Chemistry 344

General Information | Experiments | Course Resources | Office Hours

Course Description

CHEM 344 introduces the student to the basic synthesis, purification, and characterization techniques of organic chemistry, along with critical interpretation of experimental data. CHEM 344 covers material from both CHEM 343 and CHEM 345 lecture courses. All of the critical course information can be found in the CHEM 344 laboratory manual and on the course website. Learn@UW will be used as a gradebook for each individual section maintained by your laboratory TA.

CHEM 344 Course Announcements

Course-wide scores for the spectroscopy exam:

Mean: 73% **Hi, Lo:** 100%, 26% **Median:** 74% **Mode:** 78% **Std. Dev:** 17.6%

A = 44 - 50; AB = 41 - 43; B = 31 - 40; BC = 24 - 30; C = 23-17; D-F = <17

The answer key for the exam is posted in the glass cabinet in the hallway between labs B325 and B331. The key will not be posted on the course website or on Piazza.

CHEM 344 Summer 2015 Lecture/Experiment Schedule

(Schedule A in blue/upper, Schedule B in green/lower, Schedule A/B in red when identical)

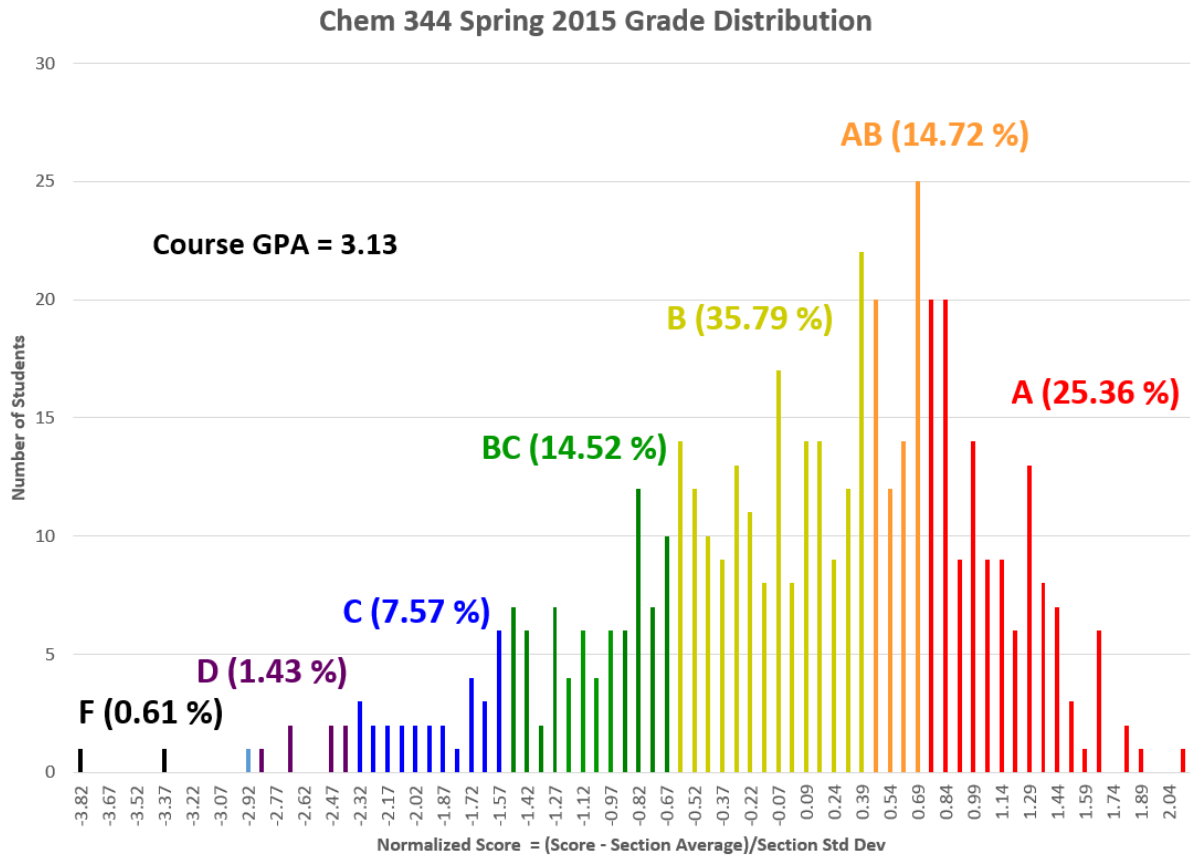
In order to find out what schedule you are on, check the TA Assignments

Monday	Tuesday	Wednesday	Thursday
15-Jun Spectroscopy I	**16-Jun** Spectroscopy II	**17-Jun** Spectroscopy III	**18-Jun** Spectroscopy IV
22-Jun **Spectroscopy Review** **Spectroscopy Exam**	**23-Jun** Extraction I WebMO I	**24-Jun** Extraction II WebMO II	**25-Jun** WebMO I Extraction I
29-Jun WebMO II Extraction II	**30-Jun** Oxidation/TLC Oxidation/TLC	**1-Jul** S_N1 S_N2	**2-Jul** S_N2 S_N1 **QUIZ 1**

6-Jul E1 E2	**7-Jul** E2 E1	**8-Jul** **Review**	**9-Jul** **Midterm Exam**
13-Jul EAS nitration EAS FC acylation	**14-Jul** EAS FC acylation EAS nitration	**15-Jul** **Review**	**16-Jul** Wittig Aldol
20-Jul Aldol N-Func. Groups	**21-Jul** N-Func. Groups Wittig	**22-Jul** **Review** **QUIZ 2**	**23-Jul** Organometallic chemistry
27-Jul Grignard reaction	**28-Jul** Suzuki coupling	**29-Jul** **Review** **QUIZ 3**	**30-Jul** Aerobic oxidation
3-Aug **Review**	**4-Aug** **Review** **QUIZ 4**	**5-Aug** **Review**	**6-Aug** **Final Exam**

Course Grade Information

The grades in CHEM 344 are assigned based upon achievement demonstrated in lab reports, TA-written discussion quizzes, and course-wide exams. Due to the variablity in grading, with up to 30 different TAs per semester, your scores will only be judged directly in comparison to those students in your laboratory section. Your final letter grade will be assigned by Dr. Hill and Dr. Esselman based upon your achievement relative to the other students and in consultation with your TA. Historically, the average letter grade in CHEM 344 has been a B. Shown below is the final grade distribution in Spring 2015, which was a typical semester. All student scores are displayed with their grades adjusted to the mean and standard deviation of their section. The percentage of students who earned a particular letter grade is shown next to each letter.



Course Instructor Contact Information

Laboratory Director	Assistant Laboratory Director
Dr. Nicholas J. Hill	Dr. Brian J. Esselman
hill@chem.wisc.edu	besselman@chem.wisc.edu
B330A Chemistry	B324A Chemistry
608-262-2306	608-262-1479

- See more at: http://chem.wisc.edu/content/chemistry-344#sthash.RFH0Bl1E.dpuf