Date: Friday, January 26, 2018
Time: 10 a.m. to 2 p.m.
Location: University of Central Florida
University Tower, 12201 Research Parkway, Orlando, FL 32826
Room 211

Agenda

I. Welcome and Introductions

II. Review Past Meeting Minutes

III. Follow-up on action items
   - UCF samples of final exams – Eduardo Mucciolo
   - CA Tests and Exams Site - Access
   - Identify agenda/discussion items relevant to high school teachers for future discussions
   - ADA compliance resource Google doc
   - Sharing Physics CA resources/discussions with faculty

IV. Course Assessment & Review Learning Outcomes
   - PHYX048, PHYX049, PHYX053 and PHYX054

V. Lunch Break – 12:00pm (lunch will be provided)

VI. Next Steps for Physics CA

VII. Curriculum Alignment Conference – Friday, March 2, 2018

VIII. Set Fall Meeting Date and Identify Host

IX. Adjourn
Minutes

Date: Friday, January 26, 2018  
Time: 10 a.m. to 2 p.m.  
Location: UCF, Research Park, University Tower, Room 211

Meeting began at 10:06 a.m.

ATTENDEES
Victor Bondzie, Valencia College; Emilie Bottorff, UCF; Thomas Brueckner, UCF; Zhongzhou Chen, UCF; Jackie Chini, UCF; Josh Colwell, UCF; Enrique del Barco, UCF; Teresa Dorman, UCF; Pat Ferguson, Seminole State College; Jimmy Gamez, Eastern Florida State College; Hannah Jenkins, Valencia College; Bill Kaden, UCF; Eduardo Mucciolo, UCF; Harrison Oonge, UCF; Brenda Skoczelas, Lake-Sumter State College; Tim Werhner, Seminole State College

WELCOME & INTRODUCTIONS
Teresa Dorman welcomed everyone and asked each person to introduce himself or herself.

REVIEW PAST MEETING MINUTES
The minutes from the October 20, 2017 meeting were reviewed. A motion was made by Eduardo Mucciolo to approve the meeting minutes and was seconded by Pat Ferguson. The minutes were approved unanimously.

Pat Ferguson noted from previous conversations the idea of having meetings between Physics, Engineering and Mathematics faculty outside of the annual Curriculum Alignment (CA) conference. The group decided that the spring 2019 Physics Curriculum Alignment meeting would be utilized as meeting for the cross-discipline conversation.

FOLLOW-UP ON ACTION ITEMS
UCF SAMPLE EXAMS
Eduardo Mucciolo stated that UCF’s Physics exams are currently not aligned. An internal alignment effort is currently underway to align the exams for PHY2048 and PHY2053 and is slated for completion at the end of spring 2018. Eduardo will report back to the group in fall 2018 on the results of the alignment.

Zhongzhou Chen is currently developing a process of coding learning objectives and connecting them to exam questions. This process will help to determine what topics should be covered in the course and what the learning outcomes of the course are. Teresa Dorman emphasized the importance of internal alignment and stated that UCF is beginning to focus and strengthen its internal alignment.

The topic of student readiness was discussed and several participants offered comments:
- Courses/topics only covered in Physics major pathway.
- Videotape some lectures and share the recordings with the partner state colleges.
- Strongly recommended incoming DirectConnect students to take non-credit developmental courses.
- Strong focus on Engineering majors in Physics courses.
- Align courses as they relate to the MCAT
PERFORMANCE DATA
Teresa Dorman reviewed the most recent Physics course sequence data analysis for PHYX048, PHYX049, PHYX053 and PHYX054.

Bill Kaden mentioned that he is currently developing a doc for transfer students that outlines a Physics major pathway. Bill also asked if standard deviation of GPA could be added to the data report. Teresa Dorman noted Bill’s comment.

Eduardo Mucciolo invited all participants to attend a Phsyport presentation on Friday, January 26 at 1:30pm. Eduardo offered to present on Phsyport at the fall 2018 meeting.

CA TESTS AND EXAM SITE (ONLINE PORTAL)
Teresa Dorman gave a brief overview of the CA website. The idea of shared assessments has been discussed in many of the CA meetings in fall 2017. It was suggested to establish a secured online portal to share sample assessments.

Teresa asked those interested in obtaining access to the secured online email Emilie Bottorff for access. Teresa stated that each participants access would be tailored based on their discipline (ex: if you are Physics faculty you will not see/ have access to other disciplines and their assessments only Physics documents will appear when you log into the portal).

AGENDA/DISCUSSION ITEMS FOR K-12 COLLABORATIONS
Participants discussed the reintegration of K-12 constituents. Teresa Dorman posed a question to participants – What would an agenda look like for a meeting K-12 stakeholders?

- Jackie Chini suggested that CA co-leads reach out to Adam LaMee (UCF).
- Invite those that teach AP courses
- AP students → Physics III (data report)
- Dual enrollment data
- AP Exam
- Labs

ADA COMPLIANCE
Jimmy Gamez stated the importance of maintaining ADA compliance in all courses. Eastern Florida State College faculty and staff were reminded by the college leadership team to ensure compliance in all courses.

Teresa Dorman encouraged all faculty to work their institutions student accessibility/disability office to ensure compliance as it relates to each individual course. Teresa Dorman encouraged all faculty to work their institutions student accessibility office to ensure compliance.

LUNCH BREAK WAS HELD FROM 12:00 – 12:50PM

COURSE ASSESSMENT / REVIEW LEARNING OUTCOMES
Link to Google doc: https://docs.google.com/spreadsheets/d/1KiUR69PNpqLxdXbctak89pRjKsx-Bo5HELmqYzkBbE/edit
Participants reviewed and confirmed the learning outcomes and topics for PHY X048, PHY X048, PHY X053 & PHY X054.

Zhongzhou Chen suggested as a possible next step be that the content/curriculum be tied to the course learning outcomes and topics.

**ACTION ITEMS / NEXT STEPS**

- Send any updated syllabi to Harrison Oonge (Harrison.Oonge@ucf.edu) (cc: Emilie Bottorff - Emilie.Bottorff@ucf.edu) prior to fall meeting.
- Participants to share current CA Physics work with fellow faculty.
- Shared development of lab learning outcomes (all colleges & HS Instructors)
  - Draft a collaborative document based on UCF proposed learning outcomes
- Report out to date at fall 2018 meeting
- Review learning outcomes and discuss further changes
- Invite High School Instructors to spring 2019 meeting – include Dual Enrollment Instructors
- Send Open Resource Toolkit link (Google doc) to all participants
- Host a joint meeting (Physics, Engineering and Mathematics) in spring 2019
- UCF faculty will review/confirm the learning outcomes and topics prior to the fall meeting – further cultivate internal alignment.

**CURRICULUM ALIGNMENT CONFERENCE**

The spring 2018 Curriculum Alignment Conference is scheduled for Friday, March 2, 2018 at Valencia College, Special Events Center. Harrison Oonge encouraged all participants to attend.

**SET FALL MEETING DATE & IDENTIFY HOST**

The fall Physics Curriculum Alignment meeting is scheduled for Friday, September 21, 2018 from 10:00am – 2:00pm and will be hosted by Seminole State College – Sanford/Lake Mary Campus (Tim Werhner / Pat Ferguson).

The meeting adjourned at 2:08 pm.