

TOPICS IN PROBABILITY THEORY AND STOCHASTIC PROCESSES – 14457 – MATH
40051 – 001 (16650 – MATH 50051 – 001)
2:15pm-3:30pm Monday & Wednesday, room 115 Mathematical Science Building

www.math.kent.edu/~zvavitch/psp_2019.html

INSTRUCTOR: *Artem Zvavitch*

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OFFICE HOURS: 1:00-2:10 Monday and Wednesday and by appointment (*the best is to e-mail me with proposed time of your visit, which can be during/or not official office hours*).

TEXTS: Home works will be distributed in class, thus in general if you attend ALL lectures the lecture notes should be sufficient for you to learn. I may use “Introduction to Probability Models” by Sheldon M. Ross; “Random walks and electric networks Peter G. Doyle J. Laurie Snell and “Introduction to Stochastic Processes” by Gregory F. Lawler

GRADING:	14 Homework's 20pts each:	= 280
	2 Exams 100pt each	= 200
	<u>Final Exam</u>	= 120
	TOTAL	600 points

HOMEWORK: Homework is assigned each Wednesday and you have a week to solve it (i.e. it is due next Wednesday) expected to be done NEATLY. Homework will be distributed in class and also posted on the course homepage: www.math.kent.edu/~zvavitch/PSP_2019.html

SCALE:	<u>Total Points</u>	<u>Grade</u>
	540 - 600	A
	480 - 540	B
	420 - 480	C
	360 - 420	D
	0 - 360	F

STUDENTS WITH DISABILITIES: University policy 3342-3-18 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 Disability Services (contact 330-672-3391 or visit www.kent.edu/sds for more information on registration procedures).

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.

