## FORMAT 2

Submit originals and one copy and electronic copy to Governance/Faculty Senate Office See <a href="http://www.uaf.edu/uafgov/faculty/cd">http://www.uaf.edu/uafgov/faculty/cd</a> for a complete description of the rules governing curriculum & course changes.

## CHANGE COURSE (MAJOR) and DROP COURSE PROPOSAL

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	CHEM F324 W Organic Chemistry Laboratory (n) 4 credits A laboratory course designed to illustrate modern techniques of isolation, purification, analysis and structure determination of covalent, principally organic, compounds. Enrollment limited. Contact department (474-5510) or <a href="mailto:fychem@alaska.edu">fychem@alaska.edu</a> ) early to get on the wait list. Special fees apply. Enrollment limited. Contact department (474-5510) or fychem@alaska.edu) early to get on the wait list. Special fees apply. Prerequisites: ENGL F111X; ENGL 211X or ENGL F213X; or permission of instructor. Co-requisites: CHEM 322. (2 + 6)	
,	7. COMPLETE CATALOG DESCRIPTION AS IT WILL APPEAR WITH THESE CHANGES: ( <u>Underline new wording</u> strater than the strategy of th	ike d
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	differences in required work and evaluation for students at different levels.	
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	CHEM F324 W  Advanced Organic Chemistry Laboratory (n)  4 credits  Offered Spring	
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6. CURRENT CATALOG DESCRIPTION AS IT APPEARS IN THE CATALOG: including dept., number, title and credits

CHEM F324 W

	The purpose of the department and campus-wide curriculum committees is to scrutinize course change and new course applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory. If you ask for a change in # of credits, explain.				
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## ATTACH COMPLETE SYLLABUS (as part of this application).

Note: The guidelines are online: http://www.uaf.edu/uafgov/faculty/cd/syllabus.html

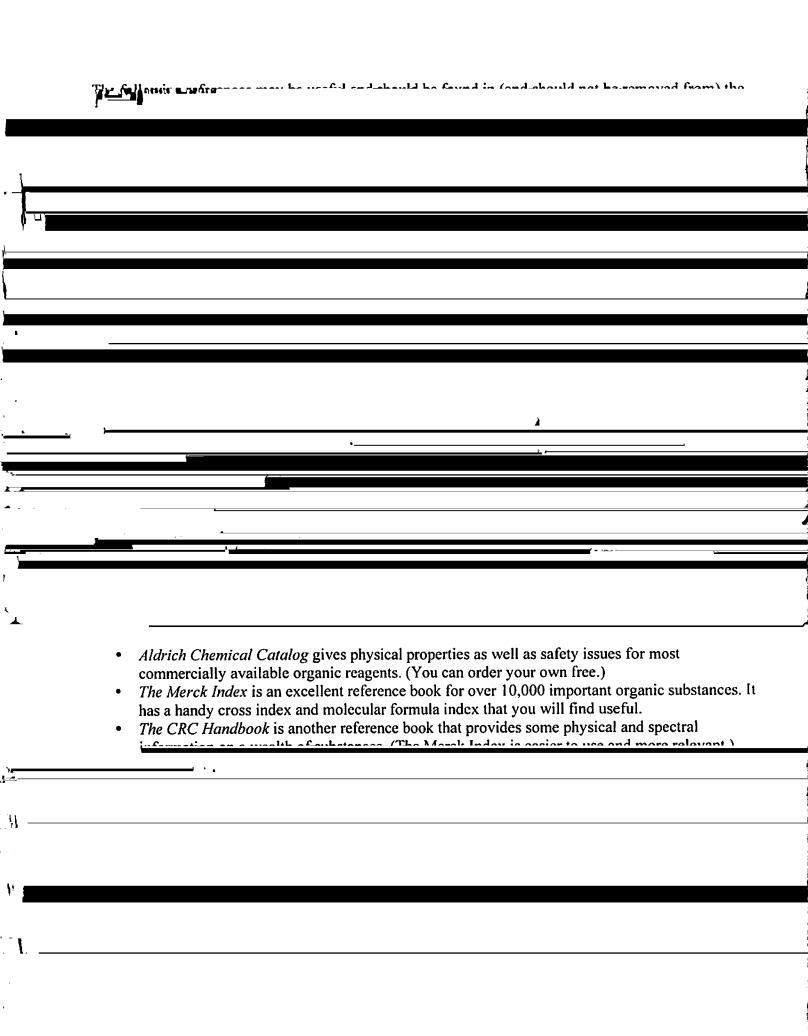
The department and campus wide curriculum committees will review the syllabus to ensure that each of the items listed below are included. If items are missing or unclear, the proposed course change will be <u>denied</u>.

SYLLABUS CI	HECKLIST FO	R ALL UAF	COURSES
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## CHEMISTRY 324W Spring 2012 ORGANIC LABORATORY

	Lecture:Monday and Friday 2:15-3:15; Reichardt 165 Lab:Tues and Thurs., 2:00-5:15; Reichardt 137
	Instructor:John Keller, Office 161 Nat Sci, 474-6042; jwkeller@alaska.edu
	Office hours by appointment, or drop-in.  Teaching Assistant TBA
	Required Materials: (1) PAVIA et al., MICROSCALE+MACROSCALE TECH.IN ORGAN.LAB, \$112 new at the UAF bookstore, \$84 used. Amazon.com: \$106 new, with free shipping, \$48 used + \$4 shipping (2) 8"x10" bound notebook.
	Recommended Materials: USB memory stick for backing up data and text files
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	<ol> <li>Please use the spelling and grammar checkers before handing anything in!</li> <li>Submit in both hard copy (stapled) and electronic form, formatted identically. The hard copy should be printed on the Kyocera Color Laser (room 172) or similar printer and placed in JK's</li> </ol>
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	4. Chemical structures can be draw neatly by hand or using computer software (ChemWindow, or ACD ChemSketch - the latter is free download from the Internet, and both are installed on Chem Computer Lab workstations). Chemical structures, reactions, and mechanisms should be inserted directly in the text, not at the end.
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	found on the university web-site: http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-
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Lectures. It is essential that you attend all lectures and arrive on time to the laboratory in order to fully understand the experiment and safety issues.

Each lecture will begin by pointing out salient features for the upcoming experiment. Questions regarding 1) the choice of solvent, 2) order of addition, 3) which reagent to use in excess, 4) work-up steps, 5) appropriate stopping points, etc., will be addressed. In addition, as time allows, other topics will be covered that are described in the syllabus. Much of the midterm exam will come from these lectures..

Some experiments may have to be modified from the description given in the handouts. These modifications may include 1) reduction in the scale of the reaction, 2) changes in the glassware used, 3) additional analyses of the final product, and 4) alternative reagents, solvents or starting materials. A discussion of these modifications will be presented in the lecture and possibly at the beginning of the lab itself. This is why lecture attendance is mandatory. Also, always check the <u>marker board in lab (137 NSF) for important announcements</u>.

**Grades**: The final letter grade will be based on the total number of points accrued during the semester, apportioned as follows. (+/- grades may be used).

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	Experiments 1, 3, 6, 7 & 8 (50 pts each)	250	
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Chem 324 Fall 2010 J. Keller/ SCHEDULE

1	Week of Topics	New Techniques	Readings	
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