1. General Information

   **Instructor:** H. K. Dai
   **Teaching Assistant:** [refer to class Webpage]

   **Office Location:** Mathematics, Statistics, and Computer Science Building
   **Room 209**

   **Office Hours:** Monday/Wednesday Noon – 1:00 via email
   (or via email)

   **Office Phone:** 744-7207

   **email Address:** dai@cs.okstate.edu

   **Universal Resource Locator:** http://www.cs.okstate.edu/~dai/

2. Course Description in Current University Catalog


3. Course Goals

   The goal of CS 3613 is to give students an ability to develop and rigorously reason about abstract formal models of computations, and to learn the powers and limitations of such formalism. “Classical” models, such as finite automata / regular expressions, pushdown automata / context-free grammars, and Turing machines will be studied in depth.

4. Course Materials and References


   3. **Lecture notes (sketchy):** from course instructor.

   4. **Class pages** (http://www.cs.okstate.edu/~dai/course/CS3613/2020spring/2020spring.html), and also on Canvas course Website.

5. Homework and Examinations

   There will be about 4-5 homework assignments and one final examination (date/format will be announced).

6. Course Grade

   The course grade is based on the homework (50%) and final examination (50%; date/format will be announced). The passing letter-grade is determined by the following partition of the course grades:

   D : [50, 60); C : [60, 70); B : [70, 85); and A : [85, 100]

7. Miscellaneous

   1. **Lectures:** Lectures are not mandatory, but historically, students with active attendance have done significantly better on examinations than their less frequently attending classmates.

   2. **Lecture Notes:** Beginning from March 23, 2020, lectures notes will be released on this class Web site and on Canvas - course Website.

   3. **Homework:** Problem sets form an important part of the learning in the course, and thus, you are required to do them in order to pass.
4. Collaboration: You are encouraged to collaborate in study groups on the solution of the homework. If you do collaborate you must write up solutions on your own independently and acknowledge your collaboration in the write-up for each problem. If you obtain a solution with help (e.g., through library work, another student, etc.), acknowledge your source, and write up the solution on your own.

Notes: Read relevant documents/guidelines about academic integrity at Oklahoma State University in Academic Integrity Resources at the following URL:
https://academicintegrity.okstate.edu/

8. Student Disability Services
Student Disability Services and other Student Services are committed to providing support services to students with physical and learning disabilities. Please advise the instructor of desired academic accommodations, and notify Student Disability Services.

9. Academic Dishonesty or Misconduct
Refer to the section in “University Academic Regulations” in current “University Catalog” (http://registrar.okstate.edu/)

10. Adding/Dropping/Withdrawing, Important Dates, and Syllabus Attachment

1. Final Examination: The date/format of our final examination will be announced later.

2. Adding/Dropping/Withdrawing and Important Dates: Refer to the section in “Current Syllabus Attachment”:
   http://registrar.okstate.edu/

3. Syllabus Attachment: Refer to:
   http://academicaffairs.okstate.edu/content/resources-students