

Course Material Submission Form OAN Match Definition Form

Today's Date: February 7, 2008

Use this table to specify institutional data	
College/University:	Cleveland State University
Name and title of individual submitting on behalf of the college/university	
Name:	Jae-won Lee
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Indicate the reason for this submission:

New Course Match
 Course Renumbering Only (do not use for calendar changes)
 Revised Materials - Faculty review panel requested clarification
 Revised Materials - Institution submitting additional information
 Revised Materials - Course content revised by institution, including situations of both content and credit hour change
 Revised Materials - Other

Describe specific revisions being made for "Revised Materials" submissions:
 Syllabi clarify learning outcomes; chemistry prerequisite added.

Institutional Notes to Faculty Panel (the institution is encouraged to add any additional clarifications for this submission):

Table 1 – Use this table to describe the course match for which materials are being submitted for the first time or revised.

Proposed effective year and term of match (Final effective date will depend on actual approval of match by faculty panel. Effective Year and Term is the first term in which students taking the course will receive matching credit.)

Semester institutions complete this row:
 2008 Academic Year Summer Autumn Spring

Quarter institutions complete this row:
 20 Academic Year Summer Autumn Winter Spring

Ohio Articulation	OSC 013
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Number (OAN) (Use a separate form for each OAN.):	
Number of courses in the match:	2 (up to 10)
Current status of match:	<input type="checkbox"/> First time submission
	<input type="checkbox"/> Approved <input type="checkbox"/> Submitted <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> Error <input type="checkbox"/> Resubmitted <input type="checkbox"/> Pending <input type="checkbox"/> Error with enrollment <input type="checkbox"/> Not submitted
Course or Courses being matched to or currently matched to the OAN listed above. (Course Numbers must be exactly what will appear on a student's transcript.):	Course Number
	1. GEO 304
	2. GEO 305
	3.
	4.
	5.
	6.
	7.
	8.
	9.
10.	

Table 2 - Use this table to submit course materials for the first time or to revise previously submitted course materials. You must submit each course in a separate form, repeating the match definition information in Table 1 above for each form submitted.

Course Number. (Course Numbers must be exactly what will appear on a student's transcript.):	GEO 305	Course Title:	Mineralogy Laboratory
Hours (be sure that the hours for this course matches the hours in the OAN.)			
<input checked="" type="checkbox"/> Semester Hours 1		<input type="checkbox"/> Quarter Hours	
Total Credit Hours	1	Lecture Hours	0
		Laboratory Hours (if applicable)	2
Course Placement in Major:		<input type="checkbox"/> Major Requirement <input checked="" type="checkbox"/> Major Elective <input type="checkbox"/> Major Not Offered <input type="checkbox"/> Other	
Pre-Requisite Course work (if applicable) (Be sure this is consistent with the OAN definition):			
GEO 100 (INTRODUCTORY GEOLOGY) AND CHM 261(GENERAL CHEMISTRY I); COREQUISITE: GEO 304 (MINERALOGY)			
Catalog/Course Description:			
GEO 305 Mineralogy Laboratory (0-2-1) . Prerequisites: GEO 100 and CHM 261, or permission of instructor. Corequisite: GEO 304 . Selected exercises designed to reinforce concepts covered in GEO 304 .			

Texts/Outside Readings/Ancillary Materials (Be sure that the text meets performance expectations):

Course Objectives and/or Plan of Work:

(Provide a clear indication of how the course objectives align with the matched OAN's learning outcomes. This will facilitate the faculty panel course review process.)

Laboratory exercises will be over classification of minerals into groups such as halides, oxides, carbonates, sulfates and others. Students will learn how to use the physical and chemical characteristics of minerals to identify the unknown specimens. The concept of crystal forms, symmetry elements, crystal classes are also taught by wooden models.

Description of Assessment and/or Evaluation of Student Learning (The assessment plan needs to be appropriate for the expected rigor of the course) :

Three exams, each of which counts for 1/3 of the course grade.

Master Syllabi and Working Syllabi (if both are used):

CLEVELAND STATE UNIVERSITY
GEO 305
MINERALOGY LAB

EXAMS

DATES

First Lab Exam	Wednesday, Oct. 1
Second Lab Exam	Wednesday, Nov. 5
Third Lab Exam	Wednesday, Dec. 3

Each lab exam accounts for one third (1/3) of the lab course grade.

PART I - WOODEN MODELS

Lab 1	Symmetry Elements and Operations
Lab 2	Crystal Systems and Crystal Classes
Lab 3	Crystal Forms
Lab 4	Review
Lab 5	Exam 1, Wednesday, Oct. 1

PART II - MINERALS
PHYSICAL PROPERTIES AND IDENTIFICATION

Lab 6	Native Elements and Sulfides
Lab 7	Oxides and Halides
Lab 8	Carbonates and Sulfates
Lab 9	Review

Lab 10	Exam 2, Wednesday, Nov. 5
Lab 11	Nesosilicates
Lab 12	Inosilicates
Lab 13	Tectosilicates
Lab 14	Exam 3, Wednesday, Dec. 3
Additional Documentation:	

OBR Use

Approved-Effective Date	
Pending (i.e. Additional Information Requested)	
Disapproved	
Today's Date	