



SCIENCE DEPARTMENT MEETING MINUTES*

FRIDAY, OCTOBER 8, 2021

FACULTY	PRESENT	ABSENT	EXCUSED
Anzalone, Gerald	X		
Cameron, Angus	X		
Coman, Luminita	X		
Coman, Marius	X		
Commendatore, Eric	X		
Donini, Jordan	X		
Gaidos, Gabriel	X		
Handte, Gordon	X		
Hilton, Kim	X		
Hooks, Ed		X	
Koepke, Jay	X		
Liu, Qin	X		
Lydon, Christina	X		
Manacheril, George	X		
Mason, Gregg	X		
McKenzie, Jonathan	X		
Mera, Leonel	X		
Nittis, Thalia	X		
Ottman, Tina	X		
Pasishnyk, Serhiy	X		
Paudel, Yadab	X		
Porter, Emily	X		
Robinson, Judy			X
Romeo, Peggy	X		
Samaliazad, Esmaeel	X		
Sauer, Mike	X		
Slisher, Jessica	X		
Tirado, Sandra	X		
Ulrich, Melanie	X		
Vala, Teju	X		
Verga, Vera	X		
Witty, Mike	X		
Xue, Di	X		
Zalessov, Valentin	X		

ADJUNCT FACULTY/Guests

Helena Kashleva	X		
Nina Lichvarik	X		
Megan Dearden	X		
Nina Infantado	X		

<i>Discussions</i>		
<i>No.</i>	<i>Topic</i>	<i>Highlights</i>
1.	<i>Logging in and Signing into Chat</i>	The meeting began at 1:00 via Zoom and was facilitated by Peggy Romeo, the Science Department Chair. Faculty used the chat platform as a sign in area.
2.	<i>Scheduling for Spring 2022</i>	Spring 2022 faculty schedules are available on the portal. Faculty are encouraged to check the schedule for errors. Any corrections or changes need to be sent to Dr. McClinton soon; changes will be more difficult once students begin enrolling in classes around mid-October.
3.	<i>SPAS Webpage</i>	<p>Dr McClinton requested faculty brainstorm to supply information for two items on our SPAS webpage.</p> <ul style="list-style-type: none"> • 10 reasons to take science courses • 10 types of job opportunities with science degrees (SW FL) <p>Faculty came up with several suggestions; Peggy Romeo will forward all suggestions to Dr. McClinton.</p>
4.	<i>SACSCOC Visit Preparations</i>	<p>Faculty were reminded to be aware of the SACSCOC visit October 11-14. Emphasis will be on the</p> <ul style="list-style-type: none"> • the QEP, • the Strategic Plan, • and Dual Enrollment. <p>Faculty participated in a trivia poll to self-reflect on their knowledge of the three areas.</p>
5.	<i>Assessment Announcement</i>	Marius Coman, Science Assessment Coordinator, reminded everyone that the Spring 2021 Common Assessment results have been posted on the Canvas Assessment site. All assessment/goals from today's discipline meetings need to be sent directly to Marius.
6.	<i>eLearning Announcement</i>	Mike Sauer announced that the eLearning coordinators are requesting faculty to volunteer their online courses for review. The Quality Matters review will focus on suggestions to help faculty improve the course.
7.	<i>Discipline Breakout Sessions</i>	<p>Discipline Breakout Sessions:</p> <ul style="list-style-type: none"> • evaluate goals from last spring • examine assessment results from Common Finals • Decide which faculty/sections will administer Common Finals for Fall 2021

8.	Next Department Meeting	The meeting adjourned @ 2:00 and was followed by a breakout into disciplines. The next meeting, scheduled for November 12, @ 1:00 via Zoom.
9.	Discipline Meeting Minutes	<p>CHEMISTRY* Present: Kim Hilton, Di Xue, Qin Liu, Christina Lydon, Serhiy Pasishnyk, Valentin Zalessov, Gabe Gaidos, Eric Commendatore</p> <p>Discussion: All the above were in attendance, either during the scheduled time or later in the day via phone conversation.</p> <ul style="list-style-type: none"> • We have elected to begin our meetings at 10am as a means of clearing up our Fridays a bit. • There was a fair bit of discussion about common finals, and I would ask that the course supervisors upload their versions (attached as a thread to this email) of the exam prior to the next meeting. • There was a bit of dialogue about disability accommodations and information about who to contact in those events was given during the meeting. • As for the goal setting that was meant to be addressed, but was not given ahead of time: <ul style="list-style-type: none"> ○ Based on our last meeting about goal setting (during pandemic) - most goals were related to getting everyone through the pandemic ○ online courses, training and other modes were discussed. ○ I have attached those minutes (which I did not take) to this email • We have not had sufficient time to think about what our collective goals would be, and I would ask that we have a discussion during our next meeting. This would give everyone the time to think of ideas and discuss in a more cohesive manner. <p><i>*Submitted by Eric Commendatore</i></p> <hr/> <p>BIOLOGY* Present: Peggy Romeo, Tina Ottman, Jordan Donini, Vera Verga, Melanie Ulrich, Mike Witty, Gus Cameron, Thalia Nittis, Nina Infantado, Jessica Slisher, Gabe Gaidos, Helena Kashleva, Nina Lichvarik, Sandra Tirado</p> <p>Discussion: Faculty reviewed assessment data collected from Spring 2021 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 MCB2010C and HUN1201, but for BSC1010, BSC1011, and BSC1005, we just submitted revised Course Learning Outcomes which will go into effect Fall 2022. For these three courses, we will have alternative common assessments ready to be initiated Fall 2022.</p> <p>Next year goals for the individual courses are:</p> <ul style="list-style-type: none"> • BSC1005: Just submitted syllabus change for new LO's so need to wait until Fall 2022 to initiate plan! By the end of Spring 2022 we will create a Common Assessment that targets two or three Course LO's.

		<p>Sandra, Peggy, Thalia, Jordan, ... Possibly for Spring 2022 (Maybe Photosynthesis/ respiration discussion/Climate change)</p> <ul style="list-style-type: none"> • BSC1010: Just submitted syllabus change for new LO's so need to wait until Fall 2022 to initiate plan! This Fall 2021 we'll be using the current Common Final again. All ground courses plus Jessica Slisher and Nina Infantado's online courses will also be using the Common Final. <p>By the end of Spring 2022 we will decide on an alternative assessment, most likely targeting three or four Course LO's.</p> <ul style="list-style-type: none"> • BSC1011: Just submitted syllabus change for new LO's so need to wait until Fall 2022 to initiate plan! This Fall 2021 we'll be using the current Common Final again. By the end of Spring 2022 we will decide on an alternative assessment, most likely targeting two or three or four Course LO's. <p>Tina is using two currently for assessment so those two are a good start! Have ready next spring to initiate by Fall 2022. Most likely evidence for evolution will be our first LO assessment.</p> <ul style="list-style-type: none"> • HUN1201: Faculty will design a Pre/Post assessment which will target three or four Course Learning Outcomes. In progress; a Common final will be ready for Spring 2022. • MCB2010C: Spring 2021 didn't have enough data since only one ground course used the Common Final. Several ground courses are now running for Fall 2021, so we can use the data from this semester plus next Spring 2022. Due to fear of having our exam compromised, our online sessions will continue to give alternate final assessments. <p>We invited two book reps, Ashley Gravelle and Marlene Scher, from McGraw Hill to examine the possibility of using the Follett Access Program to both save students money and help with the problem of Dual Enrollment students not having access to textbooks the first day of classes. Faculty decided a few glitches need ironed out before considering the switch to the program. The book reps will look into new possibilities and meet with us later in the semester.</p> <p><i>*Submitted by Peggy Romeo</i></p> <hr/> <p>PHYSICS* Present: Marius Coman, Yadab Paudel, George Manacheril, Luminita Coman</p> <p>The group discussed the Spring 2021 assessment results</p> <p>ISC1001C Spring 2021 Assessment Report: SLO 10 is the lowest performing outcome in all but two terms. The question will be rephrased. Luminita sent some suggestions.</p> <p>Goals set: ISC1001C: Fall 2022-Spring 2023 more questions will be added to the final common. No of questions will be modified from 20 to 25. ISC1001C: LO will be re-mapped to questions.</p> <p>PHY2049: LO 5 exhibits the lowest (41%). LO 5 - Recognize and investigate the relationship between temperature and electrical resistance, and between electric</p>
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potential and electric current; interpret and evaluate the nature of these relationships. The question will be kept as intended.

**Submitted by Marius Coman*

A&P*

Present: Leo Mera, Jerry Anzalone, Gordon Handte, Esmaeel Samaliazad, Gregg Mason, Jay Koepke, Ed Hooks, Teju Vala

Topic	Highlights
Group therapy	We discussed the difficulties we all have been facing this term with Proctorio, cheating, schedules, etc.
Course assessment and goals	We are currently working with Dr. Joseph van Gaalen to redesign our common finals. We all concurred on making it shorter and at the same time use questions that are better indicators of the objectives of each course. These changes would become effective Fall 2022
Curriculum changes	We are in the process of working with the curriculum committee to make some corrections to our A&P 1 syllabus: the current document is missing information.
Common finals Fall 2021	We are currently working with Dr. Joseph van Gaalen to redesign our common finals. We all concurred on making it shorter and at the same time use questions that are better indicators of the objectives of each course. These changes would become effective Fall 2022
Charlotte Science Committee meeting October 7, 4-5 PM	<p>1. Dr. McClinton approved change of committee name from the Charlotte A&P Committee to the Charlotte Science Committee meeting. We will open the committee to other members of the Charlotte campus faculty of the School of Pure and Applied Sciences (e.g., Professor Judy Robinson, now full-time professor of biology and Dr. Christina Lydon, full-time professor of chemistry).</p> <p>2. Dr. Anzalone, Dr. Mason, Dr. Manacheril (Physics), and Professor Robinson participated in the candidate interviews for the lab manager search. Dr. McClinton appointed Dr. Rath to be the chairperson. Dr. Rath reported that the hiring process for the candidate recommended by the committee is moving along.</p> <p>3. Some students are not completing assignments or not completing assignments on time. Some students have low test grades. Chemistry and physiology are topics that traditionally cause problems for students with inadequate backgrounds. Professors are submitting Early Alert Forms for at-risk students.</p> <p>4. Proctorio is causing technical problems for online testing requirements, including inaccessible recordings and poor audio quality. Academic advisors should emphasize when a course used Proctorio and how important it is to use the external camera correctly and as required by the college.</p> <p>5. Some students are receiving questionable academic advising. Examples: being told to take multiple</p>

			<p>challenging courses with A&P (microbiology and statistics),</p> <p>6. Dr. Anzalone & Dr. Laudan rearranged the seating and tables for students in the anatomy lab for more efficient use of space.</p> <p>7. Dr. Anzalone inventoried and organized the osteology specimens.</p> <p>8. The following new lab items have been added: Ishihara color blind books for testing cranial nerve II, 512 Hz and 128 Hz tuning forks for testing cranial nerve VIII, reflex hammers for testing deep tendon reflexes, sagittal head and neck models, and desktop lung models with pathology cards.</p>
<p><i>*Submitted by Leo Mera</i></p> <hr/> <p>Environ/Marine/Earth* Present: Sandra Tirado, Emily Porter, Jon McKenzie, Mike Sauer, Gus Cameron, Martin McClinton</p> <p>Discussion: EVR Assessment from Marius. Decided more data was needed as only 3 classes were in the data set from Spring 2020.</p> <p>2021 Course Goals:</p> <ul style="list-style-type: none"> • Rewrite Online EVR - Completed • Evaluate ESC Online Changes - Completed • Assess EVR Common Final – In Progress • Develop ESC Common Final – In Progress <p>Goals for 2022:</p> <ul style="list-style-type: none"> • Discussed new assessment possibilities, we are going to investigate pre and post assignments for all courses. • Discussed EVR online rewrite and how it’s going as Sandra finished her mini-A and she provided some insight on how the course went and what small changes need made. <p><i>*Submitted by Jon McKenzie</i></p>			

**Minutes recorded & submitted by Dr. Peggy Romeo*