

OBR	
Received(time)	10:54 AM
Date	7/26/2006

**Ohio Articulation Number (OAN)
Course Submission Form
2005-2006**



College/University Cleveland State University

Course(s) Submitted(Title & Course #) Introductory Geology, GEO 100 for
Ohio Articulation Number OSC 011

Date July 12, 2006 Course 1 of a 2 Course OAN mapping.

Name and title of individual submitting on behalf of the college/university

Name Richard Arndt Title Dean of Undergraduate Recruitment and
College Partnerships

Address 2121 Euclid Avenue, BU 508

E-mail r.arndt62@csuohio.edu

Phone 216-687-5139

Fax 216-687-9210

Credit Hours 3 qtr _____ sem X

Lecture Hours 3

Laboratory Hours 0 (if applicable)

Pre-Requisites(s) Course work (if applicable)

Co-req. GEO 101

Placement Score (if applicable)

(Name of test) _____

(Domain) _____ (Score) _____

Catalog/Course Description (Includes Course Title and Course #)

Basic instruction concerning the composition of the earth, with a detailed discussion of the physical and chemical processes that bring about its continual evolution.

Texts/Outside Readings/Ancillary Materials

Physical Geology, by Plummer, McGearry and Carlson

Course Objectives and/or Plan of Work

Basic instruction concerning the composition of the earth, with a detailed discussion of the physical and chemical processes that bring about its continual evolution.

Description of Assessment and/or Evaluation of Student Learning

The grade will be based on two midterm and a non-comprehensive final examination on the lecture subjects. All exam are multiple choice with forty questions.

<u>EXAMS</u> <u>GRADE</u>	<u>DATES</u>	<u>CONTRIBUTION TO FINAL</u>
First hour exam	July 18	33%
Second hour exam	July 31	33%
Final exam	August 10	34%

MAKE-UP POLICY AND THE COURSE REQUIREMENTS

There will be **NO** make-up exam given without either an excuse in writing from a physician or an emergency.

Students are responsible to take all the scheduled exams to meet the requirements for this class. A missing exam will be considered as a failing exam. Students are also responsible for all the advanced announcements made by the instructor regarding changes in the syllabus including exam dates.

ATTENDANCE:

Attendance will be taken on unannounced days.

Master Syllabi and Working Syllabi (if both are used)

INTRODUCTORY GEOLOGY GEOLOGY 100 SUMMER 2006

INSTRUCTOR: Dr. A. Babaei
OFFICE: G-66, Science Research Building
OFFICE PHONE: 216-687-3506

E-Mail: a.babaei@csuohio.edu

MEETING TIME: Lectures: MTWR 10:00-11:30
 Laboratory: See the Bulletin for your assigned sections

OFFICE HOURS: 11:30-12:00 MTWR

MEETING ROOM: Lecture in SR G-60 and lab in SR G-65

TEXT BOOK: Physical Geology, by Plummer, McGeary and Carlson

GRADE BREAKDOWN: The grade will be based on two midterm and a non-comprehensive final examination on the lecture subjects.
 All exam are multiple choice with forty questions.

<u>EXAMS</u> <u>GRADE</u>	<u>DATES</u>	<u>CONTRIBUTION TO FINAL</u>
First hour exam	July 18	33%
Second hour exam	July 31	33%
Final exam	August 10	34%

MAKE-UP POLICY AND THE COURSE REQUIREMENTS

There will be **NO** make-up exam given without either an excuse in writing from a physician or an emergency.

Students are responsible to take all the scheduled exams to meet the requirements for this class. A missing exam will be considered as a failing exam. Students are also responsible for all the advanced announcements made by the instructor regarding changes in the syllabus including exam dates.

ATTENDANCE:

Attendance will be taken on unannounced days.

**TENTATIVE OUTLINE
 INTRODUCTORY GEOLOGY
 GEOLOGY 100
 SUMMER 2006**

<u>DATE</u>	<u>LECTURE NUMBER</u>	<u>TEXT</u>
Week one	1. Introduction, Minerals 2. Minerals and mineral structures	Ch. 2 Ch. 2

- 3. Igneous rocks and Bowen=s reaction series Ch. 3 &4
- 4. Volcanic rocks/ sedimentary rocks Ch. 6

Week two

- 1. Sediments and sedimentary rocks Ch. 6
- 2. Rock cycle and metamorphism Ch. 7
- 3. Metamorphic rocks Ch. 7
- 4. Components of landscapes Ch. 5
- 5. Weathering and erosion/ Review session Ch. 5

JULY 18, FIRST HOUR EXAM

Week three

- 1. River systems Ch. 10
- 2. Mass movements Ch. 9
- 3. Ice age and glaciation Ch. 12

Week four

- 1. Arid climates and deserts Ch. 13
- 2. Wave action and longshore drift Ch. 14
- 3. Shoreline landforms -----
- 4. Review session/Rock deformation Ch. 15

JUNE 31, SECOND HOUR EXAM

Week five

- 1. Rock deformation and structural geology Ch. 15
- 2. Alfred Wegener and the theory Ch. 19

of continental drift

Week six

- 1. Plate tectonics and plate boundaries, -----
- 2. Seismic waves Ch. 16&17
- 3. Earthquakes and prediction -----
- 4. Review session

FINAL EXAM- THURSDAY, AUGUST 10, 10:00-11:00 a.m.

Additional Documentation

OBR Use

Action

Approved	
Additional Information Requested	
Rejected	
Date	