

SCIENCE DEPARTMENT MEETING MINUTES*

FRIDAY, APRIL 9, 2021

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	
Hermann, Henry		x	
Hooks, Ed	x		
Koepke, Jay	x		
Mason, Gregg	x		
Mera, Leonel	x		
Samaliazad, Esmaeel	x		
Vala, Teju	x		

ADJUNCT FACULTY

Ralph Laudan	x		
Vincent Lumetta	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

Helena Kashleva	x		
Nina Infantado	x		

Ralph Laudan	x
Ann Mantell	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		

--	--

ENVIRONMENTAL/OCEAN/EARTH SCI/GEO Discipline Group

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

ADJUNCT FACULTY

Chad Evers	x
------------	---

--	--

PHYSICS/ASTRONOMY Discipline Group

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

ADJUNCT FACULTY

<i>Discussions</i>		
<i>No.</i>	<i>Topic</i>	<i>Highlights</i>
1.	<i>Breakouts into Discipline Meetings</i>	<p>For the April 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, Department Chair, 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>	<p>This was the final meeting for the Spring 2021 semester. The next meeting will be a full Science Department meeting during the August 2021 Professional Development days.</p>

Discipline Group Discussions

No.	Group	Highlights
1.	Physics/Astronomy Meeting was facilitated and minutes were prepared by <i>Marius Coman</i>	<p>ISC1001C: the group reviewed the assessment report. SLO 1 – Measurement, low score. George will share the activity designed to improve the score. Luminita suggested a 2-dimensional picture might help, analogue to the one converting volumes from cm^3 to cubic decimeters.</p> <p>PHY2048: the group reviewed the assessment report; The low -33% - score on Question 14 mapped to SLO 8, was discussed. Group decided the question should not be modified. The way Q14 is phrased is such that an additional inference about unit conversion should be made to properly answer it. Group decided to keep it as a 2-step problem.</p> <p>Reminder: PHY2049 common final is administered in the Spring semesters, PHY2048 in the Fall semesters. Longitudinal studies/comparisons are from Fall to Fall and Spring to Spring.</p>

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>	<p>Goals & Assessment for AY 2021/2022: Faculty reviewed assessment data collected from Fall 2020 Common Final results. Due to using various online modalities which was new to many faculty, we had decided not to administer the common final for most courses due to the possibility of compromising the final. After reviewing the goals from last year, faculty decided to continue with the same goals for BSC1010, continue with the same goal for MCB2021C but with modifications, and alter goals for BSC1011, BSC1005, and HUN1201. The assessment goals set for all bio/micro/nutrition courses for next year are listed below.</p> <ul style="list-style-type: none"> • BSC1010: The Spring 2021 assessment data did not sufficiently represent the entire course because, due to alternative teaching modalities, very few courses used the Common Final. Faculty decided to continue with last year’s goal of rolling over the goals of continuing with the current version of the Common Final exam. • BSC1011: Faculty will design a Pre/Post assessment which will target three or four Course Learning Outcomes. • BSC1005: Faculty will design a Pre/Post assessment which will target three or four Course Learning Outcomes. • HUN1201: Faculty will design a Pre/Post assessment which will target three or four Course Learning Outcomes. • MCB2010C: The Spring 2021 assessment data did not sufficiently represent the entire course because, due to alternative teaching modalities, very few courses used the Common Final. Faculty decided to continue with last year’s goal of rolling over the goals of continuing with the current version of the Common Final exam in Face-2-Face ground courses only, but create a special assessment which will be used for all teaching modalities to assess Learning Outcome 12 since it is a newly added objective. <p>New Faculty Search Committee Update: Faculty reviewed the request from FSW Advising and decided to change the names of three of our courses to align more closely with FGCU.</p> <ul style="list-style-type: none"> • A&P Position on HG: This committee will consist of Jay Koepke (Committee Chair), Melanie Ulrich, Erik Fay, and Esmaeel Samaliazad. • Biology Position on Charlotte: This committee will consist of Peggy Romeo (Committee Chair), Marcela Trevino, George Manacheril, and Gus Cameron. <p>Saying goodbye to retiring faculty: Faculty recognized upcoming retirement of Marcela Trevino, Lisa Hermann, and Henry Hermann.</p> <p>The meeting was adjourned at 2:07 pm.</p>

--	--	--

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>	<p>Goals/Actions/Course Assessment Tool:</p> <p>Goals/Actions in September 2020 were to use the newly created assessment for EVR. Due to COVID only 1 ground course was assessed, data was not enough to determine effectiveness. Test will be given to more courses this spring. Alternative assessments were discussed to ensure online classes as included in the future.</p> <p>ESC Assessment tool will be created this summer/fall.</p> <p>Other Business:</p> <p>Revamp of EVR objectives is coming along and should be finished by the end of the semester. We will use these objectives to align assignments across both ground and online classes. ESC is undergoing a similar albeit smaller refresh.</p> <p>Living Oceans online can no longer be taught in its current form. Flash and Presentation issues require this course to be completely refreshed. OCE may have another year before a similar refresh is needed. Discussed importance of bringing the new marine science to online.</p>

Discipline Group Discussions

No.	Group	Highlights
4.	<p>Chemistry</p> <p>Meeting was facilitated, and minutes were prepared, by <i>Eric Commendatore</i></p>	<p>Common Finals: Faculty used the meeting time to review questions on the common final exams.</p>

Discipline Group Discussions

No.	Group	Highlights
5.	<p>A&P/HSC Meeting was facilitated, and minutes were prepared by <i>Leo Mera</i></p>	<p>Withdrawal rate for Spring 2021: Students are withdrawing from both A&P 1 and 2 at higher rates than previous terms. The pandemic.</p> <p>Office space for adjuncts in building A: The adjunct faculty present at the meeting expressed concern over the need for a faculty office with access to computers and printers in building A. The closest faculty office we have is in building H, which makes it very inconvenient for adjuncts teaching in buildings A and AA.</p> <p>Technical issues in A-204, A-206, AA-161:</p> <ul style="list-style-type: none"> • Computers are very slow and outdated. It takes too much time to start any of these desktops. • Podiums in A-204 and A-206 are blocking the view of screen/board, we suggest facilities remove them and replace them with rolling tables with wheels like the one on AA-161 • We also have issues with the position of the screens in relation to the whiteboards. Once the screen is pulled down, there's not much whiteboard to work with. • The screen mechanism is not working properly in one of the rooms. <p>Common final results from Fall 2020: We only had results for the common final for A&P 1 from Dr. Hepner. Because of the pandemic and the fact there were a lot of online, live online and hybrid classes, the common final exams were not administered across the board. The results are consistent with previous terms with a balance between easier questions versus more difficult ones.</p> <p>Common final -- Matching questions with course outcomes: As per Joseph F. van Gaalen, we need to provide his office with a document showing a match between the questions on the common final exams and courses outcomes. Dr. Anzalone is working with Dr. van Gaalen and will provide such documentation.</p> <p>Academic dishonesty: We also spoke about issues with academic dishonesty and concluded that any student who is caught cheating must be reported to the Dean of Students, and if such student is not expelled from FSW, he/she must be flagged so other faculty members are aware of this student's behavior.</p>

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