



Specific Coverage:

I. Introduction to Organic Chemistry and Functional Groups

II. Properties of Compounds

III. Classification and Functional Groups

IV. Structure and Function of Proteins

V. Food Security and Society

Course Description: This is a general education course. Structure is presented in a fundamental,

practical manner. The course emphasizes the relationship between structure and function.

Learning Objectives: Upon completion of this course, students will be able to:

• Identify the major functional groups found in organic molecules.

• Explain the relationship between structure and properties of organic molecules.

• Identify the major components of proteins and their functions.

• Explain the role of chemistry in food security and society.

Course Objectives: Chemistry 104 is part of the UAF General Education Curriculum.

The following objectives are addressed in this course:

• Scientific Reasoning and Problem Solving

• Quantitative Reasoning

• Communication

• Critical Thinking

• Ethical Reasoning

• Civic Engagement

• Global Awareness

• Technological Literacy

• Personal and Professional Development

• Social Responsibility

• Environmental Awareness

• Interdisciplinary Perspectives

• Multicultural Perspectives

• Historical Perspectives

Laboratory Projects

Class projects are designed to spur your creativity.

UAF Attendance Policy:

You are expected to attend classes regularly; unexcused absences may result in a failing grade.

Students are responsible for all assignments, whether or not they attend class. If you miss a class, it is your responsibility to get the missed information from another student or from me.

Summer School

Summer school is a great way to catch up on work, or to take a class you didn't pass during the regular school year.

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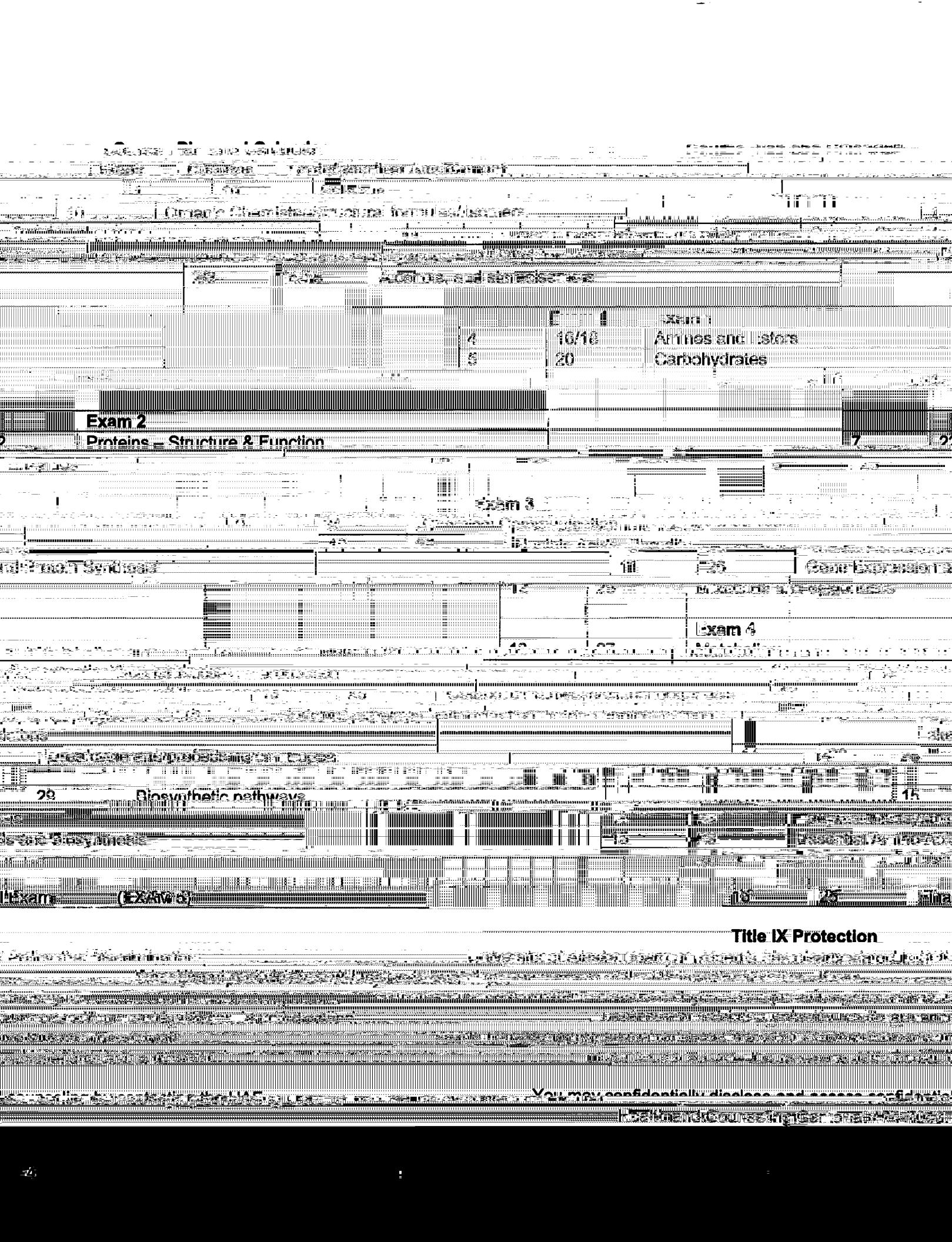
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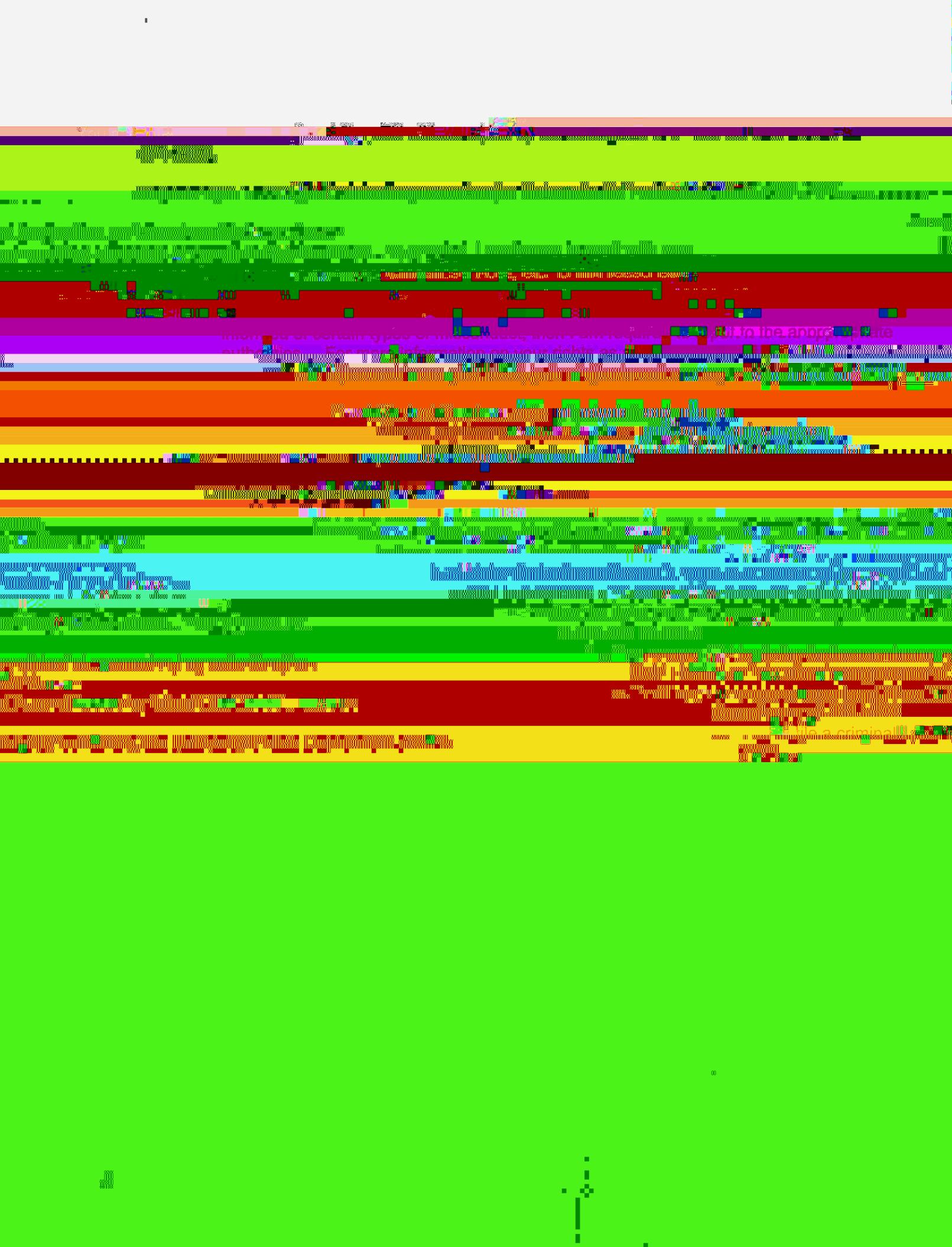
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HONOR CODE: Students

INTEGRITY The student will work with the Office of the
Dean of Students to ensure academic honesty.

1. UAF is an AA/EQ employer and educational institution and complies with Title VI, Title IX, and other applicable laws.

2. This course follows the UAF policy Incomplete Grade Policy.

3. Lab/Work Grade Policy

4. Grade B is not the same as a C for this course.

5. Extended Math available

6. Developmental Math available

9. Extended A

10. Terminal Requirements

