



# Technical Review

## Minutes

Date: October 1, 2024

Meeting Room: L113

Zoom for Guests

2:00 pm – 4:00 pm

<b>1. Call to Order</b>	Meeting was called to order by Sarah Barsness, Chair, at 2:01 PM
<b>2. Roll Call</b>	VP Williams and Dean Cortes were attending the Dean of Equity and Success Forums and they were unable to participate in today's meeting. Roll call was as follows:

Committee Officials	
<input type="checkbox"/>	David Williams .....VP of Academic Affairs
<input checked="" type="checkbox"/>	Lisa Abbott.....Curriculum Analyst
<input checked="" type="checkbox"/>	Claire Gover.....Meeting Secretary
Guests	Title
Commodore St. Germain*	CHEM
Maria Santiago*	CHEM
Saki Cabrera	PSYC
Michelle Smith*	BIO
*Attended via Zoom	

Committee Members	
<input checked="" type="checkbox"/>	Sarah Barsness ..... Chair
<input checked="" type="checkbox"/>	Douglas Green..... Applied Technology & Business
<input checked="" type="checkbox"/>	James Word .....Mathematics and Sciences
<input checked="" type="checkbox"/>	Ashlie Lawson .....Articulation Officer
<input type="checkbox"/>	Jose Cortes .....Dean, Career & Technical Education
<input checked="" type="checkbox"/>	Andrew Wesley ..... Assessment Coordinator
<input checked="" type="checkbox"/>	Laura Maghoney ..... DE Coordinator

<b>3. Approval of Minutes</b>	<i>Approval of Minutes from: September 17, 2024</i>						
	Motion:	Ashlie Lawson					
	Seconded by:	Doug Green					
	Comments/Discussion/Revisions:						
	Final Resolution:	Yeses:	5	Noes:	0	Abstentions:	1
	Motion Passed:	Yes:	<input checked="" type="checkbox"/>	No:	<input type="checkbox"/>		

<b>4. Agenda Approval</b>	<i>Approval of the agenda will enact all matters listed under the Consent Items which are considered routine unless removed from the Consent Items by a Committee member.</i>						
	Motion:	Andrew Wesley moved to approve amended agenda					
	Seconded by:	Doug Green					
	Comments/Discussion/Revisions:	Amend to a add BIO022 to item 15.					
	Final Resolution:	Yeses:	6	Noes:		Abstentions:	
	Motion Passed:	Yes:	<input checked="" type="checkbox"/>	No:	<input type="checkbox"/>		

**5. Consent Items**

(No vote – moving on to Curriculum Committee)			
<b>5a. General</b>			
There are no items in this section.			
<b>5b. Workload/Class Max</b>			
Course	Rationale	Workload Committee Decision	Change
HSW 001	There are a lot more applied activities in order to increase the skills needed for students to get more practice before they provide culturally responses in the field, therefore a reduction in class size is required in order to provide a more tailored approach and provide feedback consistently-instructor to student and student. This size would also mirror the other class students often take as a cohort. Finally, class sizes are very limiting to offer such a large course which is not all lecture and one sided like outdated models of instruction.	This will go to Workload Committee next	50 to 35

**6. Comments from the Public**

<i>Three minutes are allotted per person **</i>	
Name	Comments
There were no comments from the public.	

**7. Information Items**

<i>No Action Required</i>	
There were no items in this section.	

**8. Action Items**

There were no items in this section.					
Motion:					
Seconded by:					
Comments/Discussion/Revisions:					
Final Resolution:	Yeses:	0	Noes:	0	Abstentions: 0
Motion Passed:	Yes: <input type="checkbox"/>		No: <input type="checkbox"/>		

## 9. Geography

Rationale for proposals a:			
Curriculum Review			
Geography faculty were not present today and the committee ran out of time to discuss this item.			
Motion on a-c:	Andrew Wesley moved to table with items 10, 11, & 13	N/A <input type="checkbox"/>	
Seconded by:	Doug Green		
Comments/Discussion/Revisions:	TABLED		
Final Resolution:	Yeses: 6	Noes:	Abstentions:
Motion Passed:	Yes: <input checked="" type="checkbox"/>	No: <input type="checkbox"/>	

### 9a. Curriculum Review

		Notes
GEOG 001	Physical Geography	
GEOG 001L	Physical Geography Laboratory	
GEOG 002	Cultural Geography	
GEOG 004	World Geography	
GEOG 010	Introduction to Geographic Information Systems	

### 9b. Course Inactivation

		Notes
GEOG 006	California Geography	

### 9c. Curriculum Review -Program

		Notes
Geography AS-T		

## 10. Geology

Rationale for proposals a:				
Curriculum Review				
Geology faculty were not present today and the committee ran out of time to discuss this item.				
Motion on a-b:	Andrew Wesley moved to table with items 9, 11, & 13			N/A <input type="checkbox"/>
Seconded by:	Doug Green			
Comments/Discussion/ Revisions:	TABLED			
Final Resolution:	Yeses:	6	Noes:	Abstentions:
Motion Passed:	Yes: <input checked="" type="checkbox"/>		No: <input type="checkbox"/>	

### 10a. Curriculum Review

		notes
GEOL 001	Physical Geology	
GEOL 002	Geology Laboratory	
GEOL 006	Earth Science	
GEOL 006L	Earth Science Laboratory	
GEOL 049	Geology Honors	

### 10b. Course Inactivation

		notes
GEOL 005	Geology of California	
GEOL 010	Introduction to Geographic Information Systems	

# 11. Mathematics

Rationale for proposals a:				
Curriculum Review Math faculty have been unable to work on courses and were not present today and the committee ran out of time to discuss this item.				
Motion on a-c:	Andrew Wesley moved to table with items 9, 10, & 13			N/A <input type="checkbox"/>
Seconded by:	Doug Green			
Comments/Discussion/Revisions:	TABLED			
Final Resolution:	Yeses:	6	Noes:	Abstentions:
Motion Passed:	Yes: <input checked="" type="checkbox"/>		No: <input type="checkbox"/>	

## 11a. Curriculum Review

		Notes
MATH 002	College Algebra for Calculus	
MATH 004	Precalculus and Trigonometry	
MATH 011	Elementary Statistics	
MATH 012	Mathematical Ideas	
MATH 020	Analytic Geometry and Calculus I	
MATH 021	Analytic Geometry and Calculus II	
MATH 022	Analytic Geometry and Calculus III	
MATH 023	Differential Equations	
MATH 026	Mathematics and Engineering Problem Solving Using Matlab	
MATH 030	Business Calculus I	
MATH 031	Business Calculus II	
MATH 040	Introduction to linear Algebra	
MATH 049	Mathematics Honors	
MATH 051	Trigonometry	
MATH 055	Mathematical Concepts for Elementary School Teachers – Number Systems	
MATH 311	Elementary Statistics Support	

## 11b. Course Inactivation

		Notes
MATH 103	Plane Geometry	
MATH 104	Intermediate Algebra	
MATH 112	Intermediate Algebra for Liberal Arts	
MATH 160	Math For Nursing School Students	
MATH 305	Prepare for Math Success	
MATH 310	Arithmetic	
MATH 320	Pre-Algebra	
MATH 330	Elementary Algebra	

MATH 330A	Elementary Algebra Part I	
MATH 330B	Elementary Algebra, Part II	
MATH 500	Supervised Tutoring in MATH	
MATH 505	Supplemental Instruction: Math	

**11c. Curriculum  
Review -  
Program**

		Notes
Mathematics ADT		

## 12. Chemistry

### Rationale for proposals a:

#### Curriculum Review

Maria Santiago & Com St. Germain were present to review all CHEM items.

CHEM 001, 002 and 010 will be part of phase II of Common Course Numbering (CCN). The title of CHEM010 "Intermediate Chemistry" is confusing since there is no introductory course to pair with it. We are the only CA Community College that has our intro CHEM class titled Intermediate Chem. Ashlie suggested we not change this now as it will have a prescribed title with CCN.

Faculty helped to clarify how CHEM010 and CHEM012 differ. They seemed to serve the same purpose in the program. The committee worked to edit the course descriptions making them more distinguishable.

CHEM010 serves as a prereq to a number of courses.

CHEM012 is a 5-unit course that is a combination of CHEM010 and CHEM011. CHEM 012 is for specific schools. It does not transfer everywhere. It also used for biomedical science program. This is more appropriate for Nursing students, but some colleges do not accept this course for transfer. Suggested add to course description: "Please consult with a counselor and/or transfer program to ensure course meets their respective program requirements."

The course descriptions of CHEM010 and CHEM012 were edited to make them more distinguishable. Need to clearly distinguish CHEM010 (inorganic) from CHEM012 (inorganic chemistry, organic chemistry and biochemistry). Ensure CID are intact.

Removed topics covered from CHEM012

Motion on a-c:	Doug Green moved to forward to Curriculum provided suggested updates are completed.	N/A <input type="checkbox"/>
Seconded by:	James Word	
Comments/Discussion/Revisions:		
Final Resolution:	Yeses: 6	Noes: Abstentions:
Motion Passed:	Yes: <input checked="" type="checkbox"/>	No: <input type="checkbox"/>

#### 12a. Curriculum Review

		Last offered	notes
CHEM001	General Chemistry I		
CHEM002	General Chemistry II		DE form is done, but needs modality selected
CHEM003	Organic Chemistry I		
CHEM004	Organic Chemistry II		
CHEM010	Intermediate Chemistry		

CHEM011	Basic Organic Chemistry and Biochemistry		
CHEM012	Chemistry for the Health Sciences		
CHEM030	Chemistry and Society		This is hybrid. Maria will have Karen make these changes. Need to describe what will be taught online vs what will be taught in person. (Such as exams in person)
CHEM030L	Chemistry and Society Laboratory		
CHEM160	Introductory Chemistry. Doug suggests – Changing title to Chem concepts. Most colleges don't have a chem 160 to get into CHEM001.		This is easier than CHEM 010. The more Com teaches this, the more he sees a need for it. Counts as a prereq for CHEM001. Can go from 160 to CHEM001. This is mostly a HS chemistry course for students who have never taken chemistry at all. Starting/beginning course. Easy transition into CHEM001. Vs Nursing student – this is not a transfer but gives foundation for NURS student, then CHEM010.  DE form is done, but needs modality selected



CHEM505	Supplemental Instruction in Chemistry		
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**12b. Curriculum Review - Program**

		notes
Chemistry AS		

**12c. New Program**

	Notes
Chemistry UCTP	<p>This UC Transfer Pathway for CHEM is currently in the queue, but it has not been launched by faculty. They will work on course learning outcomes. Lisa will assist with single paragraph narrative. We need to troubleshoot why system won't let Maria or Com launch program.</p> <p>Chem003 &amp; 004 and PSYC 006, 007 &amp; 008 (offered as 4 units in most California community colleges) at SCC the PHYS dept want to keep this as 5 units. (Committee is watching for unit creep and we have a desire to decrease number of units students have to complete.) Curriculum committee can only make recommendation to PHYS faculty. The number of units for the ADT goes over because of these of classes. There may be an exception made for STEM ADTs that allows them to go above units.</p>

### 13. Dance

Rationale for proposals a:				
Remove prerequisites from courses to include Intermediate courses in ADT				
Dance faculty was not aware this item was on the agenda. She was not present today and the committee ran out of time to discuss this item.				
Motion on a:	Andrew Wesley moved to table with items 9, 10, & 11			N/A <input type="checkbox"/>
Seconded by:	Doug Green			
Comments/Discussion/Revisions:	TABLED			
Final Resolution:	Yeses:	6	Noes:	Abstentions:
Motion Passed:	Yes: <input checked="" type="checkbox"/>		No: <input type="checkbox"/>	

#### 13a. Course Modification

				notes
DANC010B	Ballroom Dance - Intermediate			
DANC011B	Hip-Hop Dance - Intermediate			
DANC012B	Swing Dance - Intermediate			
DANC013B	Jazz Dance - Intermediate			
DANC014B	Ballet - Intermediate			

#### 13b. Program Modification

				notes
Kinesiology ADT				

## 14. Psychology

### Rationale for proposals a:

Saki Cabrera was present to review PSYC items.

Create a Social and Behavioral Statistics course that matches C-ID and fulfill requirements for multiple ADTs.  
Update 004 to include 003 as a prereq

Updated DE and textbooks

Modeled what was already approved in the UC/CSU System.

Courses were reviewed for DE and Assessments.

Once we get CID and CalGETC, we will add course to programs. Submit for PSYC ADT and

We have to submit all ADTs for common course numbering, takes 60-75 days for review at chancellor's office. Implementation for possible Fall 2025, Spring 2026 should be good.

Motion on a-b:	Ashlie move forward to Curriculum	N/A <input type="checkbox"/>
Seconded by:	Andrew	
Comments/Discussion/ Revisions:		
Final Resolution:	Yeses: 6	Noes: Abstentions:
Motion Passed:	Yes: <input checked="" type="checkbox"/>	No: <input type="checkbox"/>

#### 14a. Course Modification

		notes
PSYC 004	Research Methods in Behavioral Science	Keep MATH011 as prerequisite. Learning outcomes/DE are fine.

#### 14b. New Course

		notes
PSYC 003	Statistics for Social and Behavioral Sciences	Content can be applied to Social and behavioral Sciences. Non stem majors can take this. Option between this stats and math stats. Very standard for SBS. Beef up content. Change prerequisite language to match common course numbering. Andrew reviewed SLO

## 15. Biology

Rationale for proposals a:			
Curriculum Review			
Michelle Smith was present to review these items.			
Student friendly language was added to the course descriptions of BIO015 and BIO016 so students can better decide if the course is appropriate for them. There is some content overlap in BIO002, 003 & 015, and in BIO016, 004 & 005. There is no mechanism in Banner that blocks students who have already taken courses from enrolling in other courses that have some content overlap.			
Motion on a-c:	Andrew Wesley moved to forward to Curriculum provided all changes have been made		N/A <input type="checkbox"/>
Seconded by:	Ashlie Lawson		
Comments/Discussion/Revisions:			
Final Resolution:	Yeses:	Noes:	Abstentions:
Motion Passed:	Yes: <input checked="" type="checkbox"/>	No: <input type="checkbox"/>	

### 15a. Curriculum Review

		Last offered	Notes
BIO 002	Cell and Molecular Biology	2024 Fall	
BIO 003	Evolution, Ecology & Biodiversity	2024 Fall	
BIO 004	Human Anatomy	2024 Fall	
BIO 005	Human Physiology	2024 Fall	
BIO 012	Environmental Science	2024 Fall	
BIO 012L	Environmental Science Laboratory	2024 Fall	
BIO 014	Principles of Microbiology	2024 Fall	
BIO 015	Introduction to Biology	2024 Fall	BIO015 better prepares students for BIO002&003. Students can still enroll in BIO015 but they will not get credit if they passed BIO002 or BIO003.
BIO 016	Introduction to Human Biology	2024 Fall	BIO016 better prepares students for BIO004&005. Students can still enroll in BIO016 but they will not get credit if they passed BIO004 or BIO005.

BIO 016L	Human Biology Laboratory	2024 Fall	
BIO 018	Biology of Sex	Canceled Fall 22, Ran Fall 21	There is a plan to offer this course. It fills. Course description language was improved.
BIO 019	Marine Biology	Canceled Fall 19, Ran Spring 16	Michelle Smith to talk with David "Matthew" Schweitzer to see if he wants to include this course in a California Naturalist Certificate Program. DE forms will need to be updated. Faculty may want to keep a DE component (possibly hybrid). Run every other semester or every other year.
BIO 020	Infectious Disease, Plagues, and Public Health	Canceled Spring 24, Ran Spring 2020	Planned to bring back
BIO 025	Human Genetics	2024 Fall	
BIO 049	Biology Honors	2024 Fall	
BIO 099	Biology Honors: Dissection	2024 Fall	
BIO 101	How To Study Science	2024 Fall	
BIO 160	Review of Scientific Principles of Pre-Nursing	2023 sum	

**15b. Curriculum Review -Program**

	Notes
Biology AS-T	
Biology AS	

**15c. New Course**

	Notes
BIO 021	<p>Introduction to Entomology</p> <p>Matthew Schweitzer taught this course at UCSF. It's generally not offered in a community college. Unique course, gen ED, accessible to everyone. This is extremely valuable with huge economic potential. Covers a vast array of organisms.</p> <p>Andrew Wesley will work with Michelle and Matthew on their SLOs.</p> <p>Change number to 031. Course can be offered in Fall 2025</p>

BIO 022	The Natural History of California	<p>This and the above course are offered through UC extension programs. Our emphasis would be the Solano County area. We can make this class available at a lower cost than UC level. In course description added: “Upon successful completion of this course, students will have the option to pay a fee to UCANR to obtain their California Naturalist Certification.”</p> <p>Andrew will work with Michelle and Matthew on their SLOs Min quals include completion of CalNat Training. DE – online lecture and hybrid</p> <p>Change number to 030. Course can be offered in Fall 2025</p>
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<b>I. Report from Articulation Officer, Ashlie Lawson</b>	There were no items in this section.
<b>II. Report from Assessment Coordinator, Andrew Wesley</b>	There were no items in this section.
<b>III. Report from Curriculum Analyst, Lisa Abbott</b>	There were no items in this section.
<b>IV. Report from VP of Academic Affairs, David Williams</b>	There were no items in this section.
<b>V. Report from Curriculum Committee Chair, Sarah Barsness</b>	There were no items in this section.
<b>VI. Other</b>	There were no items in this section.
<b>VII. Open Discussion</b>	There were no items in this section.
<b>VIII. Adjournment</b>	Andrew Wesley moved to adjourn. Seconded by Ashlie Lawson. Meeting adjourned at 3:57 PM.

## **ALL MEETINGS WILL BE HELD STARTING AT 2:00 PM ON ZOOM AND IN PERSON LOCATION AS NOTED**

*\*\*Under the Bagley-Keene Act, a body does not have to listen to comments on matters that are not on the agenda or that were already considered in a public meeting where there was an opportunity to comment. Cal. Gov't Code § 11125.7(a).*

*Under the Brown Act, the public is entitled to comment on any matter within the subject matter jurisdiction of the legislative body, as well as any agenda item. Cal. Gov't Code § 54954.3(a). See Galbiso v. Orosi Pub. Util. Dist., 167 Cal. App. 4th 1063, 1080, 84 Cal. Rptr. 3d 788 (2008). Under the Brown Act, the legislative body does not have to listen to comments on items that are not within its subject matter jurisdiction. 78 Ops. Cal. Att'y Gen. 224 (1995). And, as under the Bagley-Keene Act, a legislative body under the Brown Act does not have to listen to comments on items that were already considered in a public meeting where there was an opportunity to comment. Cal. Gov't Code § 54954.3(a).*

*An agency may limit public comment on items described in the agenda to the time when those items are being considered. Olson v. Hornbrook Cmty. Servs. Dist., 33 Cal. App. 5th 502, 528, 245 Cal. Rptr. 3d 236 (March 26, 2019).*

*In addition, under both Acts, the body may adopt reasonable regulations to ensure that the above provisions are carried out, including but not limited to regulations limiting the total amount of time allocated to each individual speaker for public testimony or comment on particular issues. Cal. Gov't Code §§ 11125.7(b) (Bagley-Keene Act); 54954.3(b) (Brown Act). A legislative body of a local agency may regulate the time, place and manner for speech to ensure orderly discussion. Baca v. Moreno Valley Unified Sch. Dist., 936 F. Supp. 719 (C.D. Cal. 1996) (Brown Act); see, e.g., Ribakoff v. City of Long Beach, 27 Cal. App. 5th 150, 177, 238 Cal. Rptr. 3d 81 (2018) (rejecting plaintiff's First Amendment facial and as applied challenge to board's rule limiting public comment to three minutes); Olson, 33 Cal. App. 5th at 528 (holding limitation on public comment on agenda items to when those items are being considered was not an unreasonable regulation).*