

- Instructor:** Dr. Tom Cuchta (call me Tom)  
**E-mail:** tcuchta@fairmontstate.edu  
**Online office hours:** By appointment via email  
**Class webpage:** <http://tomcuchta.com/teach/classes/2020/MATH4590-Spring2020-FairmontState/>  
**Textbook:** We will use “Analysis” by W. Ted Mahavier and W.S. Mahavier which can be found at <http://www.jiblm.org/downloads/jiblmjournal/V090212S/V090212S.pdf>  
**Course Description:** Covers real numbers, topology of the reals, infinite series, continuous functions, sequences and series of functions, differentiation, integration and power series.  
**Presentations:** Presentations will be uploaded to Blackboard and accessible to the other students. I will decide who does what presentations early so that those who would like to “work ahead” have that luxury. Each presentation is worth 10 points. These 10 points will be based on timely submission of the presentation and general correctness.  
**Evaluating presentations:** Starting week of 30 March, you will be assigned four presentations per week to evaluate. An evaluation consists of a written explanation of whether you think the proof is correct or not and any errors you notice, what you think was explained well, what you think could have been explained better (how and why), and finally, an integer score on between 1 and 5, where 1 is worst and 5 is best. ***These evaluations must be submitted within one week of the due date of a presentation (if a video is uploaded late, then you have 1 week from when it is uploaded), or you will be penalized.*** Evaluations will be judged by the instructor for based on its completeness, its fairness, whether you failed to catch a major error, and possibly other things. Each evaluation is worth 10 points.  
**Peer evaluations:** The score from 1-5 given by the evaluations will contribute to a “peer evaluation score” of each presentation. This will be a score out of 10 based on the average of the evaluation scores by each person evaluating the presentation obtained within one week of the due date (or submission date, if it is late) of the presentation. Evaluations submitted late will not contribute to your peer evaluation grade.  
**Makeup presentations:** After evaluations have been obtained, you will be given the feedback on your presentation, filtered by the instructor. You will have an opportunity to redo the presentation to address that criticism.  
**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).

<b>Grading policy:</b>	Finish pre-virus presentations, writes, and checks & checks	5%
	Post-virus presentations	55%
	Evaluations of others’ presentations	25%
	Peer evaluation scores	15%

The points earned from these categories will be weighted according to the chart above and your final grade in the course will be based on the usual scale. Since each grade obtained is out of 10 points, the “decay” of score will follow this 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

# Math 4590-001 Calendar Spring 2020

<b>Week</b>	<b>Sections</b>
13 Jan – 17 Jan	
20 Jan – 24 Jan	20 January: <b><i>NO CLASS</i></b> (MLK Day)
27 Jan – 31 Jan	
3 Feb – 7 Feb	
10 Feb – 14 Feb	
17 Feb – 21 Feb	
24 Feb – 28 Feb	
2 Mar – 6 Mar	6 March: <b><i>MIDTERM</i></b>
9 Mar – 13 Mar	<b><i>NO CLASSES — SPRING BREAK</i></b>
16 Mar – 20 Mar	<b><i>NO CLASSES — EXTENDED SPRING BREAK</i></b>
23 Mar – 27 Mar	
30 Mar – 3 Apr	
6 Apr – 10 Apr	
13 Apr – 17 Apr	
20 Apr – 24 Apr	
27 Apr – 1 May	1 May: <b><i>LAST DAY OF CLASSES</i></b>
4 May – 8 May	<b><i>FINAL EXAM WEEK</i></b>