

Formal Languages
CSE 4083/5210
Spring 2020

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Prerequisite: CSE 2010 or the equivalent (and transitively discrete math)

Office Hours: Please contact Karen Brown (kbrown@fit.edu) for an appointment

Text: (recommended)

Introduction to Automata Theory, Languages, and Computation, by Hopcroft, Motwani, and Ullman (ISBN 0-201-44124-1).

Grading Policy:

Homework - 10%, exam #1 - 15%, exam #2 - 25%, exam #3 - 25%, final - 25%. Depending on how the semester progresses this may change. I recommend that you keep your exams after they have been graded and returned. Please note that your grade will be determined *only* by your performance on the above items. In particular, details regarding your GPA, enrollment, employment, or other matters unrelated to the course will **not** be factored into your grade. Also note that the final exam will *only* be given on the published date. Students are expected to plan accordingly. Lastly, there is no extra credit in this course.

Homework:

Homework will be assigned on an approximately weekly basis. Your score on these will be used in the final calculation of your grade, as described above. Note that answer keys for the homework assignments will be given, but only for a select subset of the homework problems. Once the answer key for a homework assignment has been published, late submissions will not be accepted.

Attendance:

If you choose not to attend a lecture that is your decision. However, you are still responsible for any material or information discussed in that lecture. If, because of illness, you miss a class during which an exam is to be given, then you must notify me or one of the department administrators in advance.

Things You Should Know:

The implicit requirement of this course is that you have a general knowledge of introductory level discrete math. This includes but is not limited to graphs, trees, inductive proofs, relations and functions, etc. Some of this will be reviewed during the first 2 or 3 classes.

Coronavirus Addendum:

Coursework and assignments missed during the week of March 16th through 20th will be made up in the remaining weeks of the course.

Please see the university website for important dates.

Title IX Disclosure:

Title IX of the Educational Amendments Act of 1972 is the federal law prohibiting discrimination based on sex under any education program and/or activity operated by an institution receiving and/or benefiting from federal financial assistance. Behaviors that can be considered "sexual discrimination" include sexual assault, sexual harassment, stalking, relationship abuse (dating violence and domestic violence), sexual misconduct, and gender discrimination. You are encouraged to report these behaviors. **Reporting:** Florida Tech can better support students in trouble if we know about what is happening. Reporting also helps us to identify patterns that might arise – for example, if more than one complainant reports having been assaulted or harassed by the same individual.

Florida Tech is committed to providing a safe and positive learning experience. To report a violation of sexual misconduct or gender discrimination, please contact Security at 321-674-8111. * **Please note that as your professor, I am required to report any incidences to Security or to the Title IX Coordinator (321-674-8700).** Confidential support for students is available by contacting the Student Counseling Center at 321-674-8050.