

#### 1. Com se intor

Metabolism and Biochemistry, BIOL 4XX (4)

weeting 1 mes: Trues 9:45 - 11:15 am, Life Sciences

Wed 2:15 - 5:00 pm

Prefequisites: BIOL 3XXX OUTIM-195 Yo 199 Yo.

#### 2. Instructing Stoff:

<u>- v. d. Willey Room 24 ff.</u> 

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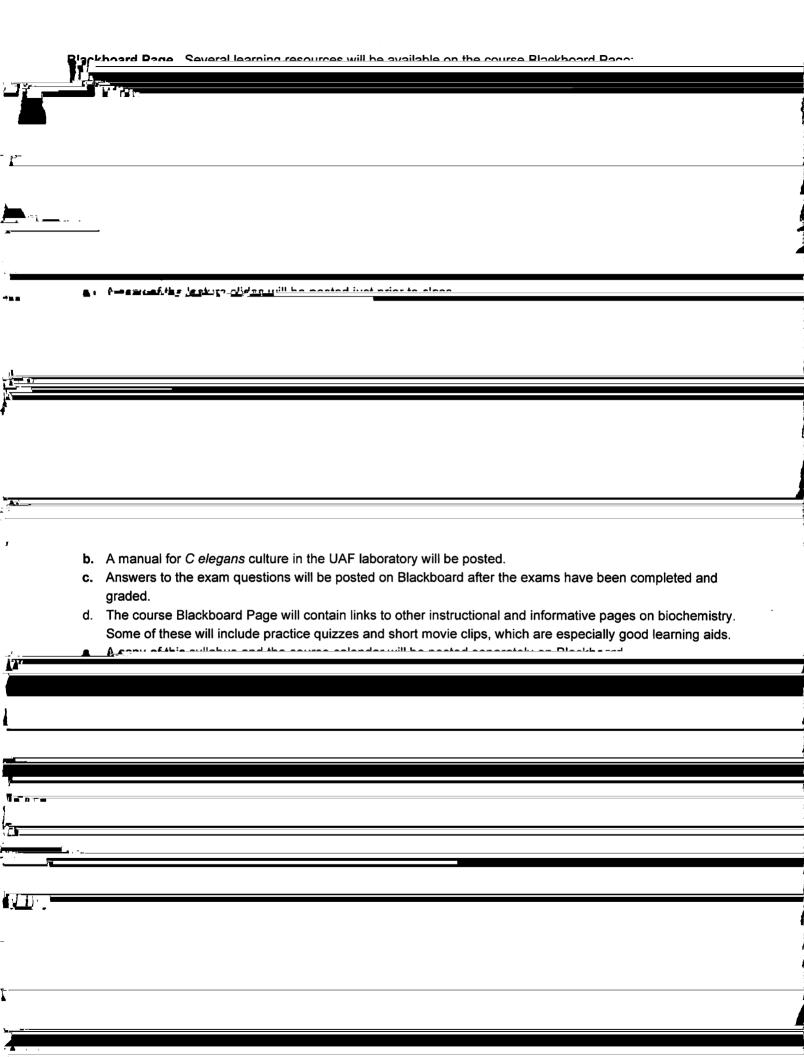
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	guidelines for acceptable and unacceptable behavior.	
	Honesty is a primary responsibility of you and every other UAF student. The following are common guidelines regarding academic integrity:	
	<ol> <li>Students will not collaborate on any quizzes or exams that will contribute to their grade in a course, unless permission is granted by the instructor of the course. Only those materials permitted by the instructor may be used to assist in quizzes and exams.</li> </ol>	

2. Students will not represent the work of others as their own. A student will attribute the source of information not original with himself or herself (direct quotes or paraphrases) in compositions, theses and other reports.

instructors.

3. No work submitted for one course may be submitted for credit in another course without the explicit approval of both

Alleged violations of the Code of Conduct will be reviewed in accordance with procedures specified in regent's policy, university regulations and UAF rules and procedures. For additional information and details about the Student Code of Conduct specified services of Student Socioes of Student Socies of Student Socioes of Student Socio



## 10. Course Calendar (subject to change)

## **Principles of Metabolism and Biochemistry**

## Biology 303 Fall 2012

Section I. C e	<i>legans</i> a model	for biological	research
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- 1. Sept. 5
- Class introduction

<u> Rantiguilli Blainaisteumanamamina af binus tanitan</u>

- 2. Sept. 12
- C elegans biology
- 3. Sept. 19
- Trends in C elegans research

Ecology of *Caenorhabditis* species, Kiontke et al 14pp Intermediary metabolism, Braeckman et al 24pp

Three recent reviews will be selected and pdfs posted on Blackboard

## **Capstone Project in Biological Sciences**

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critical reasonin	ig is to engage in so	cienti fic inquiry.				
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# Rubric for Undergraduate Research in Metabolism and Biochemistry Capstone Project

To be completed by student			
Student's name	Г	Date	
Capstone Project Title			
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Research Supervisor	<del></del>		
To be completed by Research Supervisor	T	· -	
	Yes (excellent)	Somewhat (adequate)	No (inadequate)
Does the capstone paper represent the student's own scientific research?			
Does the capstone paper make a compelling argument for the significance of the student's research within the context of the current literature?			
Does the capstone paper clearly articulate the student's research goals?			
Are the methods appropriate given the student's research agenda?			
Is the data analysis appropriate and accurate?			
Door the thesis skillfully intermed the manifest			