

SCIENCE DEPARTMENT MEETING MINUTES*

FRIDAY, OCTOBER 9, 2020

Location: Zoom Discipline Groups

A&P/HSC Discipline Group

FACULTY	PRESENT	ABSENT	EXCUSED
Anzalone, Jerry	X		
Fay, Erik	X		
Handte, Gordon	X		
Hepner, Roy	X		
Hooks, Ed	X		
Koepke, Jay	X		
Mason, Gregg	X		
Mera, Leonel	X		
Samaliazad, Esmaeel	X		
Vala, Teju	X		

ADJUNCT FACULTY

Ralph Laudan	X		
Theresa Clarke	X		

BIO/MICRO/NUTRITION Discipline Group

FACULTY	PRESENT	ABSENT	EXCUSED
Cameron, Angus			X
Donini, Jordan	X		
Gaidos, Gabriel	X		
Hermann, Lisa	X		
Ottman, Tina	X		
Romeo, Peggy	X		
Slisher, Jessica	X		
Trevino, Marcela	X		
Ulrich, Melanie	X		
Verga, Vera	X		
Mike Witty	X		

ADJUNCT FACULTY

Sandra Tirado	X		
Nina Infantado	X		

Judy Robinson	x
Nimmi Prabhu	x
Doriann Cowan	x
Helena Kashleva	x
Don McGarey	x

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x

CHEMISTRY Discipline Group

FACULTY	PRESENT	ABSENT	EXCUSED
Commendatore, Eric	x		
Gaidos, Gabe	x		
Hilton, Kim	x		
Liu, Qin	x		
Pasishnyk, Serhiy	x		
Xue, Di	x		
Zalessov, Valentin	x		

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ENVIRONMENTAL/OCEAN/EARTH SCI/GEO Discipline Group

FACULTY	PRESENT	ABSENT	EXCUSED
Cameron, Gus	x		
McKenzie, Jonathan	x		
Porter, Emily	x		
Sauer, Mike	x		

ADJUNCT FACULTY

Chad Evers	x		
Sara Dilling	x		
Sandra Tirado	x		

PHYSICS/ASTRONOMY Discipline Group

FACULTY	PRESENT	ABSENT	EXCUSED
Coman, Marius	x		
Coman, Luminita	x		
Manacheril, George	x		
Paudel, Yadab	x		
ADJUNCT FACULTY			
Judy Riley	x		

<i>Discussions</i>		
<i>No.</i>	<i>Topic</i>	<i>Highlights</i>
1.	<i>Break-outs into Discipline Meetings</i>	<p>For the October 9th meeting, disciplines within our department met separately to discuss textbooks. Each discipline group met via Zoom. Minutes for each group were submitted to Peggy Romeo for compilation into a single document to be uploaded onto the Document Manager.</p> <p>The minutes for each of the five discipline-group minutes are itemized in the following table.</p>
2.	<i>Next Meeting</i>	The next meeting will be a full Science Department meeting on November 13 th , 2020 @ 1:00.

Discipline Group Discussions

No.	Group	Highlights
1.	Physics/Astronomy Meeting was facilitated and minutes were prepared by <i>Marius Coman</i>	<p>Faculty discussed:</p> <ul style="list-style-type: none"> • Spring 2021 Textbook Selections – <i>updated list is included below.</i> • Fall 2021 Textbook Selections – <i>updated list is included below.</i> • Faculty discussed the OpenStax algebra-based physics textbook as an alternative for future terms... • Goals for next year – George added discussion topics to the ISC1001C course; its goal was to improve LO6 score... If improvements are noted the activity/discussion will be implemented in all other ISC1001C courses. • We will Re circulate/Re share the final commons for AST2002, PHY1007C, PHY2048 • Gen Ed Assessment – George and Marius already submitted the artifacts for the assessing Evaluate GenEd competency. • Faculty found a typo in the syllabus a conjunction "and" should be replaced with semicolon in PHY2053 LAB and PHY2048 LAB. Faculty decided there is no need to go through the curriculum just inform the person who uploads the templates in the document manager: • change FROM " Explain the relationship between work and energy and compare and contrast conservation laws for ideal systems with the non-conservative aspects of situations under laboratory conditions. " • TO " Explain the relationship between work and energy; Compare and contrast conservation laws for ideal systems with the non-conservative aspects of situations under laboratory conditions." <p>PHY 1020C: FUNDAMENTALS OF THE PHYSICAL WORLD</p> <p><i>Conceptual Physics, 12/e, Hewitt, ISBN: 9780321939777, PEARSON (Required)</i></p> <p>Laboratory Manual: <i>Activities, Experiments for Conceptual Physics, 12/e, (2014).</i> Hewitt, Baird, ISBN: 9780321940056, PEARSON</p> <p>(online only; no required materials)</p> <p><i>Is there a master course? Yes, George developed it.</i></p> <p>PHY 1007C: PHYSICS FOR THE HEALTH SCIENCES (2 required materials)</p> <p><i>Physics with Health Science Applications, 2/e (2017), Urone and Tremblay, ISBN: 9781524950620, KENDALL HUNT</i></p> <p><i>PHY 1007 Lab Manual (CUSTOM), Edition: N/A, FSW State College ISBN: 9781307093223, MCGRAW HILL CREATE</i></p>

		<p>(online only; no required Lab manual)</p> <p>PHY 2053: COLLEGE PHYSICS I (1 required material)</p> <p><i>College Physics PHY 2053, 10/e Serway,</i> ISBN: 9781305041417, CENGAGE</p> <p>(*remove (LLF) (Custom), go with standard EDITION)</p> <p>PHY 2053L: COLLEGE PHYSICS I LAB (no required materials)</p> <p>PHY 2048: GENERAL PHYSICS I</p> <p>PHY 2049: GENERAL PHYSICS II (1 required material)</p> <p><i>Fund of Physics: Extended Edition, 10/e, Halliday and Resnick</i> (eText with Wiley Plus), ISBN: 9781119500100, WILEY</p> <p>PHY 2048L: GENERAL PHYSICS I LAB</p> <p>PHY 2049L: GENERAL PHYSICS II LAB (no required materials)</p> <p>AST 2002C: ASTRONOMY ground only (1 required material)</p> <p><i>The Essential Cosmic Perspective, 7/e</i> (without Access Code), Bennett et al., ISBN: 9780321928085, PEARSON</p> <p>(online only; no required materials)</p> <p>ISC 1001C: FOUNDATIONS INTERDIS SCIENCE I</p> <p>Lee ground; 1 required material <i>Integrated Science, 7/e</i> (without Access Code), 2019, Tillery, ISBN: 9780077862602, MCGRAW HILL</p> <p>Collier ground; 2 required materials <i>Integrated Science, 7/e</i> (without Access Code), 2019, Tillery, ISBN: 9780077862602, MCGRAW HILL</p> <p><i>Lab Manual for Physical Science (CUSTOM)</i> Tillery, ISBN: 9781259601989, MCGRAW HILL online only; no required materials</p>
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Discipline Group Discussions

No.	Group	Highlights
2.	<p>Biology/Micro/Nutrition</p> <p>Meeting was facilitated, and minutes were prepared by <i>Marcela Trevino and Peggy Romeo</i></p>	<ol style="list-style-type: none"> 1. Reminder: Textbooks selections for Sp2021 were due 10/5/20. 2. Textbook Selections for Fall 2021: <ul style="list-style-type: none"> • Concern with Connect code which lasts for only one semester. Tina proposes a 12-month version. Likes McGraw-Hill virtual labs. Discussion on using eBook so that students will have code, but sections in which faculty do not want to use code will not be enforcing a code and won't have to use it. It's best to have one choice because FSW has to justify to the price difference between sections. • Issues with running Labster were brought up. • Adam Davis (FSW Auxiliary Services) and Brenda Case (Collier bookstore manager) explained about how the bookstore works. We generate revenue through contract with book reps. Supports initiatives for the college. Tries to match or at least compare with Amazon prices. Thinks OER resources can be of poor quality. • Send book reps to Adam Davis if special custom project because they are not always aware of the deals between the book reps and faculty. • DE student problems: DE students are getting wrong material but resolved with bookstore. They need the book with the code. • Peggy and Marcela developing an online OER BSC1010 course that may be ready for fall. Peggy trying to convert her online BSC1011 & BSC1005 to OER by fall. • Students can return codes and books to bookstore if not opened. Bookstore will work with returns for mistakes. Physical codes are being replaced with digital ones. • Can have super-code for a course so all students receive correct material for specific faculty requirements. • Jessica asked about markups: Cannot mark materials beyond 25%; digital cannot mark up more than 20%. • BSC1005 textbook adoption needs to be corrected to exclude Physiology chapters. • BSC1010 labs are on Canvas shell so there is nothing for students to purchase. Will need to let Andy know that for next semester, and next spring: No course requirements for BSC1010/11 ground labs. Labster required for BSC1010 asynchronous labs; Connect code required for Tina, Vera, Jordan Nina, Melanie Ulrich, and possible few more sections for synchronous online BSC1010L. 3. Reminder: Course supervisors need to submit course goals to Marius for next year. 4. Announcement: Courses/instructors that were selected to submit a GenEd assessment by 11/1/20. Peggy indicated they are only requested once a year, in the fall.

		<p>5. Announcement: Vera announced that the Microbiology course change envisioned for the Nursing Program was canceled.</p> <p>6. Announcement: Don indicated we should verify that our Spring schedule is correct; the schedules for summer and fall will be due around the 3rd week of February.</p>
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Discipline Group Discussions

No.	Group	Highlights
3.	<p>Environ/Ocean/Earth Science/Geology</p> <p>Meeting was facilitated, and minutes were prepared by <i>Jon McKenzie</i></p>	<ol style="list-style-type: none"> 1. Textbooks: No need to change books in Spring or Fall 2021 2. OER Resources: We've looked at Open Resources in the past and continue to look at available options but are not comfortable switching to any for our courses at this time. 3. Gen Ed Assessment: No one in attendance was selected 4. Discussion: the need to update the current EVR online presentations. Jon will contact course development, and everyone agreed to help get the content ready. 5. Proctorio Issues: Emily asked for input related to any Proctorio issues they may be having, no major issues reported, Mike sent an article for helping students use their phone as a webcam. 6. Reminder: Next meeting will be department wide.

Discipline Group Discussions

No.	Group	Highlights
4.	<p>Chemistry</p> <p>Meeting was facilitated, and minutes were prepared, by <i>Eric Commendatore</i></p>	<ol style="list-style-type: none"> 1. The textbooks for next semester have not changed from the current list. A few professors are looking into other alternatives for the future, but nothing confirmed. 2. The goals are unchanged from the previous iterations at this time. 3. The professors who have been tapped for the assessment assignments have been notified and are actively working on those items.

Discipline Group Discussions

No.	Group	Highlights
5.	A&P/HSC Meeting was facilitated, and minutes were prepared by <i>Leo Mera</i>	<ol style="list-style-type: none"> 1. Spring 2021 Textbook Selections: We will be keeping the 15th edition for Spring 2021 2. Fall 2021 Textbook Selections: We decided on going with the 16th edition of the Tortora textbook for Fall 2021 3. Gen Ed Assessment: Teju Vala and Ralph Laudan were randomly selected for the Gen Ed Assessment 4. GOALS FOR NEXT YEAR: Still trying to adapt to teaching online, dealing with Proctorio, external webcam issues, student complaints. 5. Adjunct Faculty Hiring: A&P faculty wants to have input in the hiring and firing adjunct faculty.

**Minutes edited, collated, and recorded by Dr. Peggy Romeo*