



- Ch. 5 Sampling and Sample Preparation
- **Chemical/Physical Methods (I)**
  - Ch. 13 pH and Titratable Acidity
  - Ch. 6 Moisture and Total Solids
  - Ch. 7 Ash Analysis
- **Spectroscopic Methods**
  - Ch. 21 Basic principle of spectroscopy
  - Ch. 22 UV, VIS, Fluorescence Spectroscopy
- **Chromatographic Methods**
  - Ch. 27 Chromatography
  - Ch. 28 High Performance Liquid Chromatography (HPLC)
  - Ch. 29 Gas Chromatography (GC)
  - Ch. 26 Mass spectrometry
- **Chemical/Physical Methods (II)**
  - Ch. 10 Carbohydrate and Fiber Analysis
  - Ch. 8 Crude Fat Analysis
  - Ch. 14 Fat Characterization
  - Ch. 9 Protein Analysis
  - Ch. 15 Protein Characterization

### **Grading**

1. Exams will be a combination of multiple choice, short answers, essays and problems.
2. Three non-cumulative examinations will be given on the following dates in class 9/29/2014, 11/03/2014, 12/10/2014
3. Content reviews will be offered before the exams. A sample exam or study guide will be provided.
4. Makeup will only be given with the advance permission of the instructor.

**NOTE:** Late materials will be deducted 5 points per day. Any dispute on grade should be sent to Dr. GU within 5 days after a grade is released on e-learning. A late dispute will not be considered. Final grades will be assigned according to cumulative averages. Grades will be assigned according to the new UF grading policy as the following.

### **Grading Scale**

<b>Contents</b>	<b>Points</b>
Exams (3 @ 150 pts)	450
Assignments	
• Foundational knowledge (I, II, III, IV)	60
• Library Assignment	70
• Peer review of library assignment	20
<b>Laboratory</b>	
Participation points	40
Lab report points	250
Laboratory Notebook	40
Quizzes in laboratory and class quizzes	70
<b>Total</b>	<b>1000</b>

<b>Grades</b>	<b>GPA</b>	<b>Percentage</b>
A	4.00	93-100%
A-	3.67	86-93%
B+	3.33	81-86%
B	3.00	76-81%
B-	2.67	73-76%
C+	2.33	71-73%
C	2.00	69-71%
C-	1.67	66-68%
D+	1.33	64-66%
D	1.00	62-64%
D-	0.67	60-62%
E	0.00	<60%

### **Classroom Policies and Attendance**

Students must attend all lectures and lab sessions. Justified absence and the UF attendance policy are available at <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>. Non-justified absence for the lab will result in a **ZERO** for the lab participation and lab report. Special circumstances need to be addressed with the instructor and will be

assessed on a case by case basis. Cellular phones and pagers are disruptive and must be turned off in the classroom and laboratory.

### **Academic Honesty**

In 1995 the UF student body enacted an honor code and voluntarily committed itself to the highest standards of honesty and integrity. When students enroll at the university, they commit themselves to the standard drafted and enacted by students.

***The Honor Pledge: We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity***

On all work submitted for credit by students at the university, the following pledge is either required or implied: "***On my honor, I have neither given nor received unauthorized aid in doing this assignment.***"

Students should report any condition that facilitates dishonesty to the instructor, department chair, college dean, Student Honor Council, or Student Conduct and Conflict Resolution in the Dean of Students Office.

*(Source: 2012-2013 Undergraduate Catalogs)*

It is assumed all work will be completed independently unless the assignment is defined as a group project, in writing by the instructor.

This policy will be vigorously upheld at all times in this course.

### **Software Use:**

All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

### **Campus Helping Resources**

Students experiencing crises or personal problems that interfere with their general well-being are encouraged to utilize the university's counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

- University Counseling & Wellness Center, 3190 Radio Road, 352-392-1575, [www.counseling.ufl.edu/cwc/](http://www.counseling.ufl.edu/cwc/)
  - Counseling Services
  - Groups and Workshops
  - Outreach and Consultation
  - Self-Help Library
  - Training Programs
  - Community Provider Database
- Career Resource Center, First Floor JWRU, 392-1601, [www.crc.ufl.edu/](http://www.crc.ufl.edu/)

### **Services for Students with Disabilities**

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues.

Reid Hall, 352-392-8565, [www.dso.ufl.edu/drc/](http://www.dso.ufl.edu/drc/)