

# Math 4/6083 Dynamical Systems/Chaos, Spring 2021

## Course Information

Professor	Kitty Yang	Lectures	MWF 11:30am - 12:25
email	<a href="mailto:syang5@memphis.edu">syang5@memphis.edu</a>	Office Hours	T 10:30am - 12:30
Office	Dunn 376		and by appointment

## COVID-19 notice

This is a hybrid class, and **we will be remote for the first two weeks** in accordance with the email from Marketing and Communication on January 6, 2021. We will continue to monitor the situation throughout the semester, and I will work with students and their comfort level.

## Book

*A First Course in Discrete Dynamical Systems, 2nd Ed*, by Richard A. Holmgren; ISBN: 0-387-94780-9

## Homework

Homework will be assigned regularly. While the course is hybrid, assignments will be submitted through eCourseware. All assignments must be typed using  $\text{\LaTeX}$ . This is a skill is necessary if you wish to continue in math, and still useful if you continue in other fields. There are options if you wish to download an editor so you can work offline. You should google "Latex" + your operating system and follow directions. The easiest way to get started, which I recommend, is to set up an account on [overleaf.com](https://www.overleaf.com). Their documents guides are also helpful if you have any questions.

## Grading

Homework	30%
Midterm project	30%
Final project	40%

There will be no in class or online tests, and you must meet intermediate deadlines as part of the rubric for the projects. These will be provided to you as the semester progresses.

## **Student Accommodations**

Students with accessibility issues or learning accommodation issues due to a disability should contact Disability Resources for Students (DRS) to submit an official request for course accommodations. Contact DRS at 901.678.2880 or at [drs.memphis.edu](https://drs.memphis.edu). Their website is [memphis.edu/drs/index.php](https://memphis.edu/drs/index.php).

## **Academic Integrity**

Plagiarism, cheating and other forms of academic dishonesty are prohibited. Students guilty of academic misconduct, either directly or indirectly, through participation or assistance, are immediately responsible to the instructor of the class in addition to other possible disciplinary sanctions which may be imposed through the regular institutional disciplinary procedures. For more details, see [memphis.edu/osa/students/academic-misconduct.php](https://memphis.edu/osa/students/academic-misconduct.php).

## **Student Health**

Students who have a positive COVID-19 test should contact the Dean of Students by emailing [deanofstudents@memphis.edu](mailto:deanofstudents@memphis.edu).

## **Student Resources**

Students who need additional resources can visit the [Dean of Students Office website](#). More information about covid procedures can be found in the [link](#).