

# Spring 2020 - Math 689 Satellite Imagery and Deep Learning

**Lectures:** Mondays 7:20pm-10:00pm, Exploratory Hall 4106

**Instructors:**

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**Exams (40%):** Midterm due on March 16<sup>th</sup> (20%) and final due on May 11<sup>th</sup> (20%).

**Homework (60%):** There will be weekly homework and reading assignments.

**Books (optional):**

- Pattern recognition and machine learning by Christopher Bishop.

- Deep learning by Aaron Courville, Ian Goodfellow, and Yoshua Bengio.

**Academic Integrity:** GMU is an Honor Code university; please see the Office for Academic Integrity for a full description of the code and the honor committee process. The principle of academic integrity is taken very seriously, and violations are treated gravely. What does academic integrity mean in this course? Essentially this: when you are responsible for a task, you will perform that task. When you rely on someone else's work in an aspect of the performance of that task, you will give full credit in the proper, accepted form. Another aspect of academic integrity is the free play of ideas. Vigorous discussion and debate are encouraged in this course, with the firm expectation that all aspects of the class will be conducted with civility and respect for differing ideas, perspectives, and traditions. When in doubt (of any kind) please ask for guidance and clarification.

**Mason email accounts.** Students must use their MasonLIVE email account for any correspondence during this course. For more information see: <http://masonlive.gmu.edu>.

**Office of Disability Services.** If you are a student with a disability and you need academic accommodations, please see me and contact the Office of Disability Services (ODS) at 993-2474, <http://ods.gmu.edu>. All academic accommodations must be arranged through the ODS.

**University policies.** The University Catalog, <http://catalog.gmu.edu>, is the central resource for university policies affecting student, faculty, and staff conduct in university academic affairs. Other policies are available at <http://universitypolicy.gmu.edu>. All members of the university community are responsible for knowing and following established policies.