

MATH-60091
Special Topics: Information Theory
THIS IS AN ONLINE CLASS!!!
ALL INFORMATION IS ON:
www.math.kent.edu/~zvavitch/INTH_2020.html

Section Start Date 06/04/2020
Section End Date 07/08/2020
Last Day to Add 06/05/2020
Last Day to Withdraw 06/07/2020

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TEXTS: Video and pdf for lecture notes as well as homeworks will be posted on the course homepage. In general, the lecture notes should be sufficient for you to learn and the book is not required. I will use *Applied Combinatorics by Alan Tucker* as a very general reference.

Prerequisite: graduate level mathematical maturity including some basic understanding of probability and analysis.

This is 100% online class! There will be no in class meetings. There will be also no office meetings. I will be very happy to meet with you online using zoom/skype/Microsoft Teams. Let me know if you need help to learn how to use any of those. Simply write me an email or msg and I we will set up a time and technology to meet.

GRADING:

5 Homework's 20pts each:	= 100
TOTAL	100 points

HOMEWORK: Homework is assigned each week, please see the webpage for very precise HW schedule. Homework must be scanned and submitted over email directly to me (please, do make sure that your scan is readable before sending it). **Homework assignments will be posted on the course homepage:**
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SCALE:

<u>Total Points</u>	<u>Grade</u>
90 - 100	A
80 - 89	B
70 - 79	C
60 - 69	D
0 - 59	F

STUDENTS WITH DISABILITIES: University policy 3-01.3 requires that students with disabilities be provided reasonable accommodations to ensure their equal access to course content. If you have a documented disability and require accommodations, please contact the instructor at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through Student Accessibility Services (contact 330-672-3391 or visit www.kent.edu/sas for more information on registration procedures).

Statement on enrollment/official registration: The official registration deadline for this course is 06/14/16. University policy requires all students to be officially registered in each class they are attending. Students who are not officially registered for a course by published deadlines should not be attending classes and will not receive credit or a grade for the course. Each student must confirm enrollment by checking his/her class

schedule (using Student Tools in FlashLine) prior to the deadline indicated. Registration errors must be corrected prior to the deadline

Statement on Academic Dishonesty_

Excerpted from the University's Administrative policy and procedures regarding student cheating and plagiarism. Policy #3342-3-07

(A) Policy statement. It is the policy of the university that:

(1) Students enrolled in the university, at all its campuses, are to perform their academic work according to standards set by faculty members, departments, schools and colleges of the university; and

(2) Cheating and plagiarism constitute fraudulent misrepresentation for which no credit can be given and for which appropriate sanctions are warranted and will be applied.

(B) Intent and scope of the policy.

(1) In providing this policy, the university affirms that acts of cheating and plagiarism by students constitute a subversion of the goals of the institution, have no place in the university and are serious offenses to academic goals and objectives, as well as to the rights of fellow students.

(2) It is the intent of this policy to provide appropriate sanctions, to provide fair and realistic procedures for imposing those sanctions, to provide safeguards for any student suspected of cheating or plagiarism, and to coordinate the policy with procedures of the code of student conduct, rule 3342-4-15 of the Administrative Code and of this register.

(3) This policy applies to all students of the university, graduate and undergraduate, full or part-time, whose conduct is of such a nature prohibited by the policy. Other offenses of a nonacademic nature are covered by the code of student conduct, rule 3342-4-15 of the Administrative Code and of this register.

(C) Definitions. As used in this rule:

(1) **"Cheat"** means intentionally to misrepresent the source, nature, or other conditions of academic work so as to accrue undeserved credit, or to cooperate with someone else in such misrepresentation. Such misrepresentations may, but need not necessarily, involve the work of others. As defined, cheating includes, but is not limited to:

(a) Obtaining or retaining partial or whole copies of examination, tests or quizzes before these are distributed for student use;

(b) Using notes, textbooks or other information in examinations, tests and quizzes, except as expressly permitted;

(c) Obtaining confidential information about examinations tests or quizzes other than that released by the instructor;

(d) Securing, giving or exchanging information during examinations;

(e) Presenting data or other material gathered by another person or group as one's own;

(f) Falsifying experimental data or information;

(g) Having another person take one's place for any academic performance without the specific knowledge and permission of the instructor;

(h) Cooperating with another to do one or more of the above; and

(i) Using a substantial portion of a piece of work previously submitted for another course or program to meet the requirements of the present course or program without notifying the instructor to whom the work is presented.

(j) Presenting falsified information in order to postpone or avoid examinations, tests, quizzes, or other academic work.

(2) **"Plagiarize"** means to take and present as one's own a material portion of the ideas or words of another or to present as one's own an idea or work derived from an existing source without full and proper credit to the source of the ideas, words, or works. As defined, plagiarize includes, but is not limited to:

(a) The copying of words, sentences and paragraphs directly from the work of another without proper credit;

(b) The copying of illustrations, figures, photographs, drawings, models, or other visual and nonverbal materials, including recordings, of another without proper credit; and

(c) The presentation of work prepared by another in final or draft form as one's own without citing the source, such as the use of purchased research papers.

