

Syllabus, Math 161 – Calegari

1. **Course Webpage:** <https://classnotes.galoisrepresentations.org/> (not a typo).
2. **Textbook:** Calculus, Michael Spivak, ISBN 978-0-914098-91-1.
3. **Course Material:** Approximately (maybe very approximately) the first 12 sections of Spivak. I will wander off script from the very first lecture. But the material in Spivak will ultimately form the backbone of the course and I highly recommend reading it; it's a great textbook.
4. **Office Hours:** Thursdays 9:00–11:00.
5. **Homework:** Due weekly on Fridays, posted by the end of Friday here:

<https://classnotes.galoisrepresentations.org/problem-sets/>

Your lowest HW grade will be dropped. You can request (ONCE only) a HW extension for the weekend until the following Monday. No reason is required, but you must email the TA (not me, any such emails will receive a grumpy pointer to this syllabus).

6. **Midterms:** Friday, October 10, Early November (TBD) in class (50 minutes).
7. **Accommodations:** If you need any accommodations (extra time on midterms, etc.) please send me the corresponding information as soon as possible!
8. **Formula for final grade:** The homework will be worth 1/6 of the final grade, the midterms 1/6 for the first and 1/4 for the second, and the final 5/12. *However*, you can make up part (half) of the points you loose on the midterm on the final exam. If $H \in [0, 100]$, $M_i \in [0, 100]$, and $F \in [0, 200]$ are your grades on the homework, midterms, and final respectively, your final raw score out of 100 is

$$\frac{1}{24} \left(4H + 4M_1 + 6M_2 + 5F \cdot \left(1 + \frac{500 - 2M_1 - 3M_2}{1000} \right) \right).$$

9. **What final numerical grade corresponds to what letter grade?** It depends on what the distribution of grades turns out to be.
10. **Is class participation/attendance necessary?** There are no formal requirements, and you do not need to let me know if you can't make it. (That is, unless you have some conflict with the midterm dates.) However, I certainly strongly recommend coming to class and office hours!