

# Course Material Submission Form

## OAN Match Definition Form

**Today's Date:** 4-2-08

<b>Use this table to specify institutional data</b>	
<b>College/University:</b>	Shawnee State University
Name and title of individual submitting on behalf of the college/university	
<b>Name:</b>	Dave Todt, PH.D
<b>Title:</b>	Associate Provost
<b>Address:</b>	940 Second Street, Portsmouth Oh 45662
<b>Email:</b>	dtodt@shawnee.edu
<b>Phone:</b>	740.351.3175
<b>Fax:</b>	740.351.3501

**Indicate the reason for this submission:**

New Course Match  
 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:**  
 Conversion from Quarters to Semesters.

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

**Please see additional Documentation for requested information!**

**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:  
 2007 Academic Year       Summer    Autumn    Spring

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

<b>Ohio Articulation</b>	<b>OSC015</b>
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<b>Number (OAN)</b> (Use a separate form for each OAN.):	
<b>Number of courses in the match:</b>	1 (up to 10)
<b>Current status of match:</b>	<input checked="" type="checkbox"/> First time submission
	<input type="checkbox"/> Approved <input type="checkbox"/> Submitted <input 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
<b>Course or Courses being matched to or currently matched to the OAN listed above.</b> (Course Numbers must be exactly what will appear on a student's transcript.):	<b>Course Number</b>
	1. <a href="#">PHYS2202</a>
	2.
	3.
	4.
	5.
	6.
	7.
	8.
	9.
10.	

<b>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.</b>					
<b>Course Number.</b> (Course Numbers must be exactly what will appear on a student's transcript.):	<a href="#">PHYS2202</a>	<b>Course Title:</b>	<a href="#">Physics 2</a>		
<b>Hours (be sure that the hours for this course matches the hours in the OAN.)</b>					
<input checked="" type="checkbox"/> <b>Semester Hours</b>			<input type="checkbox"/> <b>Quarter Hours</b>		
<b>Total Credit Hours</b>	4	<b>Lecture Hours</b>		<b>Laboratory Hours (if applicable)</b>	
<b>Course Placement in Major:</b>			<input type="checkbox"/> Major Requirement <input type="checkbox"/> Major Elective <input type="checkbox"/> Other		
<b>Pre-Requisite Course work (if applicable)</b> (Be sure this is consistent with the OAN definition): <a href="#">Prereq: PHYS 2201</a>					
<b>Catalog/Course Description:</b> <a href="#">PHYS 2202 Physics 2 (Energy, Electricity and Magnetism) (4) Introduction to classical physics. Topics include electric and magnetic fields.</a>					
<b>Texts/Outside Readings/Ancillary Materials</b> (Be sure that the text meets performance expectations): <a href="#">Physics: Principles with Applications by Douglas Giancoli</a>					
<b>Course Objectives and/or Plan of Work:</b> (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.)					

**Goals and Objectives:**

- Introduce students to such topics in classical physics as electric and magnetic.

The objectives of this course are as follows:

- Students who complete this course will be able to think with the ideas associated with such topics as electric and magnetic fields, as evidenced by grades on tests.

**Description of Assessment and/or Evaluation of Student Learning** (The

assessment plan needs to be appropriate for the expected rigor of the course) :

**Evaluation: Tests**

93-100	A	86-89	B+	76-79	C+	66-69	D+
90-92	A-	83-85	B	73-75	C	63-65	D
		80-82	B-	70-72	C-	60-62	D-

below 60 F

**Instructional Delivery Method:**

Lecture, other in-class activities, lab

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

Topics to be Covered

The Laws of Thermodynamics

Electric Fields

Electric Potential

Electric Currents

Magnetic Fields

Faraday's Law

Vibrations and Waves

Geometric Optics

**Additional Documentation:**

Transfer Assurance Guide Information for Physics Courses at Shawnee State University: Physics 2202

**I. Institutional Information**

University Shawnee State University

Name of individual submitting on behalf of the university

Name Dr. Larry Lonney

Address Natural Sciences Department

Shawnee State University

940 Second Street

Portsmouth, OH 45662

Email llonney@shawnee.edu

Phone (740) 351-3426

Lecture/Lab Schedule Since Dr. Jim Simmons teaches most of our algebra-based physics, I am using his schedule for lecture topics and labs.



Electromagnetic induction	2 days	
Third exam	1 day	
Geometric optics: mirrors and their images	2 days	
Geometric optics: refraction		1 day
Geometric optics: lenses and their images		2 days
Optical instruments: camera, eye, telescope		1 day
Nuclear physics: nuclear radiation		1 day
Nuclear Physics: radioactive decay		2 days
Nuclear physics: fission and fusion		1 day

#### IV. Laboratory Topics

- 1 Simple harmonic motion  
(period, frequency, Hook's law)
- 2 Energy in simple harmonic motion
- 3 Sound  
(beats, harmonics)
- 4 Standing waves on a string and in an air column
- 5 Electrostatics I  
(charging by conduction and induction)
- 6 Ohm's law
- 7 Resistors in series and parallel  
(equivalent resistance)
- 8 Electric circuits  
(Kirchhoff's laws)
- 9 Capacitors
- 10 Magnetic field measurements

(relationship between current and magnetic field)

11 Electromagnetism  
(electromagnetic induction, electric motors)

12 Refraction  
(Snell's law)

13 Lenses  
(Thin lens equation)

14 Radioactive decay

**OBR Use**

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

# Course Material Submission Form

## Instructions and notes

1. Submit completed forms to [atpanels@regents.state.oh.us](mailto:atpanels@regents.state.oh.us).
2. Use this form to define course matches and to submit new or revised course materials for faculty panel review. Please do not submit a form for multiple OANs or Courses.
3. For course renumbering and credit hour revision, remember to withdraw the old match.
4. For course renumbering and credit hour revision, you may want to include information about how the new numbers relate to the old in the Institutional Notes to the Faculty Panel.
5. Click check boxes to check the item. Text fields will expand as you enter information. Press tab to move forward through form. Press Shift-tab to move backward. Note that these tables are implemented as MS Word tables. Keep that in mind as you are copying and pasting between your syllabi and this form. It is possible to paste tables as nested tables. Use the Edit Menu "Paste as Nested Tables" selection.
6. Once you are done entering your information, save the data file. Under the File menu, choose "Save as" and then enter the name (no spaces!) of the file using the following naming conventions:
  - a. For course material submissions: **Institution-OAN-Course Number-Sequence-Version. Institution** is the 4 character HEI institution designation. **OAN** is the Ohio Articulation Number whose match is being defined or revised. **Course Number** is the **transcript** course number. **Sequence** is an indication of which course of a multi-course match is addressed in this form. The sequence is of the form (n of m) for an m-course match. For example, 1 of 1 for a single course match or 1 of 2 and 2 of 2 for a 2 course match. **Version** is a number indicating the revision number of this submission. Start with "Ver1" for the first time submission and include the "Ver".

### Example:

If you are submitting course materials for Rhodes Community College MATH110 for OMT005 the name of the file would be LMTC-OMT005-MATH110-(1 of 1)-Ver1.

If you are submitting course materials for Rhodes Community College MATH111 and MATH112 for OMT006 the name of the files would be LMTC-OMT006-MATH111-(1 of 2)-Ver1 and LMTC-OMT006-MATH112-(2 of 2)-Ver1.

7. Course materials must be submitted according to timelines below:

Considering the submissions of **new** courses for TAG matches, our goal is to work toward a timeline as follows:

Submit Course Material:	Start of Term 1
Faculty Panels Review Submitted Courses:	During Term 1
Approved course is effective:	Start of Term 2
Approved course is matched for transcript processing:	Term 3

A new match will have to be approved according to the timeframes below:

Course Approval Sample Timelines

#### Quarter Institutions

	Summer	Autumn	Winter	Spring
Course Material Submitted for Review	By 6/1	By 8/15	By 1/1	By 3/1
Faculty Panel Reviews Completed	By 8/1	By 12/31	By 2/28	By 5/31

#### Semester Institutions

	Summer	Autumn	Spring
Course Material Submitted for Review	By 6/1	By 8/15	By 1/1
Faculty Panel Reviews Completed	By 8/1	By 12/31	By 5/31

- Remember that all institutions are required to have at least one course match for each OAN in all TAGs for which they have corresponding programs.
- This form should be used for all submissions or resubmissions starting immediately.
- If you encounter problems or have questions, please contact any of the individuals listed below:

Jim Ginzer (614) 752-9486 [jginzer@regents.state.oh.us](mailto:jginzer@regents.state.oh.us)  
 Sam Stoddard (614) 752-9532 [sstoddard@regents.state.oh.us](mailto:sstoddard@regents.state.oh.us)  
 Brett Berliner (614) 466-2004 [bberliner@regents.state.oh.us](mailto:bberliner@regents.state.oh.us)