

See <http://www.uaf.edu/uafgov/faculty/cd> for a complete description of the rules governing curriculum & course changes.

TRIAL COURSE OR NEW COURSE PROPOSAL

SUBMITTED BY:

Department

Chemistry & Biochemistry

College/School

CNSM

COURSE CLASSIFICATIONS: (undergraduate courses only. Use approved criteria found on Page 10 & 17 of the

manual. If justification is needed, attach on separate sheet.)

H = Humanities

S = Social Sciences

Will this course be used to fulfill a requirement

YES

NO

IF YES, check which core requirements it could be used to fulfill:

O = Oral Intensive, Format 6

W = Writing Intensive, Format 7

Natural Science, Format 8

12. COURSE REPEATABILITY:

Is this course repeatable for credit?

YES

NO

Justification: Indicate why the course can be repeated
(for example, the course follows a different theme each time).

How many times may the course be repeated for credit?

TIMES

What is the maximum number of credit hours that may be earned in this course?

CREDITS

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]


[REDACTED]

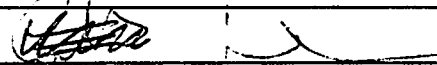
[REDACTED]

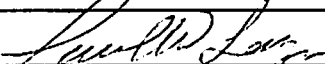
[REDACTED]

[REDACTED]

necessarily have less student-teacher interaction. However, this class size is typical for organic chemistry labs nationwide, whereas the 10-student CHEM 324W class is atypically small.

 Date 21 Jan 2011
Signature, Chair, Program/Department of: Chemistry + Biochemistry

 Date 1 Feb 2011
Signature, Chair, College/School Curriculum Council for: CNSM

 Date 2/11/11
Signature, Dean, College/School of: CNSM

Signature of Provost (if applicable) Date

Signature of Provost (if applicable)

Offerings above the level of approved programs must be approved in advance by the Provost.

ATTACH COMPLETE SYLLABUS (as part of this application).

The department and campus-wide curriculum committees will review the syllabus to ensure that each of the items listed

CHEMISTRY 323
ORGANIC CHEMISTRY LABORATORY
Corequisite: Chem 322 Organic Chemistry

Spring 2012
3 Credits

Lab: Tues and Thurs., 8:00-11:00; REIC 245
OR Wed and Fri., 8:00-11:00; REIC 245

Instructor: Office REIC, 474- @alaska.edu
..... Office hours by appointment, or drop-in.

Teaching Assistants.....

..... Office REIC, 474- @alaska.edu
..... Office hours

..... Office REIC, 474- @alaska.edu
..... Office hours

Required Materials: (1) *A Small Scale Approach to Organic Laboratory Techniques 3rd Edition.*
Brooks/Cole. (2010) Donald L. Pavia, Gary M. Lampman, George S. Kriz, Randall
G. Engel
(2) Student Lab Notebook, Hayden-McNeil STP100

Recommended: USB memory stick for backing up data and text files

Fees: (1) Material fee for chemicals, glassware breakage, and other supplies \$125
(2) chemistry computer lab fee \$45 (charged only once for multiple chem classes)
(3) key deposit \$5 cash (Bring it to first lab.)

Course Description (from catalog):

- Scifinder Scholar – literature searching
- ACD labs NMR software
- HyperChem software for molecular calculations

Laboratory Safety: Laboratory safety is a major concern of all chemical laboratories but is especially important in organic labs due to the presence of flammable solvents, potentially hazardous fumes, highly reactive reagents, etc. The first lab will deal explicitly with these hazards and the appropriate safety measures to follow. Subsequent lectures, besides covering the theory and practicalities of the week's experiment will also cover specific hazards that you may encounter

Please attend these lectures and be prepared for the lab by doing any assigned readings and having your notebook prepared before coming to lab. If you are not prepared for lab you may be asked to leave.



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