hour comprehensive examination** will be given from **11:30am–1:30pm** on **Monday, June 26, 2017**. Any student missing the final will receive an F grade for the course.

**Grading:**

| Distribution | | | Grade | Points | Percentage |
|---|---|---|---|---|---|
| Homework | 60 | | A+ | 530-560 | 95%-100% |
| | | | A | 502-529 | 90%-94% |
| | | | A- | 490-501 | 88%-89% |
| Quizzes | 100 | | B+ | 474-489 | 85%-87% |
| | | | B | 446-473 | 80%-84% |
| | | | B- | 429-445 | 77%-79% |
| Midterms | 200 | | C+ | 401-428 | 72%-76% |
| | | | C | 362-400 | 65%-71% |
| | | | D+ | 339-361 | 61%-64% |
| Final Exam | 200 | | D | 321-338 | 57%-60% |
| | -------- | | D- | 306-320 | 55%-59% |
| Total | 560 | | F | 0-305 | 0%-54% |

**Integrity:** Any type of cheating is not tolerated. Corresponding school rules will be followed.

**SLO:** **Student Learning Outcome Statements:** Identify, evaluate, and utilize appropriate linear and probability optimization models and communicate results. Compare, evaluate, judge, make informed decisions, and communicate results about various financial opportunities by applying the mathematical concepts and principles of the time value of money.

# MATH 11-9 SCHEDULE, Spring 2017
## Dr. Kejian Shi

| | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | SUNDAY | Wk |
|---|---|---|---|---|---|---|---|---|
| APL | 10 <br> **1.1, 1.2, 1.3** | 11 <br> **1.4, 1.5** | 12 <br> **2.1** | 13 <br> **2.2** | 14 <br> **2.3** | 15 | 16 | 1 |
| APL | 17 <br> **2.4** | 18 <br> **2.5** | 19 <br> **2.6** | 20 <br> **3.1** | 21 <br> **Review** <br> **Quiz #1** | 22 <br> Last day to add | 23 <br> Last day to drop <br> with no record | 2 |
| APL | 24 <br> **Solution** <br> **3.1, 3.2** | 25 <br> **3.2** | 26 <br> **4.1, 4.2** | 27 <br> **4.2** | 28 <br> **4.3** | 29 | 30 | 3 |
| MAY | 1 <br> **5.1--5.5** | 2 <br> **6.1** | 3 <br> **6.2** | 4 <br> **Review** | 5 <br> Request P/NP <br> **Exam #1** | 6 | 7 | 4 |
| MAY | 8 <br> **Solution** | 9 <br> **6.3** | 10 <br> **6.4** | 11 <br> **6.5** | 12 <br> **6.6** | 13 | 14 | 5 |
| MAY | 15 <br> **7.1** | 16 <br> **7.2** | 17 <br> **7.3** | 18 <br> **7.4** | 19 <br> **Review** <br> **Quiz #2** | 20 | 21 | 6 |
| MAY | 22 <br> **Solution** <br> **7.5** | 23 <br> **7.6** | 24 <br> **7.7** | 25 <br> **8.1** | 26 <br> **8.2** | 27 | 28 | 7 |
| MAY / JUN | 29 <br> Memorial Day <br> **HOLIDAY** | 30 <br> **8.3** | 31 <br> **8.4** | 1 <br> **Review** | 2 <br> Drop with "W" <br> **Exam #2** | 3 | 4 | 8 |
| JUN | 5 <br> **Solution** | 6 <br> **8.5** | 7 <br> **9.1** | 8 <br> **9.2** | 9 <br> **9.3** | 10 | 11 | 9 |
| JUN | 12 <br> **9.4** | 13 <br> **10.1** | 14 <br> **10.2** | 15 <br> **10.3** | 16 <br> **Review** <br> **Quiz #3** | 17 | 18 | 10 |
| JUN | 19 <br> **Solution** <br> **10.4** | 20 <br> **11.1** | 21 <br> **11.2** | 22 <br> **11.3** | 23 <br> **Review** | 24 | 25 | 11 |
| JUN / JUL | 26 <br> **Final Exam** <br> **11:30AM-1:30** | 27 | 28 | 29 | 30 | 1 | 2 | 12 |
| JUL | 3 <br> SUMMER <br> BEGINS | 4 | 5 | 6 | 7 | 8 | 9 | 1 |