



Welcome to the Meeting

Zoom Information and Meeting Etiquette:

- All attendees are muted when joining the meeting.
- Please unmute when you wish to speak, and mute again when you have finished.
- Take turns speaking and be patient! You can also use chat to ask questions, or raise your hand (click “reactions” to access this feature).
- Those using phone audio will be unmuted during voting and discussion. If your phone has the manual option to mute, please use that feature when you are not speaking.
- If discussion moderation becomes necessary, the chair will mute all participants and call on speakers in turn, using the raise hand feature.
- The meeting will be recorded, beginning with the call to order.
- Sign-in for FLEX is available via a link to a shared document posted in chat.

Curriculum Committee

May 4, 2022

Zoom:

<https://cccconfer.zoom.us/j/99128759771?pwd=aVRYaTg4QVFFOUpRZ2kzSHRZUnBPQT09>

Action Items

- Meeting Minutes April 6, 2022
- Curriculum Committee Guidelines: Program Maps

Curriculum Committee Guidelines: Program Maps

Program maps provide step-by-step guidance for what courses students should take each semester in order to complete a degree or certificate. Strong program maps focus on students' needs and should take into account:

- When courses are regularly offered
- What prerequisites students need to be successful in subsequent courses
- Relevant data on course-taking patterns and student success
- Time-to-degree (ensuring maps reflect a path to completion in one or two years)
- Major requirements, GE *area* requirements, transfer requirements, and local competencies

At COS, program maps are currently housed in DegreeWorks and are maintained by a designated member of the Counselling department.

Each Spring, prior to the April publication of the next year's catalog, divisions should invite the counseling representative responsible for maintaining program maps to their division meeting and discuss any necessary updates to the division's program maps, so that maps remain current and accurate for students. These updates should be based on:

- Changes to programs that have been approved through curriculum for the next catalog year.
- Changes in course scheduling that will require a course be moved on the program map.

When developing or updating program maps, the Curriculum Committee has approved the following guidance for divisions:

- Program maps for transfer programs should include major requirements, CSU admission and graduation requirements*, and may include placeholders for the GE *areas*. Specific GE courses should not be pre-selected for students, unless they align to a specific program or CSU requirement.
- Program maps for local and CTE degrees should include major requirements, local competency requirements, and may include placeholders for the GE *areas*. Specific GE courses should not be pre-selected for students, unless they align to a specific program requirement.
- Program maps for local and CTE certificates should include only the certificate requirements.
- Program maps may not list any pre-transfer level English or Math courses, unless that course is a degree-applicable math course explicitly required for a student's CTE program.

*As of Spring 2022, these are Golden four (Communication, English, Math and Critical Thinking) for admission requirements and history, political science, and ethnic studies for graduation requirements.



COLLEGE OF THE SEQUOIAS



HANFORD | TULARE | VISALIA



Proposal for Paramedic program at COS

- Industry partners have requested COS investigate or start a Paramedic program for about 5 year.
- Primary industry – Fire Departments; FIRE-medic has a higher employment rate; students who complete the COS Fire Academy need the Paramedic training to get jobs in Visalia Fire Department.
- Over 80% of the 911 calls are medical in nature; more efficient for first responders to be able to respond.
- First responders/Ambulance companies – also have requested COS explore this option. Paramedics are preferred hires over EMT.
- Currently COS offers a 6 unit EMT program and the ___ unit Fire Technology program; we would better serve our students for improved employability and higher wages Paramedic was available.
- Kaweah Health – supports a Paramedic program at COS



Regional Offerings

- West Hills does offer a Paramedic program; not highly utilized by local employers; COS will be faster paced;
- Currently COS approved Saddleback college to host a Paramedic cohort in Visalia with American Ambulance; this will be expiring after one year
- Fresno City ???
- Merced College just got regional approval to start one

Labor Market Information

- Congressional Letter on EMS Workforce shortage – Oct 2021
- Our paramedics and emergency medical technicians (EMTs), as well as the organizations that they serve, take on substantial risk every day to treat and transport patients that call 9-1-1. But our nation's EMS system is facing a crippling workforce shortage, a long-term problem that has been building for more than a decade. It threatens to undermine our emergency 9-1-1 infrastructure and deserves urgent attention by the Congress.
- The most sweeping survey of its kind — involving nearly 20,000 employees working at 258 EMS organizations — found that overall turnover among paramedics and EMTs ranges from 20 to 30 percent annually. With percentages that high, ambulance services face 100% turnover over a four-year period. Staffing shortages compromise our ability to respond to healthcare emergencies, especially in rural and underserved parts of the country.
- The pandemic exacerbated this shortage and highlighted our need to better understand the drivers of workforce turnover. There are many factors. Our ambulance crews are suffering under the grind of surging demand, burnout, fear of getting sick and stresses on their families. In addition, with COVID-19 halting clinical and in-person trainings for a long period of time, our pipeline for staff is stretched even more.
- <https://ambulance.org/2021/10/04/workforceshortage/>

Labor Market Information – Central Valley

- Occupational Demand-The NCV/NML sub region employed 1,223 workers in paramedic occupations in 2020 (Exhibit 1). The largest occupation is emergency medical technicians and paramedics with 1,223 workers in 2020. This occupation is projected to grow by 6% over the next five years and has the greatest number of projected annual openings, 106.
- Exhibit 1. Paramedic employment and occupational projections in the NCV/NML subregion

Jobs from 2020-2025	Annual openings	5-Year Change		5-Year % Change	
• EMT/Paramedics	1,223	1,302	79	6%	106
• TOTAL	1,223	1,302	79	6%	106

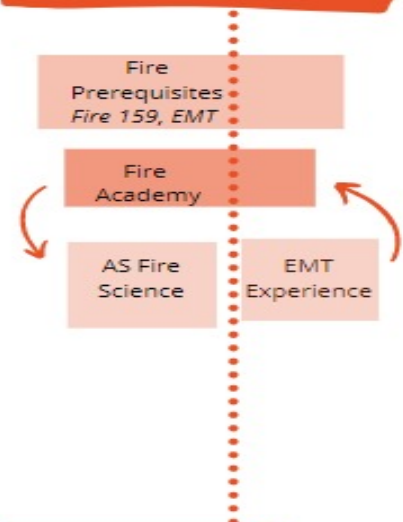


Benefits to COS Students

- Guided/GIANT Pathway for Fire Technology and EMT students
- Provides an alternative pathway for pre-nursing students who are not being accepted into the RN program-provides an optional career path into Paramedic
- Division – Fire and Police Pathway
- Located in Hanford in order to align with Fire Technology program
- No space available in Hospital Rock
- One EMT offering in Visalia and one EMT offering in Hanford each semester will provide the pipeline of students needed to fill the cohort

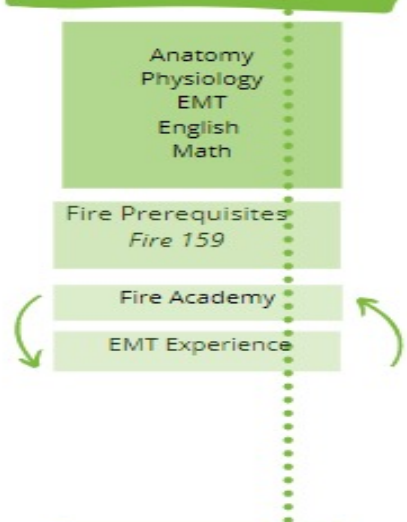


Firefighting Path



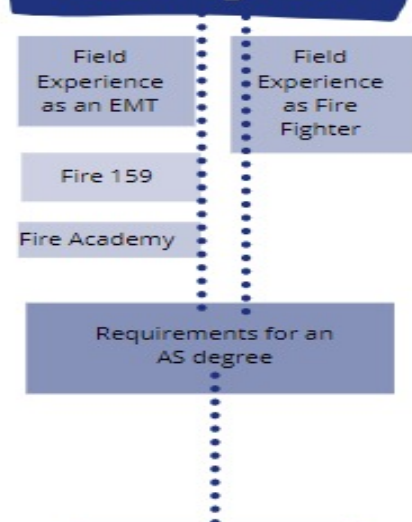
Includes:
3 unit A/P Combo Class;
1 unit Applied A/P Class
AS Degree requirements met above

Allied Health Path



Includes:
1 unit Applied A/P Class
AS Degree requirements not met above

Credit for Prior Learning Path



Includes:
3 unit A/P Combo Class;
1 unit Applied A/P Class
AS Degree requirements not met



Proposed program -*Fast paced modular format*

Summer 2023

- Applied Anatomy/Physiology for Paramedic – 4 units
- Paramedic Preparation – 4 units

Fall 2023

- Paramedic Theory – 14 units

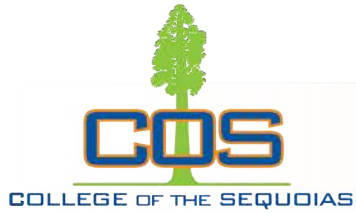
Spring 2024

- Paramedic Internship – 12 units/clinical hours

Proposed costs

- Full time Paramedic faculty/program coordinator
\$100,000/year
- Full time faculty benefits \$35,000/year
- Medical Director to oversee clinical experiences
\$15,000/year
- Adjunct faculty – 4 @ \$25,000
\$100,000/year
- Equipment \$200,000-300,000-initial investment

SW 6 funds allocated up to \$350,000 for development
VTEA/Perkins eligible for ongoing equipment



Proposed Timeline

Activity	Lead	Target Term					
		Spring 2022	Summer 2022	Fall 2022	Spring 2023	Summer 2023	Fall 2023
Curriculum form	Jonna	█					
Skelton Outline Finalized	Paramedic	█					
Advisory Meeting	Kristin	█					
Space/Office Allocation	Kristin		█				
Draft courses	All		█				
Input into Courseleaf	Paramedic			█			
Courseleaf Launch	Paramedic			█			
Start Recruitment	Kristin/Jonna			█			
Application Deadline	All				█		
Program Launch	All					█	
Accreditation Process Started	All						█



Program Goals

- Recruit a diverse applicant pool
- Utilize prerequisites to ensure student success
- Graduate up to 24 Paramedics each spring starting spring 2024
- Pass rate on the national skills demo of 90%
- Employment rate at 90% of those seeking Paramedic or Fire-medical jobs within 6 months of completion.

Action Items

- New Program Proposal:
Paramedic Degree

Curriculum Committee Policy Number: 20170301-2

CC Approved: 11/1/17

Curriculum Committee Policy: New Programs & Program Substantial Changes

The Curriculum Committee has approved the following procedure for development of new programs and programs requiring substantial change, inclusive of the development of new courses for said programs. The goal of this policy is to aid faculty in the development process for new programs. Approval of this plan by the curriculum committee is not a guarantee of program approval, but does allow faculty to verify that a request for a new or substantially modified program is feasible before they begin the substantial work of developing courses. It also provides an opportunity for collaboration and feedback on new curriculum from across the District, ensuring that new curriculum proposals take the District's wide range of existing resources into account.

If a faculty member plans to develop a new program, or make substantial modifications to an existing program, meeting one or more of the criteria below, then the program must be presented to the curriculum committee *prior to* development of new courses intended for that program.

- A. New programs (degrees and certificates of achievement, completion, or competency) requiring the following (any new programs required by state or other mandates are exempt from this policy):
 - a. Development of one or more new courses.
 - b. The creation of a new department designation for courses (eg. ENGL, ARCH, AUTO, etc).
 - c. Additional district resources (new faculty, equipment, etc), without which the new program cannot be implemented.
- B. Substantial modifications to an existing program that require one of the following:
 - a. Development of one or more new or substantially modified courses that changes the focus of the degree.
 - b. The creation of a new department designation for courses (EG: ENGL, ARCH, AUTO, etc).
 - c. Additional district resources (new faculty, equipment, etc), without which the program modifications cannot be implemented.

In order to present the program to the curriculum committee, faculty should complete the attached form. Forms must be completed and submitted to the Curriculum Coordinator no later than 72 hours prior to the desired curriculum committee meeting date in order to be presented as part of that meetings' agenda. The curriculum committee will not review incomplete proposals, including those lacking the necessary signatures of support.

Action Items

- New Program: AS in Liberal Arts in Health Science Pathways



ASSOCIATE OF SCIENCE IN LIBERAL ARTS IN HEALTH SCIENCE PATHWAYS

In Workflow

1. STSV Chair (adrienned@cos.edu)
2. STSV Dean (michelebr@cos.edu; jennys@cos.edu)
3. Curriculum Coordinator (sarahha@cos.edu)
4. Articulation Officer (gregk@cos.edu)
5. Academic Resources Specialist (danielal@cos.edu)
6. STSV Representative (leahv@cos.edu)
7. Financial Aid Rep (amandac@cos.edu)
8. Distance Education Coordinator (bricen@cos.edu)
9. LIBR Representative (milenas@cos.edu)
10. Curriculum Coordinator (sarahha@cos.edu)
11. Adrienne Duarte (adrienned@cos.edu)
12. Vice President of Academic Affairs (jenniferl@cos.edu)
13. Academic Resources Specialist (danielal@cos.edu)
14. Curriculum Committee Vote (amyp@cos.edu; andyh@cos.edu; charlesa@cos.edu; erich@cos.edu; gregk@cos.edu; jamesmc@cos.edu; davidhey@cos.edu; annem@cos.edu; milenias@cos.edu; tiffanyw@cos.edu; monica@cos.edu; christopherhu@cos.edu; leahv@cos.edu; aimeea@cos.edu; allysonb@cos.edu)
15. Curriculum Coordinator (sarahha@cos.edu)
16. Academic Senate President (juana@cos.edu)
17. Board of Trustees (danielal@cos.edu)
18. Academic Resources Specialist (danielal@cos.edu)

Approval Path

1. Fri, 17 Sep 2021 19:37:11 GMT
Adrienne Duarte (adrienned): Approved for STSV Chair
2. Tue, 21 Sep 2021 21:50:19 GMT
Jenny Saechao (jennys): Approved for STSV Dean
3. Tue, 02 Nov 2021 23:09:04 GMT
Sarah Harris (sarahha): Rollback to Initiator
4. Tue, 09 Nov 2021 20:07:00 GMT
Adrienne Duarte (adrienned): Approved for STSV Chair
5. Wed, 10 Nov 2021 23:43:47 GMT
Jenny Saechao (jennys): Approved for STSV Dean
6. Thu, 18 Nov 2021 18:19:17 GMT
Sarah Harris (sarahha): Rollback to Initiator
7. Thu, 18 Nov 2021 18:56:00 GMT
Adrienne Duarte (adrienned): Approved for STSV Chair
8. Thu, 18 Nov 2021 21:35:11 GMT
Jenny Saechao (jennys): Rollback to STSV Chair for STSV Dean
9. Thu, 18 Nov 2021 22:01:17 GMT
Adrienne Duarte (adrienned): Approved for STSV Chair
10. Fri, 03 Dec 2021 21:25:44 GMT
Jenny Saechao (jennys): Approved for STSV Dean
11. Mon, 13 Dec 2021 22:34:46 GMT
Sarah Harris (sarahha): Rollback to Initiator
12. Thu, 27 Jan 2022 19:56:56 GMT
Adrienne Duarte (adrienned): Approved for STSV Chair
13. Thu, 03 Feb 2022 00:02:13 GMT
Jenny Saechao (jennys): Approved for STSV Dean
14. Wed, 02 Mar 2022 20:02:41 GMT
Sarah Harris (sarahha): Rollback to Initiator
15. Mon, 21 Mar 2022 18:49:12 GMT

Information Items

- Currency Report
 - Updated for 2022 – 2023.
 - Report now pulls primarily from Courseleaf Reports – please check for accuracy!
 - Reminder – Currency dates rely on the date of last Board approval NOT the Courseleaf “approval date” (This is often administrative and may not reflect last faculty review).
 - Date of last Board approval is visible in PDF – use the “Download COR” button to view.
 - Underlined text is linked – it will pull up the Courseleaf page for that item.

Courses (34): 6.8 courses = 20%														
Code	Title	Status	Academic Senate Approval Date	Curriculum Committee Approval Date	District Governing Board Approval Date	Next Review Date	Division	Subject	Notes	23-24 Catalog Removal		KEY		
<u>CSCI 005</u>	<u>CSCI 005: Computer Arch Organization</u>		2/8/17	1/31/17	10/9/17	10/9/22	MATH	CSCI		NO			In Process in Courseleaf CIM	
<u>CSCI 006</u>	<u>CSCI 006: Discrete Structures</u>		1/25/17	12/12/16	3/13/17	3/13/22	MATH	CSCI		YES			Review Cycle this year & Not in Process	
<u>CSCI 020</u>	<u>CSCI 020: MATLAB Programming</u>		10/25/17	10/17/17	11/13/17	11/13/22	MATH	CSCI		NO			Past Due & Not in Process	
<u>ENGR 001</u>	<u>ENGR 001: Engineering Graphics</u>		2017-08-23 Senate Approval Date	2017-05-22 CC Approval	9/11/17	9/11/22	MATH	ENGR		NO			Curriculum Process Complete	
<u>ENGR 002</u>	<u>ENGR 002: Statics</u>		2017-10-25 Senate Approval Date	2017-09-26 CC Approval	11/13/17	11/13/22	MATH	ENGR		NO				
<u>MATH</u>	<u>MATH 080 Linear Algebra</u>			11/21/17	11/13/17	11/13/22	MATH	MATH		NO		9/1/18	CATALOG START	
<u>MATH 066</u>	<u>MATH 066: Calculus 2</u>	DE Coordinator	2017-01-25 Senate Approval Date	2016-12-16 CC Approval	2/13/17	2/13/22	MATH	MATH		YES		5/15/22	CATALOG END	
<u>MATH 200</u>	<u>MATH 200: Elementary Algebra</u>	MATH Dean	10/10/18	10/5/18	11/5/18	11/5/23	MATH	MATH		NO		5/16/22	OVERDUE START	
<u>MATH 360</u>	<u>MATH 360: Pre-Algebra</u>	MATH Dean	2015-05-13 Senate Approval Date	2015-05-08 CC Approval	6/8/15	6/8/20	MATH	MATH		YES		9/1/22	OVERDUE END	
												9/2/22	UPCOMING START	
												8/1/23	UPCOMING END	

Information Items

- Curriculum Institute
 - July 6 – 9, Riverside CA & Hybrid
 - <https://asccc.org/events/2022-07-06-190000-2022-07-09-210000/2022-curriculum-institute-hybrid-event-subject-change>
- Funds available to support attendance – virtually or in-person
- Contact Dr. Harris or Daniel Alvarado if interested

New Business/Discussion



58th SESSION RESOLUTIONS **Spring Plenary**

ADOPTED RESOLUTIONS

Resolutions Committee 2021-2022
Amber Gillis, ASCCC South Representative, Area C (Chair)
Stephanie Curry, ASCCC Area A Representative (2nd Chair)
Nancy Persons, Santa Rosa College, Area B
Craig Rutan, Santiago Canyon College, Area D
Manuel Velez, ASCCC South Representative, Area D

- ASCCC Plenary Report
 - ASCCC adopted several resolutions on or related to curriculum.
 - Resolutions included opposition to AB1705 unless amended
 - Work on implementation of AB928 (CSU/UC GE pathway) is ongoing – proposal from the ICAS Special Committee on AB928 presented to full ICAS on April 25.
 - Expect updated info on AB1705 and 928 implementation at Curriculum Institute
 - As amended bill now also includes specifics related to the STEM math sequence

ASCCC Adopted Resolutions

- *AB705/1705*: 3.04, 6.03, 6.04, 6.05, 9.02
- *Section 9, Curriculum*
- *ZTC/Course Texts*: 3.03, 7.02, 13.01, 13.06, 13.07, 13.08
- *Online and Hybrid Learning*: 13.02, 13.07, 13.09, 17.01

New Business/Discussion

- Fall Semester Meeting Format
 - Via poll, indicate how you plan to attend most CC meetings in Fall (virtually or in-person)
 - Room 1 is available with some updated video/audio equipment
- End-of-year Report
 - Broad agreement across survey items
 - Suggestions include updated training (particularly for new faculty) and review of curriculum process
 - GE initiative will carry over to next year

Ongoing Business

- Develop supporting materials for Equity Review
- <https://cos.instructure.com/courses/24277/pages/equity-and-curriculum-review>
- Proposed grant funds to support summer project developing training/ workshops
 - Solicitation of 4 – 5 faculty for development work this summer
 - Faculty will develop Canvas asynchronous training and 4 related workshops
 - Workshops to be delivered in Fall 2022 to support Equity Review field in Courseleaf CIM form.
 - Funds to support workshop attendance and facilitators
 - Tentative Convocation week workshop Tuesday, August 9, 10:00 – 12:00

Ongoing Business

- Curriculum Subgroup Assignments
 - Subgroup survey was distributed to faculty reps
 - no requests for changes
 - Each member has at least three assigned discipline subgroups – these will be unchanged for next year
 - Reminder – if your division rep will change, please submit new member to me for Academic Senate appointment in fall

Curriculum Committee Subgroup Assignments

Curriculum Committee Subgroups review and vote on nonsubstantial changes to courses and programs on behalf of the committee (see CC Policy 20180404-1, Substantial & Nonsubstantial Changes). Groups are assigned based on volume of reviews and committee member preference. A survey is provided to faculty representatives annually in the Spring semester so that members may rank their preferred group assignments for the following year. Each faculty rep is assigned to 3-4 subgroups. The curriculum coordinator will assign groups based on ranking and committee need; members who do not complete the survey may be randomly assigned to subgroups, though an effort will be made to maintain prior assignments where possible. The following subgroup assignments will be effective for the 2022 – 2023 Academic Year.

AG Curriculum Committee Subgroup Vote	Role
Amy Vega-Pritchett	Social Science Representative
Eric Heatherington	Science Representative
Allyson Briano	Physical Education Representative

BUS Curriculum Committee Subgroup Vote	Role
Charles Abee	Agriculture Representative
Aimee Ahle	Language Representative
James McDonnell	Fine Arts Representative

CFS Curriculum Committee Subgroup Vote	Role
Allyson Briano	Physical Education Representative
David Heywood	Math Representative
Tina Toth	Nursing Representative

ARTF Curriculum Committee Subgroup Vote	Role
Milena Seyed	Library Representative
Tiffany Wainwright	Consumer Family Studies Representative
Leah Velasquez	Student Services Representative

IT Curriculum Committee Subgroup Vote	Role
David Heywood	Math Representative
Aimee Ahle	Language Representative
Charles Abee	Agriculture Representative

LANG Curriculum Committee Subgroup Vote	Role
Monica Urban	English Representative
Milena Seyed	Library Representative
Eric Heatherington	Science Representative

Have a Great Break!

