



The mission of Concord University is to provide quality, liberal arts based education, to foster scholarly and creative activities and to serve the regional community (<http://www.concord.edu/academics/>).

**Alyce R. Lee, Ph.D.**

**Adjunct Professor of Geology**

**College of Natural Sciences, Mathematics, and Health**

**Department Website: <http://www.concord.edu/physci/node/1>**

**Office Location, Beckley Center, E36**

**Office Hours: ½ prior to class and after class, Thursdays 4:00-7:30 pm**

**Office Phone: 1-304-256-0270, College Fax: 1-304-384-6022 Cell Phone: 1-304-237-5015**

**[alee@concord.edu](mailto:alee@concord.edu); [alycelee@suddenlink.net](mailto:alycelee@suddenlink.net); [alyce.r.lee@wv.gov](mailto:alyce.r.lee@wv.gov)**

**Course Title: Oceanography**

**Course CRN # GEOL 150 Section 30, Credit Hours: 3.0**

**Semester Taught: Spring 2018**

**Room Number: Beckley HEC #TBD**

**Course Time: Wednesday's 4:30 – 7:00 pm**

**Course Management System: Moodle**

**Hardware/Software Needed: Access to word processing and spreadsheet software**

**Prerequisites: Not Required.**

**Text requirements: Investigating Oceanography by Keith A. Sverdrup and Raphael M. Kudela**

**Course Description/Rationale: Need and purpose of course**

*Instruction for this course will be through lectures, class participation by discussing case studies, and written exercises that require critical thought and analysis. Laboratory work will emphasize observation, description and scientific deduction.*

**National Standards: Not Applicable**

**Concord University Educational Goal(s)**

- To learn the nature of science and how using the scientific method aids helps investigators address today's environmental issues.
- To learn the technology that scientists use to examine these geological features.
- To develop critical thinking skills and be able to use them in a scientific setting.

- When time allows, to develop lab based skills related to oceanography using a hands on approach.
- This course addresses and assesses the following two Concord University Educational Goals. Skills: (1.2) Ability to employ appropriate observational, logical, analytical, and critical thinking skills to problem-solving. Knowledge: (2.2) An awareness of the fundamental characteristics and properties of the physical universe.

### Course Requirements

***You must be present for each major exam (Mid-term and Final).*** Homework is due prior to the class lecture, if you know you are not able to make the lecture then the assignment needs to be presented to me prior to lecture via e-mail or given to the Beckley Center Administrator in order to receive full credit.

***Assignments and reports*** will be given a due date, upon which the work is due at that time, and late reports will not be accepted.

### Grading Policy and Scale, Make-up Policy, Late Work

#### *Grading Policy and Scale*

Homework/Assignments	25%
Quizzes	25%
Exams	50%

Your final grade will be your total average score at the end of the course:

A	90-100%	Superior performance and understanding
B	80-89%	Good performance and above average understanding
C	70-79%	Average performance and average understanding
D	60-69%	Below average performance and incomplete understanding
F	<60%	Inadequate performance

You are required to keep your all your assignments, quizzes and exams that are returned to you after grading. This is to provide documentation should there be a question about a grade. If you cannot provide this documentation, then the grade I have recorded for you is the final grade.

#### *Make-up Policy/Late Work*

In the event that an absence arises due to an emergency, and you cannot turn in your assignment or take the scheduled quiz/exam in the timeframe specified, please notify me immediately, either via email, or phone so other arrangements can be made to submit the required material. Examples of an excused absence are death within the family, illness within the immediate family, participation in Concord University's approved activities. These examples are not all inclusive and will be assessed on a case by case basis. Please note that documentation of an excused absence will be required upon return to class.

If the event is deemed not excused, the assignment may be submitted but the final grade will be dropped one letter grade.

I will drop the lowest grade on quizzes. Class participation can influence your grade, especially if your final grade is on a cusp.

#### **Course Timeline (Schedule of Assignments/Assessments/Presentations)**

<b>WEEK</b>	<b>TOPIC</b>	<b>CHAPTER</b>
<b>1</b>	<b>The Water Planet</b>	<b>1</b>
<b>2</b>	<b>Earth Structure and Plate Tectonics</b>	<b>2</b>
<b>3</b>	<b>The Sea Floor and its Sediments</b>	<b>3</b>
<b>4</b>	<b>The Physical Properties of Water</b>	<b>4</b>
<b>5</b>	<b>The Chemistry of Seawater</b>	<b>5</b>
<b>6</b>	<b>The Atmosphere and the Oceans</b>	<b>6</b>
<b>7</b>	<b>Ocean Structure and Circulation</b>	<b>7</b>
<b>8</b>	<b>The Waves</b>	<b>8</b>
<b>9</b>	<b>The Tides</b>	<b>9</b>
<b>10</b>	<b>Coasts, Beaches and Estuaries</b>	<b>10</b>
<b>11</b>	<b>The Living Ocean</b>	<b>11</b>
<b>12</b>	<b>The Plankton, Productivity, and Food Webs</b>	<b>12</b>
<b>13</b>	<b>The Nekton-Swimmers of the Sea</b>	<b>13</b>
<b>14</b>	<b>The Benthos-Living on the Sea Floor</b>	<b>14</b>
<b>15</b>	<b>Environmental Issues</b>	
	<b>The Oceans and Climate Disruption</b>	<b>15 &amp; 16</b>

#### **Accessibility/Accommodations:**

Concord University is committed to responding to the needs of students with disabilities as defined by the Americans with Disabilities Act. Please inform your instructor at the beginning of the class semester if you have a disability and are requesting accommodations. It is your responsibility to self-disclose that you are requesting accommodations. The University and instructor will provide you with a reasonable accommodation. You should register with CU's Disability Services Office, located in the Athens campus Jerry and Jean Beasley Student Center, Bottom Floor, across from the Campus Post Office. The Disability Services Office phone is 304-384-6086 or you can email the Director, Nancy Ellison, at nellision@concord.edu for assistance.

#### **Academic Dishonesty**

Academic dishonesty is morally unacceptable as well as destructive to the learning and teaching atmosphere. Academic dishonesty includes the giving or receiving of improper help on examinations or assignments, falsifying documents, and plagiarism (the act of stealing and using, as one's own, the ideas or the expression of the ideas of another). Such dishonesty can lead to a variety of penalties — including but

not limited to failure of assignment, failure of course, loss of institutional privileges, or dismissal from the University. (See University Catalog Academic Policies and Procedures.)

### **Concord University Honor Code**

A Concord University Honor Code was approved by students, staff, faculty, administration, and the CU Board of Governors. The Code states:

*"As a member of the Concord University Community I will act with honesty and integrity in accordance with our fundamental principles and I will respect myself and others while challenging them to do the same."*

The Honor Code is intended to unite the Concord community behind a culture of honesty, integrity, and civility.

### **Class/Online Attendance Policy**

Regular class attendance is part of a student's academic obligation at Concord. Irregular attendance may affect academic performance adversely and is detrimental to the atmosphere of a class. (See University Catalog Academic Policies and Procedures.)

### **Emergency Alert System**

In an effort to increase safety and security on our campus, Concord University encourages everyone to register for instant text message alerts. Alerts will only be used for security and safety notices. All students, faculty, and staff are eligible to receive text message alerts on their cell phones or email alerts. Please contact the IT Help Desk for further assistance (304-384-5291).

### **Emergency Information**

Emergency/courtesy telephones are located at the main entrance of each residence hall and at various other locations on campus. Emergency telephones can be identified by the flashing blue light and will provide the user with a direct link to Public Safety at the press of a button. To report an on-campus emergency, call 304-384-5357 or 911. The Office of Public Safety is located on the bottom floor of the Rahall Technology Center. For further emergency information go to: <http://www.concord.edu/administration/office-public-safety>.

### **Inclement Weather Policy**

As a general policy, the University will remain in normal operations during adverse weather conditions. In the event of severe weather conditions, the following may occur:

#### University Closure

No students or employees are to report.

#### Classes Cancelled

Students do NOT report BUT employees are expected to report to work at their normal time.

#### Operating on an Inclement Weather Delay

Under this schedule, all 8 a.m. classes will start at 10 a.m. Students and faculty will follow the

Inclement Weather Schedule. (See <http://www.concord.edu/emergency-alerts> for Athens/Beckley Inclement Weather Schedules.)

*\*Announcements invoking the late schedule or other options referenced above are aired on area radio and television stations and are sent as text and email messages to those enrolled for this service.*

## **Student Conduct**

In classrooms, online, laboratories, and during any activities that are part of course requirements, students are expected to observe reasonable rules of conduct.

**Cell phones:** Please turn off your cell phones, its common courtesy.

**Talking in class:** please do not disturb the class by chatting with your friends about what you did last night, this time is for class work. I will ask you to leave the classroom. **Technology Services**

## **Contact Technological Services**

Contact the CU Help Desk at extension 5291 from campus or 304-384-5291 off campus. You may also e-mail [cuhelpdesk@concord.edu](mailto:cuhelpdesk@concord.edu).

## **Syllabus Disclaimer**

**"This syllabus is subject to change based on the needs of the class. Please check it regularly."**

## **Miscellaneous (for example):**

Will be provided as needed.

## **Sexual Harassment & Assault**

Federal law, Title IX, and Concord University policy prohibits discrimination, harassment, and violence based on sex and gender (Including sexual harassment, sexual assault, domestic/dating violence, stalking, sexual exploitation, and retaliation). If you or someone you know has been harassed or assaulted, you can receive confidential counseling support through the Concord University Counseling Center (304-384-5290). Alleged Violations can be reported non-confidentially to the Concord University Title IX Coordinator at 304-384-6327 or [titleix@concord.edu](mailto:titleix@concord.edu). Reports to Campus Security can be made at (304-384-5357). As an employee at Concord University, I am a mandatory reporter which means I must report any sexual misconduct I am made aware of. This includes verbal or written (such as in an assignment) disclosures of sexual harassment or sexual assault.