

GE Council

May 8, 2017, 1:00pm - 4:00pm
Colorado Department of Higher Education
1560 Broadway - Suite 1600
Denver, CO 80202

Webinar URL <https://enetlearning.adobeconnect.com/gecouncil/>
Call in Number: 1-877-820-7831; Access code: 368215#

NOTES

I. Greetings & Introductions (1:00 - 1:05)

In attendance: Wayne Artis (CFAC-PPCC), Ann Bentz (UNC), Darcy Briggs (CCCS-ACC), Kathy Kiser-Miller (CMC), Helen Caprioglio (CSU-P), Linda Comeaux (CCCS-RRCC), Tony Contento (CSU-Global), Margaret Doell (ASU), Rhonda Epper (CCCS-CCD), Kurt Haas (CMU), Chad Harris (MSU Denver), Melanie Hulbert (WSCU), John Lanning (UCD), Jeff London (CFAC-MSU Denver), Kelly Long (CSU-FC), Lara Medley (CSM), Barbara Morris (FLC), Patrick Tally (UCB), William Tammone (CCCS), Terry Williams, (CCD), Mike Lightner (CU System), Ian Macgillivray (CDHE), Spencer Ellis (CDHE). Guests: Ann Cushman & Carol Kuper (CCCS math co-chairs) and Therese Ivancovich (Denver Education Attainment Network).

II. Adoption of last meeting's notes (see IV, A below)

III. INFORMATION ITEMS

A. Registrar Council Update (1:05 - 1:20) [*See handout: 2017-03-07 -NOTES - Registrar Council.docx*]

Discussed tying GT Pathways to PLA credit: do PLA credits really need to be equivalent to a GT Pathways course (with the required content criteria and competencies) or can PLA credit simply transfer as Gen Ed credit? Noted the utility of the GT Pathways common course numbering system in designating HOW PLA credit can transfer.

B. Open Educational Resources Council Update and Call for Nominations (1:20 - 1:25) [*See handout: SB 17-258 OER.pdf*] *See pg. 3.

- Forward recommendations to tim.flanagan@dhe.state.co ASAP and include a sentence or two about the person's experience with OER.
- OER Council must be appointed by July 1, 2017 with first meeting by July 15

\$25,000 was appropriated to this bill to contract with an entity to study the use of open educational resources. Could some of this be used to reimburse mileage/expenses of council members?

IV. DISCUSSION/ACTION ITEMS



A. **Community College Course MAT 135: Intro to Statistics - Ann Cushman and Carol Kuper (CCCS Math Discipline co-chairs) (1:25 - 1:40) [See 2 handouts: 5.8.17 MAT 135 Statistics and Calculus I and II for GE Council.pdf and 5.8.17 MAT 135 Topic List for GE Council.pdf]**

- The 2-year math discipline wants to explore changing from 3 credits to 4.
- Most not in favor of increasing to 4 credits. MSU Denver is the only other institution with a 4 credit stats course; research shows increasing seat time does not correlate to increase in student learning; the norm for stats is 3 credits across academia; if taught co-requisitely with dev ed then increases the amount of credit even more.
- The only Dwd that might be affected (pushing total credits to more than 60) is CRJ because there are 0-2 elective credits, depending on which other courses are chosen by the student.
- Ultimately it's the decision of CCCS. One way CCCS faculty can add another credit is by teaching MATH 135 co-requisitely with a lab (MATH 179), which sometimes happens.

B. **Course Sequence Uniformity amongst the Community Colleges - Ann Cushman and Carol Kuper (CCCS Math Discipline co-chairs). (1:40 - 2:00)**

- Affects math (Calc I&II) and other disciplines. See proposed [Calc I Course Outline](#) and [Calc II Course Outline](#) and note the option to include certain topics in either course.
- Rationale for Allowing Choice of Topic Placement into 1st vs. 2nd Course: If we force PCC and CCA to switch to “early transcendental functions,” for example, they will no longer be aligned with their closest 4 year institution. The 4-year institutions are not uniform in their expectations. Also, ET textbooks tend to integrate the topics in question throughout the chapters taught in the courses; it is not combined as a few topics in one or two sections of the book.
- Potential Solution: Create two new Calc I&II courses with topics sequenced differently for those CC's that want the choice, which would result in two Calc I's and two Calc II's in GT Pathways for the community colleges.

Most agreed this is not a good idea. Could confuse matters and opens possibility students take the wrong version and it won't transfer. The bridge program between Mines and RRCC was mentioned as an idea to consider.

- Potential problems this solution could create:
 - If student takes Calc I at one cc and Calc II at another that sequences the topics differently, then they may be repeating or missing content.
 - Some disciplines require only Calc I and so there won't be the opportunity to get the “missing” content from Calc II that the discipline wants the student to get.
- This issue affects any course sequence. Transfer between Calc II & III is only an issue if student goes to Mines but Mines uses a 1 cr. prep course. Content in course sequences isn't standardized at 4-years either. Discussed that there's not a huge problem to solve and that this is more a matter of 2-year faculty wanting to be transparent.

- General agreement to focus on advising and helping students to understand the pitfalls of transferring mid-sequence (to preserve the freedom of institutions to decide where/when/how to include a topic) rather than trying to standardize. Ultimately it's up to CCCS to decide.

C. Review GEC Retreat Notes & Discuss (2:00 - 3:00)

- Note Ian's questions inserted in **red text**. *[See handout: GE Council 2017-04-10 retreat notes_IMedits.ppt]*
- Ian will breakdown top 5 priorities and provide information on how CDHE already plans to address them, how/if they're aligned with the CCHE Master Plan, note if there are any \$ available, and GEC can then further refine.
- Once refined, take to the CCHE Standing Committee on Student Success & Academic Affairs and invite GEC to attend that meeting for Commissioners' feedback.

D. Prerequisites for GT Pathways Courses (3:00 - 3:30)

- CCCS requests 4-year institutions' expectations regarding pre-reqs.
- Do the new [GT Pathways course submission forms](#) need to ask, "Prerequisites (Please list titles and section numbers)?"
- Some cc's set pre-reqs for some GT Pathways courses but it's not standardized across the system. A pre-req can determine WHERE a GT Pathways course can be applied, whether as GT credit or major credit as some majors require a pre-req for the course in question.
- Rather than trying to standardize common pre-reqs across the system, a solution is to create different numbered courses for those that require a pre-req. CCCS may reach out to 4-year faculty to discuss and CDHE can help coordinate.

E. Complete College America - Guided Pathways opportunity (3:30 - 3:45) *[See handout: Complete College America - Guided Pathways opportunity.docx]*

- Should Colorado "sign on" to this initiative? There is money to support it.
- Concern expressed about additional work this would entail. More details requested. What would signing on to this entail as regards increased workload?
- CCA responded May 11, 2017 and explained there's a division of labor between faculty and advisors, with the faculty work being mainly around math pathways and co-req dev ed, much of which has already been done.

F. GT PATHWAYS - Roll-out of new requirements. (3:45 - 4:00) *[See handout: Proposed Process for Audit of GT Pathways Syllabi.docx]*

- Course submission forms posted here: <http://higher.ed.colorado.gov/Academics/Transfers/> . Go to GT Pathways section; click on folder icon at "Submission/Verification Forms" bullet.
- **Tabled for next meeting.**

The timeline for re-submission of GT Pathways courses is as follows:

Due Date	GT Pathways Content Areas & Courses
February 28, 2017	<ul style="list-style-type: none"> • GT-CO1: ~14 courses • GT-CO2: ~26 courses
<ul style="list-style-type: none"> • Written Communication 	

<ul style="list-style-type: none"> Mathematics TOTAL: ~160 courses	<ul style="list-style-type: none"> GT-CO3: ~20 courses GT-MA1: ~100 courses <ul style="list-style-type: none"> Math for Liberal Arts/Quant Reasoning: ~16 courses Stats (& Probability): ~9 courses College Algebra: ~15 courses Pre-calc & Calculus I, II, III: ~41 courses Trig (&Analytic Geometry): ~6 courses Finite: ~3 courses Educator Preparation math: ~2
May 15, 2017 <ul style="list-style-type: none"> Natural & Physical Science w/Lab TOTAL: ~169 courses	<ul style="list-style-type: none"> GT-SC1: ~169 courses <ul style="list-style-type: none"> BIO: ~48 courses CHEM: ~46 courses PHYS: ~75 courses
November 24, 2017 <ul style="list-style-type: none"> Natural & Physical Science w/Lab (continued) and Natural & Physical Science - lecture only TOTAL: ~143 courses	<ul style="list-style-type: none"> GT-SC1: ~33 courses <ul style="list-style-type: none"> GEOG: ~5 courses GEOL: ~22 courses Other (meteorology, oceanography, etc.): ~6 GT-SC2: ~110 <ul style="list-style-type: none"> BIO: ~16 courses CHEM: ~19 courses PHYS: ~14 courses GEOG: ~1 course GEOL: ~14 courses ASTRONOMY: ~12 courses ENV: ~10 courses Other (meteorology, oceanography, etc.): ~6 courses
May 15, 2018 <ul style="list-style-type: none"> Arts & Expression Ways of Thinking TOTAL: ~164 courses	<ul style="list-style-type: none"> GT-AH1: ~104 <ul style="list-style-type: none"> ART: ~36 courses MUS: ~30 courses THE: ~23 courses DANCE: ~5 courses GT-AH3: ~60 <ul style="list-style-type: none"> PHI: ~49 courses REL: ~10 courses
November 24, 2018 <ul style="list-style-type: none"> Literature & Humanities World Languages TOTAL: ~176 courses	<ul style="list-style-type: none"> GT-AH2: ~114 <ul style="list-style-type: none"> What are the right categories to put here? GT-AH4: ~62
May 15, 2019 <ul style="list-style-type: none"> History Economic or Political Systems TOTAL: ~222 courses	<ul style="list-style-type: none"> GT-HI1: ~146 courses (all HIS) GT-SS1: ~76 courses <ul style="list-style-type: none"> ECON: ~33 courses POL: ~29 courses
November 24, 2019 <ul style="list-style-type: none"> Geography Human Behavior, Culture, or Social Frameworks TOTAL: ~188 courses	<ul style="list-style-type: none"> GT-SS2: ~23 courses (all GEOG) GT-SS3: ~165 courses <ul style="list-style-type: none"> ANT: ~28 courses SOC: ~41 courses Women's, LGBT and Gender Studies: ~20 courses (a little overlap with SOC & PSY) PSY: ~30 courses

Please note this timeline is flexible and CDHE will allow for individual institutions' time constraints and other specific circumstances. Eligible Courses must be part of the institution's general education core and must be offered at least once every two years (for Colorado Community College System, course can be offered anywhere in the system). Courses can be submitted on the forms provided at

<http://highered.colorado.gov/Academics/Transfers/> under “GT Pathways” and in the folder labeled “Submission/Verification Forms.”

V. **ARTICULATION AGREEMENTS**

VI. **FOR FUTURE PLANNING (PARKING LOT)**

- A. **Computer Science STAA/DwD - crosswalk completed**
- B. **Report on Transfer Complaints**
- C. **Science Courses in Current STAAs**
 - 1. When the original STAAs were made, the CCCS system had no GT-SC2 (non-lab) science courses, so there was no way to finish the Science requirement in 7 credits. Now that the CCCS system has non-lab GT-SC2 courses, it is possible to complete an associate’s with 7 science credits. Older STAAs might benefit from revising these course options?
- D. **GPA Calculation for Transfer Students**
 - 1. Some 4-year institutions recalculate students’ community college GPA upon admission.

VII. **OTHER BUSINESS?**