

## SCIENCE DEPARTMENT MEETING MINUTES\*

FRIDAY, FEBRUARY 12, 2021

Location: Zoom Discipline Groups

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### 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			

#### ADJUNCT FACULTY

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### 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

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Sandra Tirado	x		
Nina Infantado	x		

Judy Robinson	x
Nimmi Prabhu	x
Vincent Lumetta	x
Helena Kashleva	x
Don McGarey	x

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***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
Sandra Tirado	x

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***PHYSICS/ASTRONOMY Discipline Group***

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

ADJUNCT FACULTY

<b><i>Discussions</i></b>		
<b><i>No.</i></b>	<b><i>Topic</i></b>	<b><i>Highlights</i></b>
<b>1.</b>	<b><i>Break-outs into Discipline Meetings</i></b>	<p>For the <b>February 12<sup>th</sup></b> 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>
<b>2.</b>	<b><i>Next Meeting</i></b>	The next meeting will be a full Science Department meeting on March 12 <sup>th</sup> , 2021 @ 1:00.

## Discipline Group Discussions

No.	Group	Highlights
1.	<p><b>Physics/Astronomy</b> Meeting was facilitated and minutes were prepared by <i>Marius Coman</i></p>	<p><b>Gen Ed course competencies:</b> Faculty discussed whether adding a supplemental would have an impact to the physics/ISC/astronomy courses. A decision was that the evaluate competency suffices and it does apply to every assignment</p> <p><b>Alternative Assessment Strategies:</b> George mentioned we went from pre-post test to a common final in our courses. Faculty decided this strategy works OK for assessment and no other strategy-common homework/assignment- would be a better fit.</p> <p><b>Some other topics discussed:</b></p> <ul style="list-style-type: none"> <li>• Yadab works on developing the master course for PHY2053</li> <li>• George mentioned we currently have master courses for PHY1020C and for AST2002C</li> <li>• Luminita mentioned that the ISC1001 George shared is well organized</li> </ul>

## Discipline Group Discussions

No.	Group	Highlights
2.	<p><b>Biology/Micro/Nutrition</b></p> <p>Meeting was facilitated, and minutes were prepared by <i>Marcela Trevino and Peggy Romeo</i></p>	<p><b>1. Course Competencies:</b> of the 8 Gen Ed Competencies represented by the acronym <b>C•R•E•A•T•I•V•E</b>, the biology/micro/nutrition faculty identified only four, <b>COMMUNICATE, RESEARCH, EVALUATE, &amp; ENGAGE, applicable to our courses.</b></p> <p>As a group we reviewed all syllabi for our discipline and decided on changes in Gen Ed Competencies that need to be made based on the literal interpretation set forth by the initial Gen Ed committee. Additional revisions will be necessary to reassign course LOs to each competency, to correct some typos, and to ensure the subsections are complete (parts A and B, and parts 1 and 2). Peggy and Don will meet to work on these changes.</p> <ul style="list-style-type: none"> <li>• <b>BSC1005:</b> Change THINK to COMMUNICATE; keep ENGAGE</li> <li>• <b>BSC1005L:</b> No changes needed for Gen Ed Competencies</li> <li>• <b>BSC1010:</b> Change THINK to COMMUNICATE; keep EVALUATE</li> <li>• <b>BSC1010L:</b> No changes needed for Gen Ed Competencies</li> <li>• <b>BSC1011:</b> Change THINK to ENGAGE; keep COMMUNICATE</li> <li>• <b>BSC1010L:</b> Change INVESTIGATE to COMMUNICATE</li> <li>• <b>MCB2010C:</b> No changes needed for Gen Ed Competencies</li> <li>• <b>HUN1201:</b> Keep EVALUATE; add #2 COMMUNICATE</li> </ul> <p><b>2. Alternative Assessment Ideas (Joe Van Gaalen):</b> Faculty reviewed Dr. Joe Van Gaalen’s PowerPoint outlining alternative ideas for assessment. As a group, we decided to pilot assessment strategies for three of our courses.</p> <ul style="list-style-type: none"> <li>• <b>BSC1011:</b> Faculty will design a Pre/Post assessment which will target three or four Course Learning Outcomes</li> <li>• <b>BSC1005:</b> Faculty will design a Pre/Post assessment which will target three or four Course Learning Outcomes</li> <li>• <b>HUN1201:</b> Faculty will design a Pre/Post assessment which will target three or four Course Learning Outcomes</li> </ul> <p><b>3. Course naming system:</b> 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"> <li>• <b>BSC1005/L:</b> Change name to “Survey of Biology”</li> <li>• <b>BSC1010/L:</b> Change name to “General Biology 1”</li> <li>• <b>BSC1011/L:</b> Change name to “General Biology 2”</li> </ul>

		<p>4. <b>Finalize Goals (set during September 2020 meeting) &amp; Set Action Plan:</b> This item is tabled until our April meeting in order to have time to obtain assessment data from Fall 2020.</p> <p>5. <b>Don't forget Form 1 is due today – send it to Don:</b> Faculty were reminded that Evaluation Form 1 is due to be submitted to the dean by the end of the working day. Don indicated that Portfolium was having some glitches, which may already have been fixed.</p> <p><b>Other topics and announcements:</b></p> <p><b>Answer Key for BSC1010 Labs?</b> Nina Infantado had been approached by adjunct faculty asking for an answer key for the BSC1010 labs. Faculty discussed the request and came up with a couple options to consider.</p> <ul style="list-style-type: none"><li>• When we are back to a more normal schedule with more ground courses, perhaps a solution is to offer a one-credit stipend or reassigned time to a faculty member to act as a lab coordinator and mentor the adjuncts</li><li>• Adjuncts can be invited to “shadow” a faculty member who is experienced teaching BSC1010 labs</li></ul> <p><b>Summer 2021 &amp; Fall 2021 Schedule:</b> Don McGarey announced that due to the slow rates of vaccinations in Florida, schedules will follow a similar pattern for all teaching modalities through the fall semester. Peggy Romeo announced that Dr. DeLuca will hold townhall type meetings the first week of March to address concerns and answer questions pertaining to the fall schedule.</p> <p><b>Online Office Hours:</b> Peggy Romeo announced that Dr. DeLuca agreed to extend the MOU for all faculty to be able to hold Zoom office hours through the Fall 2020 semester.</p> <p><b>Textbook materials for DE students:</b> Tina indicated there is still an issue where DE students are not receiving their textbooks on time, even if it simply requires that an access code gets sent to them by email.</p> <p><b>Subs for DE Faculty teaching in high schools:</b> We discussed the fact that we do not know the correct procedure for replacing or finding substitutes for DE Faculty who are teaching in the high schools. Peggy Romeo will email Amanda Sterk to find out.</p> <p><b>Meeting was adjourned at 3:37 pm.</b></p>
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## Discipline Group Discussions

No.	Group	Highlights
3.	<p><b>Environ/Ocean/ Earth Science/ Geology</b></p> <p>Meeting was facilitated, and minutes were prepared by <i>Jon McKenzie</i></p>	<p><b>Common assessment Tools:</b> Agreed that a new assessment needs created to include online classes that minimizes risk of cheating. Discussed creation of pre/post assessment.</p> <p><b>Finalize Goals:</b> EVR goals were to give/assess common final, waiting on spring results. ESC goals were to develop a common assessment, Jon and Mike are working on this.</p> <p><b>Course Naming:</b> Is not relevant to our courses.</p> <p><b>Discussed</b> the need to update the current EVR online presentations dependent on whether there is a new book coming or already out. We have received a 7<sup>th</sup> edition but does not appear to be the Essential environment book we currently use.</p> <p><b>Reminded</b> everyone to turn in their evaluation forms.</p> <p><b>Reminded</b> everyone that the next meeting will be department wide.</p>

## Discipline Group Discussions

No.	Group	Highlights
4.	<p><b>Chemistry</b> Meeting was facilitated, and minutes were prepared, by <i>Eric Commendatore</i></p>	<p><b>Assessment Alternatives:</b> We discussed the implementation of the common final for this semester. CC'ed to this email is Dr. Van Gaalen. We wanted to know if we could submit in-class hard copies (same as before) of our common final as well as an online version if the questions were unchanged? By unchanged we mean in wording, answers, and numbering on the exam. If it is possible then we wish to implement that strategy for this semester. We would also like to know what tips or advice you have to make the process as easy for your department.</p> <p>As for next Fall, with a new professor entering we thought it best to table the discussion of adoptions outside of the common final until we each have time to think about a strategy as individuals. Then as a department discuss any adoptions that one or more would like to try. As such, the members were given the attachments from the email that you sent us from Peggy. This way each professor can read through and consider alterations as it best fits their class.</p> <p>We have decided for the common final to have rough drafts done by the end of the month. These drafts will be done by the course coordinators and submitted to the rest of the professors so that they are able to be reviewed for comments, questions, and/or concerns.</p> <p><b>Course Competencies:</b> We briefly discussed the CREATIVE doc and the course renaming. For the CREATIVE doc, we touched on it and sent the document to each professor so they can read each point with more detail.</p> <p><b>Course Renaming:</b> As for the renaming one it seems that is was related to A&amp;P or micro/bio courses. I suggested that I didn't think it was too relevant to us as a chemistry department, but that I would send the document to them so they can make that determination for themselves.</p>



## Discipline Group Discussions

No.	Group	Highlights
5.	<p><b>A&amp;P/HSC</b> Meeting was facilitated, and minutes were prepared by <i>Leo Mera</i></p>	<p><b>Course Competencies:</b> Courses meet all competencies</p> <p><b>Alternative Assessment ideas:</b> Everything stays the same</p> <p><b>Goals:</b> We noted much variety in grade distributions among faculty; we will invite Dr. Martin McClinton and Dr. Don McGarey to our next meeting to better express our concerns about this problem.</p> <p><b>Concerns over nursing school requirements:</b> Even though we don't have a say on Nursing school decisions, we are concern because we were told they are not requiring students to take the Tease exam anymore, that students are only required to take an English/Math exam. This in the long run will severely compromise the quality of nursing graduates as well as their performance on the NCLEX.</p> <p>We talked about the Biology class pre-requisite and how the lack of Bio class is affecting the outcome of our classes.</p> <p><b>Course naming system:</b> Nothing to change</p> <p><b>Charlotte Campus meeting minutes included below:</b></p>

		<p>Charlotte Campus meeting minutes</p> <p><b>COMMITTEE:</b> Charlotte Anatomy &amp; Physiology  <b>MEETING DATE:</b> February 11, 2021, 1 - 2 PM  <b>PERSON PRESIDING:</b> Dr. Gerald Anzalone  <b>REGULAR MEMBERS IN ATTENDANCE:</b> Dr. Gregg Mason, Dr. Ralph Laudan</p> <p><b>Agenda Items:</b> Asynchronous online, blended, and traditional (face-to-face) course platforms for Spring 2021 semester</p> <p><b>Discussion:</b> Approximately 15% of the asynchronous online students have not passed the required remotely proctored practice exam. Approximately 30% of the asynchronous online students complete assignments on time. The grade distribution among the asynchronous online students is lower this semester than in previous semesters. Students in the blended and traditional course platforms are performing better and report greater satisfaction with in-person labs than with online labs. Some out-of-state colleges and universities are not accepting transfer credits for A&amp;P courses with virtual labs. Most of the science faculty teaching summer courses will remain online across all FSW campuses. The administration has not yet released a plan regarding fall course platforms.</p> <p><b>Agenda Item:</b> Implementation of the Visible Body courseware and digital anatomy resources</p> <p><b>Discussion:</b> All three instructors are actively using the Visible Body. The lab manuals are lengthy and contain "busywork." Instructors prefer using the Visible Body for the anatomy apps, quizzes, and animations.</p> <p><b>Agenda Item:</b> Lab materials</p> <p><b>Discussion:</b> Dr. Laudan received the mitosis histology slides for microscopy and a desktop camera for live lab demonstrations. Dr. Anzalone has received the synthetic urine and blood for lab activities. We received several disarticulated bone collections. The lab manager will order protective goggles so that we can use an ultraviolet light to sanitize the anatomy models after students handle them. Dr. Mason's labs are virtual for his A&amp;P II courses.</p> <p><b>NEXT MEETING:</b> March 2021  <b>ITEMS TO BE DISCUSSED:</b> TBA</p>
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*\*Minutes edited, collated, and recorded by Dr. Peggy Romeo*