

Instructor: Dr. Tom Cuchta (call me Tom)
Time: 2:00-2:50 MWF
Location: HH 303
E-mail: tcuchta@fairmontstate.edu
Office: ET 423
Walk-in office hours: See my website <http://tomcuchta.com>. They may change throughout the semester without notice. Alternate office hours may always be scheduled via e-mail.
Class webpage: <http://tomcuchta.com/teach/classes/2019/MATH-3520-Fall-2019-FairmontState/>
Course Description: This course covers vector spaces abstractly defined, linear dependence and independence, bases and subspaces, dimension of linear space, linear mappings, kernel and image of maps, rank of maps, linear maps as vector spaces, composition of mappings and multiplication of matrices, the relation between linear mappings and systems of linear equations, row reduced echelon matrix, invertible matrices, calculation of inverse, linear inequalities and half spaces.
Calculator policy: Calculators will not be permitted on exams.
Attendance policy: Every class meeting should be attended by the student in its entirety, but attendance itself will not be recorded for a grade. If a class is missed, it is the *student's responsibility* to find out what was missed and to pick up any returned work.
Homework: There will be numerous assignments that are regularly assigned. Random problems from each assignment will be graded on a scale of 10 points.
Submitting homework: Homework may be submitted in class or via email.
Late homework: Homework is due *before it has been graded* – homework submitted after this will be considered late. If homework is late, then the highest possible score you may receive on it will degrade according to the following table:

How late	Highest possible score
< 1 day late	8 points
[1, 2) days late	7 points
[2, 3) days late	6 points
≥ 3 days late	5 points

Quizzes: Quizzes will routinely be assigned, possibly not in-class.
Exams: There will be three one hour exams in this course each worth 100 points.
Final exam: The final exam will be comprehensive and will be worth 200 points.
Make-up exam policy: If an exam is to be missed due to an excused absence (defined in the student handbook), then it is the *student's responsibility* to arrange an alternative time to take the exam at least one week before the exam is given. If the student misses an exam due to an unexcused absence, the exam may be replaced with the percentage earned on the final exam. The unexcused absence policy applies *only once*.
Extra credit policy: Extra credit opportunities may be available throughout the course and will be announced through the usual channels.
Student handbook: <http://www.fairmontstate.edu/publications/campushandbooks/studenthandbook/default.asp>
Disability support services: Disability services are available to any student, full or part-time, who has a need because of a documented disability. It is the *student's responsibility* to register for disability services and to provide any necessary documentation to verify a disability or the need for accommodations. Students must provide their professors with a copy of their academic accommodation letter each semester in order to receive accommodations. Faculty, students, and the Office of Disability Services must cooperate to ensure the most effective provision of accommodations for each class.

The Office of Disability Services is located in suite 316 of the Turley Student Services Center. For additional information, please call (304) 333-3661 (TTY: (304) 367-4906).

		Grade	Point Range
Grading policy:	Homework		
	Quizzes	A	$585 \leq \text{Points Earned} \leq 650$
	Hour exams	B	$520 \leq \text{Points Earned} < 585$
	Final exam	C	$455 \leq \text{Points Earned} < 520$
	Total points:	D	$390 \leq \text{Points Earned} < 455$
		F	$0 \leq \text{Points Earned} < 455$

Math 3520-001 Calendar Fall 2019

Week	Sections
19 Aug – 23 Aug	
26 Aug – 30 Aug	
2 Sep – 6 Sep	2 September: <i>NO CLASS</i> (Labor Day)
9 Sep – 13 Sep	
16 Sep – 20 Sep	16 September: <i>Review Day</i> 18 September <i>EXAM 1</i> 20 September <i>NO CLASS</i> (Dr. Cuchta conference)
23 Sep – 27 Sep	
30 Sep – 4 Oct	
7 Oct – 11 Oct	11 October: <i>NO CLASS</i> (Fall Break)
14 Oct – 18 Oct	16 October: <i>Review Day</i> 18 October <i>EXAM 2</i>
21 Oct – 25 Oct	
28 Oct – 1 Nov	
4 Nov – 8 Nov	
11 Nov – 15 Nov	
18 Nov – 22 Nov	20 November: <i>Review Day</i> 22 November: <i>EXAM 3</i>
25 Nov – 29 Nov	<i>THANKSGIVING BREAK</i>
2 Dec – 6 Dec	6 December: <i>LAST DAY OF CLASSES BEFORE FINALS</i>
9 Dec – 13 Dec	<i>FINAL EXAM WEEK</i> FINAL EXAM: 9 December 2019 1:15PM-3:15PM