Syllabus - Fall 2016.

1. MATH 161 - Precalculus 1. Section 011 (CRN 41787)

- Meeting time: **Tuesday–Thursday 9:40 − 11:10**
- Room: Bonnell Building **BR-08**
- Instructor: **Schremmer**
- Office: M3-17
- Office hours: TR 11:15 - 12:45 (By appointment)
- Telephone: 215 751-8910
- Email: aschremmerCCP@gmx.com . (Please absolutely do **NOT** use my CCP email address **NOR** CANVAS.)

2. Catalog description. Functions and relations and their graphs, transformations and symmetries; composition of functions; one-to-one functions and their inverses; polynomial functions; complex numbers; rational functions; conic sections. Prerequisite: FBMT 118 or MATH 118 with a grade of C or better.

3. Student learning outcomes for the course. Upon successful completion of this course, students will be able to: i. Determine basic properties of functions ii. Perform operations on functions iii. Graph polynomial and rational functions. iv. Perform operations on complex numbers v. Find real and complex roots of quadratic functions. vi. Graph transformations of functions vii. Graph and determine properties of conic sections

4. Required materials. See `http://www.freemathtexts.org/CCP/161/materials.php` for free downloads.

5. Grading Policy. As stated in `http://www.freemathtexts.org/CCP/161/161Support/161UserManual.pdf`:

    a. You will be able to MAKEUP *any and all* of the three in-class EXAMS at the end of the semester with the understanding that the scores on the MAKEUPS will automatically *replace* the scores on the in-class EXAMS and this *for the better or for the worse.* .

    b. Your final grade will then be computed on the sole basis of the scores you will have gotten on each one of the three parts of the course, either the score of the original EXAM or, if you took it, the score of the MAKEUP. Each score is out of 100 points for a total of 300 points.

Final Total Score within	Final Average within	Final Grade
$[0, 180)$	$[0, 60)$	F
$[180, 210)$	$[60, 70)$	D
$[210, 240)$	$[70, 80)$	C
$[240, 270)$	$[80, 90)$	B
$[270.300]$	$[90, 100]$	A

    c. Schedule of topics and exams. See `http://www.freemathtexts.org/CCP/161/161Support/161HW-ReviewExamCalendar.pdf` .

6. Attendance, lateness and missed exam policies.
- For the missed *class-time* policy, see paragraph **6.** on page 4 of the `http://www.freemathtexts.org/CCP/161/161Support/161UserManual.pdf`.
- For the missed *exam* policy, see above Section 5 - Grading Policy.

7. Classroom management and student behavior policies.
- Classroom management: See `http://www.freemathtexts.org/CCP/161/161Support/161UserManual.pdf`
- Student behavior: Civilized behavior is expected. Calculators not to be used.

8. Students must be familiar with and adhere to the College's Academic Honesty Policy.

9. Students who believe they may need an accommodation based on the impact of a disability should contact the instructor privately to discuss their accommodation form and specific needs as soon as possible, but preferably within the first week of class. If you need to request reasonable accommodations, but do not have an accommodation form, please contact the Center on Disability, room BG-39, phone number 215-751-8050.