

*Syllabus for Math 43, Skills for Quantitative Literacy, and Math 103I,  
Mathematics as a Liberal Art*

INSTRUCTOR: Jeff Haag, [haag@humboldt.edu](mailto:haag@humboldt.edu)  
OFFICE: BSS 328, phone 5345  
OFFICE HOURS: M - F 3:00 – 3:50 and by appointment. M, W in BSS 308, Tu, Th, F in BSS 328

REMARKS: I enjoy helping students in my office provided they are well prepared. For a fulfilling office visit please bring all relevant work that indicates what you've attempted and where your difficulty lies. A list of questions is also helpful.

COURSE DESCRIPTION: This course satisfies Mathematics Remediation *and* Lower Division Area B General Education. We will study mathematics as a liberal art, that is, a subject essential for any free citizen. We will apply mathematics to many areas including sociology, art, and basic biology.

OUTCOMES: Upon completion of the course students will use skills beyond the level of intermediate algebra to solve problems through quantitative reasoning.

TEXT: *Excursions in Modern Mathematics, 7<sup>th</sup> ed.*, by Peter Tannenbaum. We will do parts 1 and 3. The text is required and you should bring it to class every day.

GRADED WORK: Attendance and class participation, homework, quizzes, gateway exam, intermediate algebra exam

BASIS FOR GRADES:	Attendance and daily work:	20%
	Homework:	20%
	Quizzes:	30%
	Intermediate Algebra Exam:	30%

LETTER GRADES:	90-100%	A
	75-89%	B
	60-74%	C
	50-59%	D
	0-49%	F

REMARKS: Class will begin promptly at the top of the hour. Punctuality is paramount. If I am ever more than two minutes late you may assume class is cancelled. You should arrive early enough so that you may settle in be completely ready to get seriously into our subject when class begins.

Attendance is essential. This class will become a community, and each student will be a valuable member of the community. We all suffer if you are absent or tardy. If you must be late or absent I want to know ahead of time. Email me so I have a record of it.

A general rule-of-thumb is that an average college student should study two hours outside of class for every hour spent in class. That will likely not be sufficient for this course. However, if you study regularly and effectively, forming study groups and making use of resources, including some of the following links, and communicate regularly with your instructor, then you should be able to do well in the class.

LINKS: More syllabus type info from HSU (see especially the last page)  
<http://www.humboldt.edu/aavp/AdminMemo/HSUPolicyonContentofSyllabi.pdf>

A pamphlet by my former colleague at HSU, Charlie Biles, which possesses a wealth of information for any college student:  
<http://users.humboldt.edu/haag/goodstudents/>

I am looking forward to this course. I hope you find it stimulating, challenging, rewarding, and fun!  
Contents of this syllabus subject to revision by instructor.

#### TENTATIVE SCHEDULE FOR THE REST OF THE TERM

##### **Chapter 1 1/17 – 1/27**

<u>Date</u>	<u>Section</u>	<u>Date</u>	<u>Section</u>
1/17	intro, 1.1	1/23	1.4, 1.5
1/18	1.1, 1.2	1/24	1.5
1/19	1.3	1/25	remedial topics
1/20	1.4	1/26	review
		1/27	quiz ch. 1

##### **Chapter 2 1/30 – 2/10**

<u>Date</u>	<u>Section</u>	<u>Date</u>	<u>Section</u>
1/30	2.1	2/6	2.4, 2.5
1/31	2.2	2/7	2.5
2/1	2.2, 2.3	2/8	remedial topics
2/2	2.3	2/9	review
2/3	2.4	2/10	quiz ch. 2

##### **Chapter 3 2/13 – 2/24**

<u>Date</u>	<u>Section</u>	<u>Date</u>	<u>Section</u>
2/13	3.1, 3.2	2/20	3.6, 3.7
2/14	3.3	2/21	3.7
2/14	3.4	2/22	remedial topics
2/16	3.5	2/23	review
2/17	3.6	2/24	quiz ch. 3

**Chapter 4      2/27 – 3/9**

<u>Date</u>	<u>Section</u>	<u>Date</u>	<u>Section</u>
2/27	4.1, 4.2	3/5	4.6
2/28	4.2, 4.3	3/6	4.4 – 4.6
2/29	4.3	3/7	remedial topics
3/1	4.4	3/8	review
3/2	4.5	3/9	quiz ch. 4

**Chapter 9      3/19 – 3/30**

<u>Date</u>	<u>Section</u>	<u>Date</u>	<u>Section</u>
3/19	9.1, 9.2	3/26	9.5
3/20	9.2	3/27	remedial topics
3/21	9.3	3/28	review
3/22	9.3, 9.4	3/29	quiz ch. 9
3/23	9.4	3/30	Cesar Chavez Day (no class)

**Chapter 10      4/2 – 4/13**

<u>Date</u>	<u>Section</u>	<u>Date</u>	<u>Section</u>
4/2	10.1	4/9	10.5
4/3	10.2	4/10	10.6
4/4	10.3	4/11	remedial topics
4/5	10.3, 10.4	4/12	review
4/6	10.4	4/13	quiz ch. 10

**Chapter 12      4/16 – 4/27**

<u>Date</u>	<u>Section</u>	<u>Date</u>	<u>Section</u>
4/16	12.1	4/23	12.5
4/17	12.1, 12.2	4/24	12.5
4/18	12.2	4/25	remedial topics
4/19	12.3	4/26	review
4/20	12.4	4/27	quiz ch. 12