

**CHAFFEY COLLEGE  
CURRICULUM COMMITTEE MEETING  
RANCHO CAMPUS BEB BUILDING, CONFERENCE ROOM 204  
FONTANA CAMPUS, FNAC 100  
CHINO CAMPUS, CHMB 143**

**Teleconference x6759**

**AGENDA**

**April 17, 2019**

**1:30pm-3:00pm**

**Members Present:**

**Members Absent:**

**Guests:**

**1. Call To Order/New Committee Members:**

**2. Public Comment:**

**3. Review and Approval of April 3, 2019 Expanded Summary Notes:**

**4. Discussion Items:**

**4.1. What's Next for the Curriculum Committee:**

1. **3<sup>rd</sup> Annual Retreat in August**
2. **Summer Clean Up**
3. **Prerequisite Workgroup Reconnecting**
4. **University Studies**

**4.2. 2019-2021 Curriculum Committee Members-** The following members will be on the Curriculum Committee starting Fall 2019:

1. **Business and Applied Technology (2019-2021):**
2. **Business and Applied Technology (Fill for 2018-2020):**
3. **Chino Representative:**
4. **Health Sciences:** Lisa Doget
5. **Instructional Support:** Megan Keebler (returning)
6. **Kinesiology, Athletics, & Nutrition:** Candice Hines-Tinsley
7. **Language Arts:** Stephen Calebotta (returning)
8. **Mathematics and Science:** Rop Kopp (returning)
9. **Social and Behavioral Sciences:** Christina McPeck
10. **Student Services:** Julie Law
11. **Student Services:** Patricia Powell
12. **Visual and Performing Arts:**

**4.3. University Studies (Sierra College Example):**

**5. Guided Pathways:**

**6. Miscellaneous:**

**7. Consent Agenda:**

**7.1.** Due to Chancellor's Office Approval, the following certificate can now be called a Certificate of Achievement in Curricunet. This change has been made for:

1. **Cyber Security Analyst Certificate of Achievement**

7.2. The Chancellor's Office has requested the following revisions to the TMC Template for the Nutrition and Dietetics AS-T:

1. List A should say "Select two courses" not "Select one" course. This increases the unit total for List A to 8 units.
2. The total degree units changed from 23 units to 27 units.

Per faculty consent, the changes have been made to the TMC Template and the Curricunet word report.

**8. OLD BUSINESS:**

**PACKAGE: KINESIOLOGY**

**New Courses: First Reading**

<b>KINACT-3A</b>	Beginning Baseball	Approval:
<b>KINACT-5A</b>	Beginning Flag Football	Approval:
<b>KINTM-17</b>	Intermediate Dance/Spirit Team	Approval:
<b>KINTM-64A</b>	Softball Strength and Conditioning for Athletes	Approval:

**Program Modifications: Final Reading**

<b>Physical Education</b>	A.A.	Approval:
---------------------------	------	-----------

**NONPACKAGES:**

**Course Modifications w/ DE: Second Reading**

<b>CIS-15</b>	Introduction to Database & Database Management Systems	Approval:	Distance Education Hybrid/Online Approval:
<b>ENGL-70A</b>	World Literature I	Approval:	Distance Education Hybrid/Online Approval:
<b>ENGL-70B</b>	World Literature II	Approval:	Distance Education Hybrid/Online Approval:

**9. NEW BUSINESS:**

**PACKAGE: ASL**

**Course Modifications: First Reading**

<b>ASL-1</b>	Elementary American Sign Language I	Approval:
--------------	-------------------------------------	-----------

**Course Modifications w/ DE: First Reading**

<b>ASL-2</b>	Elementary American Sign Language II	Approval:	Distance Education Hybrid:
<b>ASL-3</b>	Intermediate American Sign Language III	Approval:	Distance Education Hybrid:
<b>ASL-4</b>	Intermediate American Sign Language IV	Approval:	Distance Education Hybrid:

**PACKAGE: CHEMISTRY****New Programs: Final Reading**

Chemistry	AS-T	Approval:
-----------	------	-----------

**Program Modifications: Final Reading**

Chemistry	A.S.	Approval:
-----------	------	-----------

**PACKAGE: ENGLISH****Course Deactivations: Final Reading**

ENGL-71	Folklore	Approval:
---------	----------	-----------

**Program Modifications: Final Reading**

Philosophy: Religious Studies	A.A.	Approval:
-------------------------------	------	-----------

**NONPACKAGES****Course Modifications w/ DE: First Reading**

<b>ACCTG-430</b>	Accounting for Governmental and Not-for-Profit Organizations	Approval:	Distance Education Hybrid/Online Approval:
<b>ACCTG-435</b>	Payroll Accounting	Approval:	Distance Education Hybrid/Online Approval:
<b>ENGL-75A</b>	American Literature	Approval:	Distance Education Hybrid/Online Approval:
<b>PS-2</b>	Introduction to Political Science	Approval:	Distance Education Approval Hybrid/Online:
<b>RE-470</b>	Real Estate Appraisal <i>Course number has changed from transfer level to non-transfer and DE has been updated as requested by the Curriculum Committee.</i>	Approval:	Distance Education Approval Online:
<b>RE-486</b>	Real Estate Property Management <i>Course number has changed from transfer level to non-transfer and DE has been updated as requested by the Curriculum Committee.</i>	Approval:	Distance Education Approval Online:

**Course Modifications: First Reading**

<b>ART-407</b>	History of Design	Approval:
<b>ART-484</b>	Motion Graphic Animation	Approval:
<b>ART-73</b>	Typography and Layout	Approval:

<b>ASL-18</b>	Introduction to Deaf Studies	Approval:
<b>BUS-61</b>	Introduction to Global Business	Approval:
<b>CISGAME-403</b>	Fundamentals of Game Programming	Approval:
<b>CISGAME-420</b>	Mobile/Web Game Development	Approval:
<b>HIST-19</b>	History of Ethnic Relations in the United States	Approval:
<b>HIST-40</b>	Retrospective of World War II	Approval:
<b>HIST-6</b>	Modern Western Civilizations	Approval:
<b>MATH-650</b>	Mathematical Foundations	Approval:

**Program Modifications: Final Reading**

*Descriptions have been edited as requested.*

<b>Real Estate</b>	A.S.	Approval:
<b>Real Estate</b>	Certificate of Achievement	Approval:
<b>Real Estate Salesperson's Certificate</b>	Certificate of Career Preparation	Approval:

**10. Adjournment:**

**CHAFFEY COLLEGE  
CURRICULUM COMMITTEE MEETING  
RANCHO CAMPUS BEB BUILDING, CONFERENCE ROOM 204  
FONTANA CAMPUS, FNAC 100  
CHINO CAMPUS, CHMB 143**

**Teleconference x6759**

**SUMMARY NOTES**

**April 3, 2019**

**1:30pm-3:00pm**

**Members Present:**

Angela Burk-Herrick, Mathematics & Science  
Annette Henry, Kinesiology, Nutrition, & Athletics  
Charmaine Phipps, Language Arts  
Daniel Jacobo, Visual and Performing Arts  
Elaine Martinez, Kinesiology, Nutrition, & Athletics  
Helen Leung, Counseling  
Jeffrey Laguna, Health Sciences  
John Machado, Visual & Performing Arts  
Kathy Lucero, Admissions and Records  
Laura Hope, Interim, Associate Superintendent of  
Instruction and Institutional Effectiveness  
Linda Marcotte, Social & Behavioral Sciences

Marie Boyd, Curriculum Chair  
Megan Keebler, Instructional Support  
Misty Burrue, Faculty Senate President  
Naomi McCool, Social and Behavioral Sciences  
Rob Kopp, Mathematics & Science  
Ryan Sipma, Catalog and Schedule Coordinator  
Sean Stratton, Articulation Officer  
Shelley Marcus, Library Learning Resources  
Shireen Awad, Administrative Assistant II, Curriculum  
Stephen Calebotta, Language Arts  
Stephen Shelton, Vice Chair  
Tracy Kocher, Business & Applied Technology

**Members Absent:**

Lucy Serrano, Counseling  
Mark Forde, Chino Representative  
Marlene Soto, Health Sciences  
Michael Escobosa, Health Sciences

Patricia Bopko, Financial Aid  
RuthAnn Garcia, Transfer Center  
Sherrie Loewen, Health Sciences  
Vanessa Thomas, Business and Applied Technology

**Guests:**

Amy Nevarez, Counseling and Matriculation  
Valeen Gonzales, Counseling

1. **Call To Order/New Committee Members:** The meeting was called to order at 1:40p.m.
2. **Public Comment:** The Administrative Assistant II for Curriculum announced to the guests that the curriculum meetings are recorded.
3. **Review and Approval of February 27, 2019 Expanded Summary Notes:** The summary notes were approved 14/0/0.
4. **Review and Approval of March 13, 2019 Expanded Summary Notes:** The summary notes were approved 14/0/0.
5. **Discussion Items:**
  - 5.1. **Possible New Software (Demonstrations):** The Curriculum Administrative Assistant announced that two companies have been invited to campus to demonstrate advanced curriculum software. CurriQunet META will be on campus on April 24, 2019 from 12:30-2:30 in WH-112 to demonstrate their curriculum and catalog software. CourseLeaf will be on campus on May 8, 2019 from 12:30-3:30 in WH-112 to demonstrate their curriculum, catalog, and scheduling software. She encourages as many people from different roles and departments to attend. There are seventy-five physical spaces in WH-112, but anyone can ZOOM into the demonstrations. She sent two separate emails on March 29, 2019 for attendees to RSVP to one or both of the demonstrations. All attendees will be given a digital survey to provide feedback that will aid in the decision process.
  - 5.2. **2019-2021 Curriculum Committee Members-** The returning Curriculum Committee members announced the status of the vacant positions for their schools.

1. **Business and Applied Technology (2019-2021):** Tracy Kocher will work with the Curriculum Chair to send out another memo to fill this position.
2. **Business and Applied Technology (Fill for 2018-2020):** Tracy Kocher will work with the Curriculum Chair to send out another memo to fill this position.
3. **Chino Representative:** The Chair will reach out to the Chino campus for a representative.
4. **Health Sciences:** Lisa Doget will be joining the committee.
5. **Instructional Support:** Megan Keebler will return.
6. **Kinesiology, Athletics, & Nutrition:** Candice Hines-Tinsley will be joining the committee.
7. **Language Arts:** Stephen Calebotta will return.
8. **Mathematics and Science:** Rob Kopp will return.
9. **Social and Behavioral Sciences:** Naomi McCool will continue to reach out to faculty in the department.
10. **Student Services:** Helen Leung and Dean Nevarez will reach out to faculty in the department.
11. **Visual and Performing Arts:** John Machado will send out an email to his department.

**5.1. AB-705 Update and Regional Meeting:** The Catalog and Schedule Coordinator reported on his and the Curriculum AAI's attendance at the recent ASCCC Data Revision Recoding Project Regional Meeting held on March 21. He reported the rubric for CB-21 (Prior to College Level) is being edited and reviewed by Math and English faculty across the state, CIOs, the Chancellor's Office, and the Academic Senate in light of AB-705. The rubric will be presented at the Spring Plenary for a vote.

In order to advance reporting for funding purposes, compliance measures, and the Student Centered Funding Formula, several new CB codes are proposed to be created. The new codes are CB-25, CB-26, and CB-27. CB-25 will identify GE requirement or local competency. CB-26 will indicate transfer type (major or elective) and where the course may be transferred to (CSU, UC, or other college). CB-27 will code support course type (support course or not a support course). The presenters at the workshop stated that there will be statewide training and webinars for all colleges once these codes are finalized.

**5.2. Math and English Competency:** Guest Amy Nevarez distributed a handout on the general education requirements and pointed to A2-Mathematics. She asked that the committee look at the prerequisites tied to transfer level classes that may prevent a student from transferring if the Intermediate Algebra component is not completed. Laura Hope responded by sharing that the Articulation Officer has done this and shared that prerequisites will not be an obstacle for the students to register with our placement process. Amy Nevarez shared that the way the students see the prerequisites is blocking them from registering. The Chair commented that we will take a look at the courses impacted by the AB-705 project last spring to reconcile any requisite or description issue that may impact student registration. The Chair suggested a curriculum workgroup partner with Amy and Valeen to fix any unintended impacts of the situation described above.

The Catalog's language will reflect the same language displayed in Title 5. The committee reviewed the proposed language below. Rob Kopp stated his concern about Algebra 1 being considered Intermediate Algebra as he feels the two are not equivalent. Rob shared that Algebra 2 is Intermediate Algebra. Laura Hope referenced the MMAP which states that Algebra 1 is Intermediate Algebra. The committee approved the below language 18/0/0.

1. Students shall obtain a satisfactory grade in a mathematics course at or above the level of the course typically known as Intermediate Algebra (e.g., Algebra 1, Integrated Math-1, or above from high school). The demonstration of this competency is locally determined.
2. Students shall obtain a satisfactory grade in an English course at the level of the course typically known as Freshman Composition (either Freshman Composition or another English course at the same level and with the same rigor, approved locally) that is comparable to satisfactory completion of the specified English course (English-1A or English-101), determined locally.

**5.3. CTE AS Degree Description Explaining General Education:** The Chair showed the committee the language the workgroup drafted to distinguish the descriptions between CTE A.S. Degrees and CTE Certificates in the same discipline. The committee suggested changing modern economy to contemporary economy along with some other minor changes. The committee approved 17/0/0 the following language to be added to CTE AS degrees:

1. *This A.S. degree includes coursework in General Education (English composition, arts and humanities, mathematics and natural sciences, and the social sciences) that provides a strong foundation in the major areas of human study and endeavor, as well as a greater understanding of and appreciation for the world, its people, and the contemporary economy. In addition, these general education courses will enhance communication skills, improve critical thinking skills and help with a professional career in*

**5.4. University Studies (Sierra College Example):** Tabled

**6. Guided Pathways:** Tabled

**7. Miscellaneous:** None

**8. Consent Agenda:** The consent agenda was approved 15/0/0.

**8.1.** The following programs have switched from BUSOT to BUSTEC in Curricunet:

1. Professional Office Skills—Certificate
2. Microsoft Excel—Certificate
3. Microsoft Office—Certificate
4. BIW Stage One—Certificate
5. BIW Stage Two—Certificate

**8.2.** The following programs have switch from BUSOTMD to BUSTECM in Curricunet:

1. Medical Insurance Billing Specialist
2. Outpatient Medical Coder Specialist
3. Medical Biller Specialist
4. Inpatient Medical Coder Specialist
5. Electronic Health Records Specialist

**8.3.** Curricunet Glitch Fix

1. Changed MATH-3 to COMPSCI-4 in Physical Science A.S. Degree. MATH-3 was modified to COMPSCI-4 in 2017 and the modification should have automatically trickled down to the program.

**8.4.** The description for the Nutrition and Dietetics AS-T approved by the Curriculum Committee on February 13, 2019 was edited to replace “transfer to a four year institution” with “transfer to a CSU” per Chancellor’s Office request. The change has been made in the narrative, COCI, and Curricunet per faculty consent.

**8.5.** Due to Chancellor’s Office Approval, the following certificates can now be called Certificate of Achievements in Curricunet. This change has been made for:

1. Athletic Trainer Aide
2. Computer Game Development
3. Mechatronics Level II

**8.6.** Per the Chancellor’s Office Request, the Caregiving Essentials Certificate has changed from a Certificate of Competency to a Certificate of Completion with faculty consent. The narrative for the program has also been adjusted to remove competency and replace it with completion.

**9. NEW BUSINESS:**

**PACKAGE: Business: Legal Studies**

**New Courses: First and Second Reading**

<b>BUSL-496ABC</b>	Internships in Paralegal	Approval: 18/0/0
--------------------	--------------------------	------------------

**Program Modifications: Final Reading**

<b>Paralegal Studies</b>	A.S.	Approval: 18/0/0
<b>Paralegal Studies</b>	Certificate of Achievement	Approval: 18/0/0

**PACKAGE: Kinesiology**

*The discipline faculty discussed their concern about the request to add the sentence “This course is not intended for students participating in intercollegiate baseball” for KINACT-3A and “...for intercollegiate football” for KINACT-5A. Annette Henry and Elaine Martinez mentioned that this new addition seems exclusionary to athletes who play football and baseball who are Kinesiology majors. The Chair stated that the sentence is needed to ensure athletes are not exceeding their 175 hour limit to which Annette confirmed there is a detailed check to ensure this does not happen. Laura Hope emphasized that the state has been strict on repeatability and the hours for athletes and these courses may give the unintended impression to the state that football and baseball players may be receiving more hours than the limit should the statement be removed from the description. The Chair shared that the state will use the TOP Codes assigned to these courses to track and audit colleges’ compliance with repeatability and the intercollegiate hour limit. Annette Henry expressed that there is no intent to give athletes opportunities to receive more hours and she and the department always maintain compliance with the state. The package has been tabled for further discussion.*

**New Courses: First Reading**

<b>KINACT-3A</b>	Beginning Baseball	Tabled: 17/0/0
<b>KINACT-5A</b>	Beginning Flag Football	Tabled: 17/0/0
<b>KINTM-17</b>	Intermediate Dance/Spirit Team	Tabled: 17/0/0
<b>KINTM-64A</b>	Softball Strength and Conditioning for Athletes	Tabled: 17/0/0

**Program Modifications: Final Reading**

<b>Physical Education</b>	A.A.	Tabled: 17/0/0
---------------------------	------	----------------

**NONPACKAGES:**

**Course Modifications w/ DE: First Reading**

<b>CIS-15</b>	Introduction to Database & Database Management Systems	Approval: 17/0/0	Distance Education Hybrid/Online Approval: 17/0/0
<b>ENGL-70A</b>	World Literature I	Approval: 17/0/0	Distance Education Hybrid/Online Approval: 17/0/0
<b>ENGL-70B</b>	World Literature II	Approval: 17/0/0	Distance Education Hybrid/Online Approval: 17/0/0

**Course Deactivations: Final Reading**

<b>GERO-407</b>	Gerontology Career Cooperative Education	Approval: 17/0/0
-----------------	--	------------------

**New Programs: Final Reading**

<b>Radiologic Technology Skills Preparation</b>	Certificate of Completion	Approval: 17/0/0
---	---------------------------	------------------



**Program Modifications: Final Reading**

<b>Computer Information Systems</b>	A.S.	Approval: 17/0/0
<b>Computer Information Systems</b>	Certificate of Achievement	Approval: 17/0/0

**Program Deactivations: Final Reading**

<b>Earth Science</b>	A.S.	Approval: 17/0/0
<b>Education Paraprofessional Level I</b>	Certificate of Career Preparation	Approval: 17/0/0

**10. Adjournment:** The meeting was adjourned at 2:55p.m.

Name	ATTENDANCE	Summary Notes 2/27/2019	Summary Notes 3/13/2019	Consent Agenda	Math and English Competency	CTE AS Description	BUSL-496ABC 1 <sup>ST</sup> /2 <sup>ND</sup> READING	PARALEGAL STUDIES AS FINAL READING	PARALEGAL STUDIES CA FINAL READING	KINACT-3A TABLED	KINACT-5A TABLED	KINTM-17 TABLED	KINTM-64A TABLED	PHYSICAL EDUCATION AA FINAL EADING TABLED	CIS-15 1 <sup>ST</sup> READING	ENGL-70A 1 <sup>ST</sup> READING	ENGL-70B 1 <sup>ST</sup> READING
Angela Burk-Herrick	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Annette Henry	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X
Charmaine Phipps	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Daniel Jacobo	X				X	X	X	X	X	X	X	X	X	X	X	X	X
Elaine Martinez	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Helen Leung	X	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Jeffrey Laguna	X	X	X	X	X		X	X	X								
John Machado	X	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Linda Marcotte	X				X	X	X	X	X	X	X	X	X	X	X	X	X
Lucy Serrano																	
Mark Forde																	
Marlene Soto																	
Megan Keebler	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Michael Escobosa																	
Misty Burruel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Naomi McCool	X				X	X	X	X	X	X	X	X	X	X	X	X	X
Rob Kopp	X	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
RuthAnn Garcia																	
Ryan Sipma	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sean Stratton	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Shelley Marcus	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sherrie Loewen																	
Stephen Calebotta	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Tracy Kocher	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Vanessa Thomas																	
<b>Total Counts</b>	18	14	14	15	18	17	18	18	18	17	17	17	17	17	17	17	17

Non-Voting	
Kathy Lucero	X
Laura Hope	X
Marie Boyd	X
Patricia Bopko	
Sharon Awad	X
Stephen Shelton	X

Name	GERO-407 DEACTIVATION	RADIOLOGIC TECHNOLOGY FINAL READING	COMPUTER INFORMATION SYSTEMS AS FINAL READING	COMPUTER INFORMATION SYSTEMS CA FINAL READING	EARTH SCIENCE DEACTIVATION FINAL READING	EDUCATION PARAPROFESSIONAL LEVEL I FINAL READING
Angela Burk-Herrick	X	X	X	X	X	X
Annette Henry	X	X	X	X	X	X
Charmaine Phipps	X	X	X	X	X	X
Daniel Jacobo	X	X	X	X	X	X
Elaine Martinez	X	X	X	X	X	X
Helen Leung	X	X	X	X	X	X
Jeffrey Laguna						
John Machado	X	X	X	X	X	X
Linda Marcotte	X	X	X	X	X	X
Lucy Serrano						
Mark Forde						
Marlene Soto						
Megan Keebler	X	X	X	X	X	X
Michael Escobosa						
Misty Burruel	X	X	X	X	X	X
Naomi McCool	X	X	X	X	X	X
Rob Kopp	X	X	X	X	X	X
RuthAnn Garcia						
Ryan Sipma	X	X	X	X	X	X
Sean Stratton	X	X	X	X	X	X
Shelley Marcus	X	X	X	X	X	X
Sherrie Loewen						
Stephen Calebotta	X	X	X	X	X	X
Tracy Kocher	X	X	X	X	X	X
Vanessa Thomas						
<b>Total Counts</b>	17	17	17	17	17	17

Sierra College: Using Guided Pathways to Reach the Vision for Success Goals



Willy Duncan, Superintendent/President  
Mandy Davies, VP Student Services  
Linda Williams, Financial Aid Director



---

---

---

---

---

---

---

---

Began in Fall 2015 with formation of the Reengineering Sierra for Student Success (R4S) Task Force



Facilitated discussions on change management and student momentum points for faculty, classified staff, and managers.

---

---

---

---

---

---

---

---

Developed Problem Statement:

**Students at Sierra are not reaching their educational goals in a timely manner, or at all.**



---

---

---

---

---

---

---

---

Fall 2016 - created templates for each degree and certificate

Before

Section	Code	Unit	Prerequisite	Grade	Notes
A	ANTH 101	3		C	Introduction to Anthropology
B	ANTH 102	3		C	Human Evolution and Cultural Change
C	ANTH 103	3		C	Principles of Physical Anthropology
D	ANTH 104	3		C	Principles of Cultural Anthropology
E	ANTH 105	3		C	Principles of Archaeology
F	ANTH 106	3		C	Principles of Linguistics
G	ANTH 107	3		C	Principles of Human Biology
H	ANTH 108	3		C	Principles of Human Geography
I	ANTH 109	3		C	Principles of Human Ecology
J	ANTH 110	3		C	Principles of Human Behavior

After

Associate of Arts Transfer - Anthropology		
<b>YEAR ONE</b>		
Fall Semester		
<b>MAJOR REQUIREMENTS</b>		
ANTH 101	3	Spring Semester
ANTH 102	3	Summer
ANTH 103	3	Fall
ANTH 104	3	Fall
<b>MAJOR ELECTIVES</b>		
<b>GENERAL EDUCATION (for degree or transfer)</b>		
English I		
Math I or MATH 101		
History or HIST 201		
Civics or PERS 101		
Foreign Language I		
Social Sciences I		
<b>YEAR TWO</b>		
Spring Semester		
<b>MAJOR REQUIREMENTS</b>		
ANTH 105	3	
ANTH 106	3	
ANTH 107	3	
ANTH 108	3	
ANTH 109	3	
<b>MAJOR ELECTIVES</b>		
<b>GENERAL EDUCATION (for degree or transfer)</b>		
English II		
Math II or MATH 102		
History or HIST 202		
Civics or PERS 201		
Foreign Language II		
Social Sciences II		
<b>Total Semester Units</b>		
18		
<b>Total Semester Units</b>		
66		

---

---

---

---

---

---

---

---

---

---

Spring 2017 - organized 150 programs of study

AA - Associate of Arts	AS - Associate of Science	BA - Bachelor of Arts	BS - Bachelor of Science
MA - Master of Arts	MS - Master of Science	PhD - Doctor of Philosophy	...
...	...	...	...




---

---

---

---

---

---

---

---

---

---

...Into 9 Interest Areas

SIERRA COLLEGE   FIND YOUR INTEREST		
Applied Technology	Business and Innovation	Earth and Environment
Education	Language and Literacy	People Culture and Society
Public Safety Health and Wellness	Science, Technology, Engineering and Math	Visual and Performing Arts

---

---

---

---

---

---

---

---

---

---

## New Systems Design Thinking:

- How can we *support our at-risk and equity populations* who have declared a major for financial aid eligibility but are really undecided about their goal?
- How can we provide career exploration activities to help undecided students make informed choices, *reduce excess units* and *increase completion rates*?

---

---

---

---

---

---

---

---

## Spring 2018 - began to integrate and resource career planning



---

---

---

---

---

---

---

---

## Old Paradigm: What's your major?    New Paradigm: What's your career goal?



---

---

---

---

---

---

---

---

**SIERRA COLLEGE** [About](#) [Academics](#) [Admissions](#) [Student Services](#) [Athletics](#) [Events](#)  [mySerra](#) [Apple](#)

# Academics

Programs, courses and support to help you open new doors.

**Customized Career Coach to our region and our programs.**

**Get Started Here**

- [Explore Our Academic Programs](#)
- [Discover Careers and Salaries](#) (Circled in red)
- [Browse the Class Schedule](#)
- [View the Academic Calendar](#)
- [View Online Catalog](#)

---

---

---

---

---

---

---

---

**Electronic Drafters**  
 Draw wiring diagrams, circuit board assembly diagrams, schematics, and layout drawings used for manufacture, installation, and repair of electronic equipment.

Annual Wage	\$48,898
Top Entry-level Education	<ul style="list-style-type: none"> <li>An Associate Degree: 55%</li> <li>A Certificate: 30%</li> <li>A Bachelor's Degree: 15%</li> </ul>

**Mapping Technicians**  
 Calculate mapping information from field notes, and draw and verify accuracy of topographical maps.

Annual Wage	\$29,248
Top Entry-level Education	<ul style="list-style-type: none"> <li>A Bachelor's Degree: 48%</li> <li>Some College: 14%</li> <li>A Certificate: 38%</li> </ul>

**Civil Engineering Technicians**  
 Apply theory and principles of civil engineering in planning, designing, and overseeing construction and maintenance of structures and facilities under the direction of engineering staff or physical scientists.

---

---

---

---

---

---

---

---

**SIERRA COLLEGE**

[Assessment](#) [Careers](#) [Programs](#)

## Welcome to Career Coach

Discover majors and in-demand careers and education based on your interests!

**Take Career Assessment**

Take a Career Assessment to learn about yourself and Career Coach will give you career suggestions based on your interests.

**Browse Careers**

Browse or search for careers and we will give you relevant data on wages, employment, and the training you need.

**Browse Programs**

Browse or search for the available programs that lead to the career you want.

**Quick Start Assessment**

6 questions (Circled in red)

**Detailed Assessment**

60 questions (Circled in red)

---

---

---

---

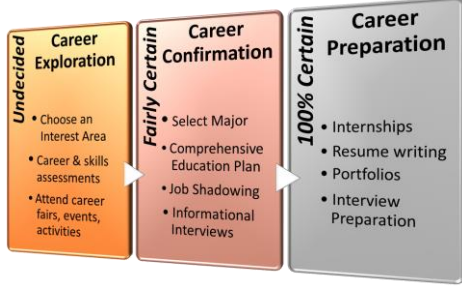
---

---

---

---

**Created Career Development Continuum with targeted activities**



---

---

---

---

---

---

---

---

US Department of Education regulations regarding financial aid eligibility don't align with the concept of Meta Majors. Students must declare a major to be eligible.



---

---

---

---

---

---

---

---



- Made a proposal to Vice Chancellors Perez and Mohr and Executive Vice Chancellor Hope to use "General Studies" for each Interest Area
- Chancellor's Office researched implications, including legal ramifications, and agreed to prototype the solution with Sierra as the test case with the caveat that undecided students must be guided to a program of study within one year



---

---

---

---

---

---

---

---



- Articulation Officer created 9 new General Studies programs, one for each Interest Area and flagged them as Financial Aid eligible
- New programs uploaded to CCCApply using student-friendly language
- Created flags in **Starfish** identifying students who didn't declare a major
- Created Financial Aid processes to ensure students will only receive aid for one year
- Providing interventions (e.g. workshops, counseling, informational interviews, job shadows) to help them select a program of study based on career goal by not later than the end of their second term
- Went live in CCCApply for Spring 2019 applicants




---

---

---

---

---

---

---

---

**Sierra College CCCApply Screen Shot**

Selected Major or Program of Study

-- Select --

I haven't decided - People/Culture/Society

Anthropology- AA -T Degree

Art History- AA -T Degree

Comm Studies- AA -T Degree

History- AA -T Degree

Humanities- Alan Studies- AA Degree

Humanities-Diverse Perspec- AA Degree

Humanities-General- AA Degree

Journalism- AA -T Degree

LGBT Studies- AA Degree

Philosophy- AA -T Degree

Philosophy- AA Degree

Political Science- AA -T Degree

Psychology- AA -T Degree

Psychology- AA Degree

Psychology- AS Degree

Social Justice Studies- AA -T Degree

Social and Behavioral Sci- AA Degree

Social and Behavioral Sci- AS Degree




---

---

---

---

---

---

---

---

**Spring '19 application counts to date under a "soft launch"**

	Declared a major	Chose an Interest Area	
Applied Technologies	1989	99	5%
Business and Innovation	1296	165	13%
Earth and Environment	212	60	28%
Education	491	176	36%
Language and Literature	245	65	27%
People, Culture and Society	738	83	11%
Public Safety, Health and Wellness	1851	106	6%
Science, Technology, Engineering and Math	1032	136	13%
Visual and Performing Arts	544	103	19%
<b>Total Spring 19 Applicants to date</b>	<b>8398</b>	<b>993</b>	<b>11%</b>




---

---

---

---

---

---

---

---

Questions?

---

---

---

---

---

---

---