Housekeeping and ASCCC Resources

ASCCC GP Canvas - https://tinyurl.com/CCC-GP2018

ASCCC Guided Pathways RESOURCES

https://www.asccc.org/guided-pathways

Resources for Today

Guidelines for Developing Metamajors and Program Mapping

Previous Metamajors webinars

Welcome! We'll be with you shortly

The chat will be used for questions and input

All attendees will be muted until the end when we will entertain questions if time

Academic Senate
for California Community Colleges

LEADERSHIP. EMPOWERMENT. VOICE.

The Reality of Metamajor and Program Mapping Work: Interviews with the Field

Presenters:

Charles Otwell, Curriculum Committee Co-Chair, Department Chair Philosophy, Orange Coast College

Michelle Sowers, Dean of Instruction Lake Tahoe Community College

Victoria Dominquez, Mathematics Faculty, Guided Pathways Co-lead, Citrus College

Natalie Desimone, Career Counselor/Instructor, Guided Pathways Faculty Co-Lead, Citrus College

Randy Beach, ASCCC Guided Pathways Lead, Southwestern College

Marcy Alancraig, Cabrillo College, Guided Pathways Lead

Alyssa Nguyen, RP

Janet Fulks, ASCCC Guided Pathways Lead, Capacity Building

Today's Colleges

Orange Coast (OCC)
19,751 FTES
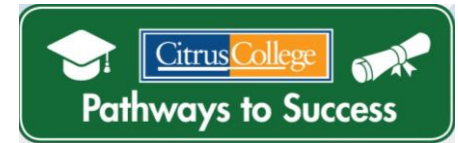28,721 students
Large urban
Largest CTE FTES

Lake Tahoe Community College (LTCC)
3,097 FTES
6,747 students
small rural-close community

Citrus College
12,308 FTES
19,948 students
Mid-size suburban
Largest noncredit FTES

Southwestern College
14,379 FTES
27,407 students
Large urban - Basic Skills & CTE

Cabrillo College
17,222 students
9,377 FTES
Mid-size suburban

Orange Coast College

Charles Otwell, Curriculum Committee Co-Chair, Department Chair Philosophy, Orange Coast College

Barriers to Choosing an Appropriate Major

1. Uncertainty or indecision about a career
2. Web site navigation
3. Catalog
4. Advising resources and messaging
5. ASSIST.org
6. Degree works
7. Difficulties linking majors to career outcomes, and time to achievement of the outcome

Our Design Principles and Values

- Alignment with the Orange Coast College mission
- Simplicity
- Clarity of career options
- Opportunities for interdisciplinary collaborations/ communities within clusters
- Flexibility (for student mobility)
- Opportunities for early embedded exposure (job shadowing, internships, etc.)
- Cluster-specific counseling at or near the top layer
- Focus on the student voice

Developing the Metamajors

Clusters for Focus Groups

Finding Your Pathway Career and Personal Exploration	Interacting with Others Business, Leadership and Communication, Computer Science, Information Technology, Economics English	Understanding the Natural World Natural Sciences, Math, Geography, Astronomy, Geology, Marine Sciences
Investigating the Human Condition Global Studies, Humanities, Social Sciences, Psychology Anthropology, Geography, Kinesiology	Creating to Inspire Visual and Performing Arts and Design, Creative Writing, Architecture, Fashion, Film and TV	Serving the Community Health and Public Services, Early Childhood, Culinary Arts, Hospitality; Counseling, Kinesiology, Pilot Training, Teaching and Counseling
	Building and Fixing Things Industry and Industrial Technology, Engineering, Math, Architecture, Construction, Airline Maintenance, Welding	

- "Top-down"
  - We are deciding between traditional academic clusters and descriptive headings
  - The first draft has been out in the wild for two months

Developing the Metamajors

- "Bottom-up"
  - Program sorts by student groups and design team
  - Looking at clusters as interdisciplinary communities with certain shared attributes, not just groups of programs
- Based on principles:
  - Clarity/simplicity
  - Not "job market vs. transfer" but types of job markets
  - Math requirements
  - GE patterns for local and transfer degrees
  - Simplifying decision-making with the end in mind

What we are Learning

- One size does not fit all students
  - Students are asking for multiple "onramps" to pathways
- Transparency!
  - Communicating with the campus early and often
  - Communication strategy that includes all constituent groups
- Guided Pathways is cross-functional work
  - Discussions with web-redesign team
  - Cross-functional membership on all design teams
  - Input/feedback from all constituencies
- Don't rush the process
  - Consider all relevant factors (e.g. mission, ISLO's, college themes)
 - The continuous-improvement model

Lake Tahoe Community College

Meta-Majors

Michelle Sowers

Developing Meta Majors: Process

- All faculty days: 2017-2018
- Theme of the year:
  - Guided Pathways "Meta-Majors"
- In the Beginning
  - Faculty buy-in: presenting framework (data, meetings, presentations, brainstorming)

  - Disseminating information all year long. Conversations at all levels: classified, faculty, administration, Board of Trustees

  - Brainstorm faculty day Spring 2018- what are meta-majors? How can we develop them? What is the process?
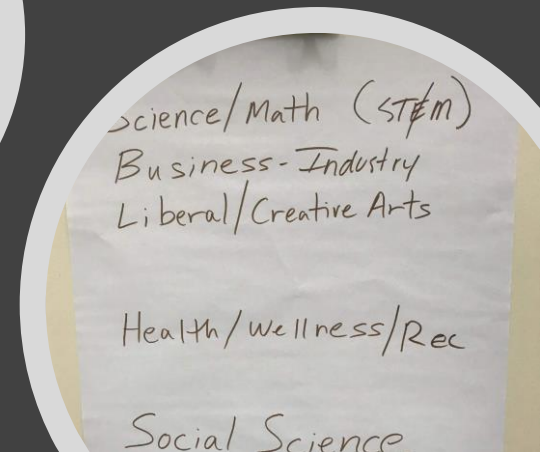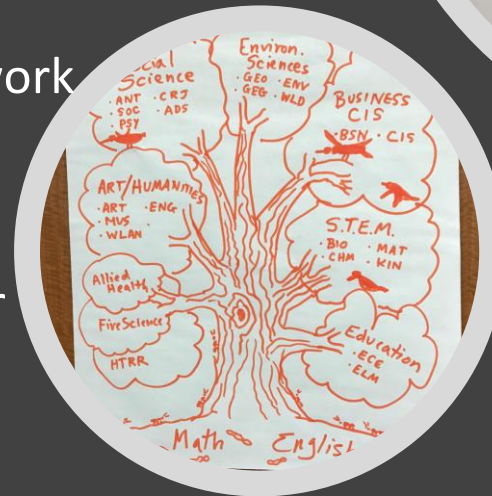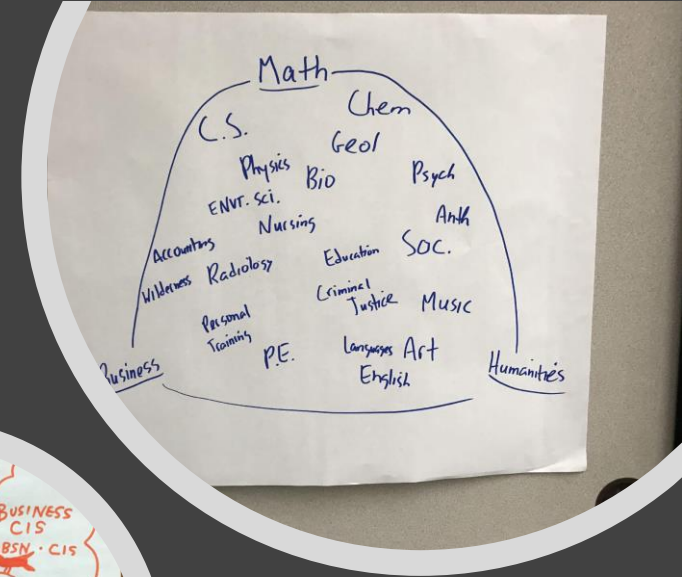
Faculty Get to Work: 2018-2019

- Small faculty: able to have all faculty participate

- Heavy lifting from Guided Pathways work team, but all faculty participated in Meta-Major work

- Counselor input was invaluable

- How to "roll out"?

- What steps necessary?
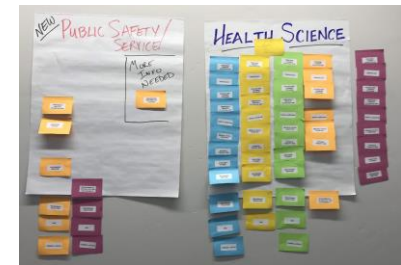
Faculty Driven Ideas: Where We Landed

- Raw notes and beginnings
- Presented to:
  - Board Of Trustees
  - Student Senate
  - Classified Senate
  - Academic Senate

- Continued to refine and discuss throughout the year

- Summer/Fall "roll out"

- Next steps:
  Scheduling/catalog
  Mapping
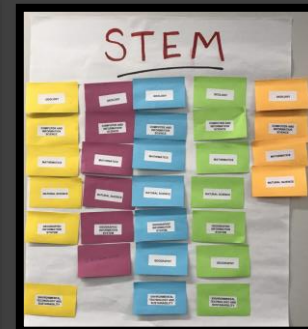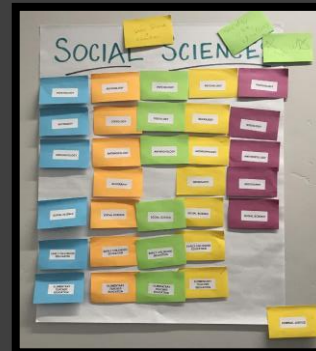
Finalizing and Rolling Out

- A group consisting of College President, Academic Senate President, Director of Marketing and Outreach, and an outside design group got together to create the "look" and "feel" of Lake Tahoe Community College Meta-Majors.

- Presented to all constituencies

- Ready to roll for Summer/Fall 2019 Combined Schedule, Senior Day, Early Registration

SOCIETY · CULTURE · EDUCATION

ARTS · LANGUAGES · HUMANITIES

HEALTH & PUBLIC SAFETY

BUSINESS · HOSPITALITY · LEADERSHIP

SCIENCE · TECHNOLOGY · ENVIRONMENT

Next Steps

- Roll out to students:
  - Summer/Fall schedule
  - Senior Day
  - New student orientation
  - Coyote Kick-Off day

- Continue with Mapping

- Meta-Major counselors

- Promise Program Peer Navigators organized around Meta-Majors

Lessons Learned

- Counseling faculty are critical! This is what they do-involve them in every stage. We could NOT have done this without their help.

- Involve Student Services staff in Guided Pathways conversations early (they are often on the front line)—we brought specialized Student Services Guided Pathways speaker(s)

- Get everybody on board EARLY!

- Be flexible

- Realize it's an evolving process

- Be sensitive to fear of change and loss and aware of campus culture

Citrus College Metamajors

Victoria Dominquez, Mathematics Faculty, Guided Pathways Co-lead, Citrus College

Natalie Desimone, Career Counselor/Instructor, Guided Pathways Faculty Co-Lead, Citrus College
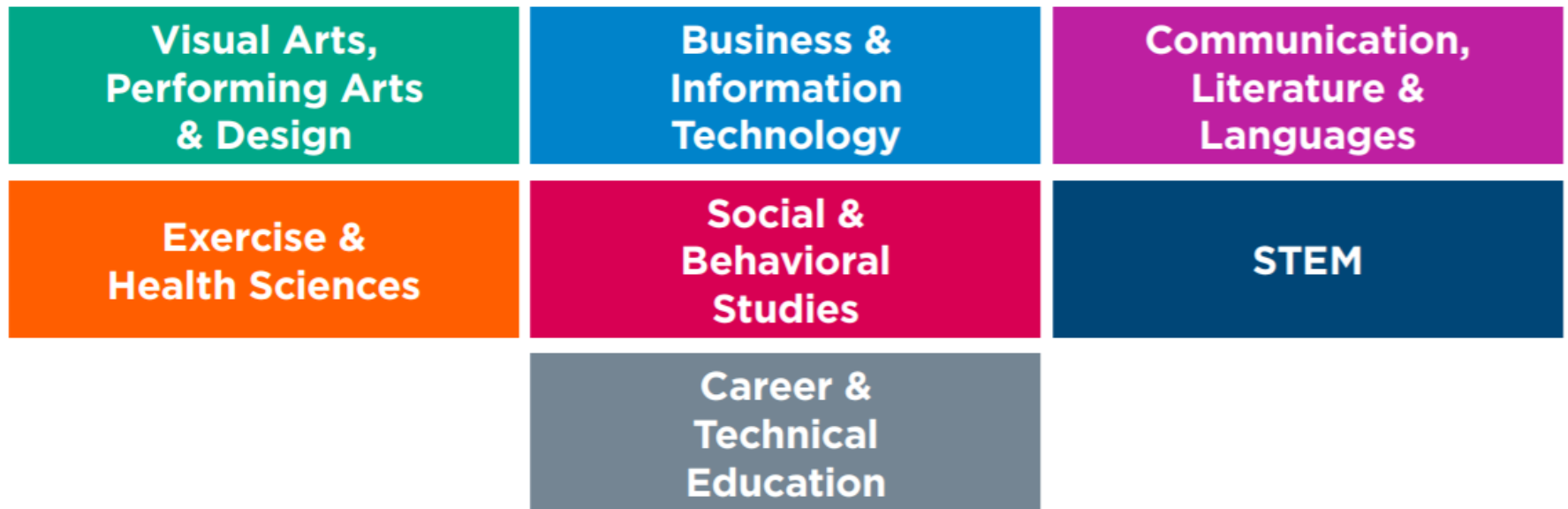
What stage we are at

- Just finalized our 7 CAPs (Career & Academic Pathways)
- Conducted a Campus Forum on 4/26/19 to unveil the CAPs
  - Faculty from the CAP disciplines shared their stories of how they came to be in the discipline they teach in (very impactful)
  - CAP development was a year-long process, including 3 Student sorting activities, a staff group and a faculty group in Fall 2018, a draft was created from the inquiry groups and vetted in 3 Faculty meetings in Spring 2019.
  - The RP Group took our programs and created their own CAPs based on shared coursework; their results were useful, had a lot of commonality with what we came up with and confirmed our struggles with certain programs (Cosmetology and Esthetician were hard for RP and us to place in a CAP home)
  - Natalie & Victoria have presented the CAPs through our shared governance process: Senate, EPC, Curriculum, Associated Students, divisions
- *Two of our CAPs will be piloted in 2020: STEM and Exercise & Health Sciences*

Career & Academic Pathways (CAPs)

Visual Arts, Performing Arts & Design	Business & Information Technology	Communication, Literature & Languages
Exercise & Health Sciences	Social & Behavioral Studies	STEM
	Career & Technical Education	

A timeline of our plans

- Counselor/Articulation Office and Program Review Faculty Coordinator are creating the program course mappings for all AS/AA/ADT programs in the 2 pilot CAPs
  - 2 year/3 year maps
  - Meeting with individual programs to discuss the mapping
    - Courses causing program bottlenecks?
    - Program faculty-recommended GE courses
- Development of Completion and Support Teams (now through the end of the year)
  - What kind of Completion and Support Team is realistic for Citrus College?
- Spring 2020: Early Decision students (if part of the pilot CAPs) will be identified as GP students, and served under the GP 4 pillars
- Fall 2020: All students who are part of the pilot CAPs will be identified as GP students, and served under the GP 4 pillars

Good outcomes

- Positive response from all campus constituents
  - Faculty said they have never seen this kind of faculty engagement and ownership before
  - Deans seem to be on-board and open to the changes that Guided Pathways will bring

Lessons learned

- Transparency in all things Guided Pathways
- Meet early and often with stakeholders (face-to-face)
- Our biggest lesson so far has been that we wished we had started designing the completion teams a year ago, because we get the most questions about these teams from all parts of our campus.

Other important notes

- Excited to see how students will benefit from Guided Pathways!

Citrus College

Visual Arts, Performing Arts & Design

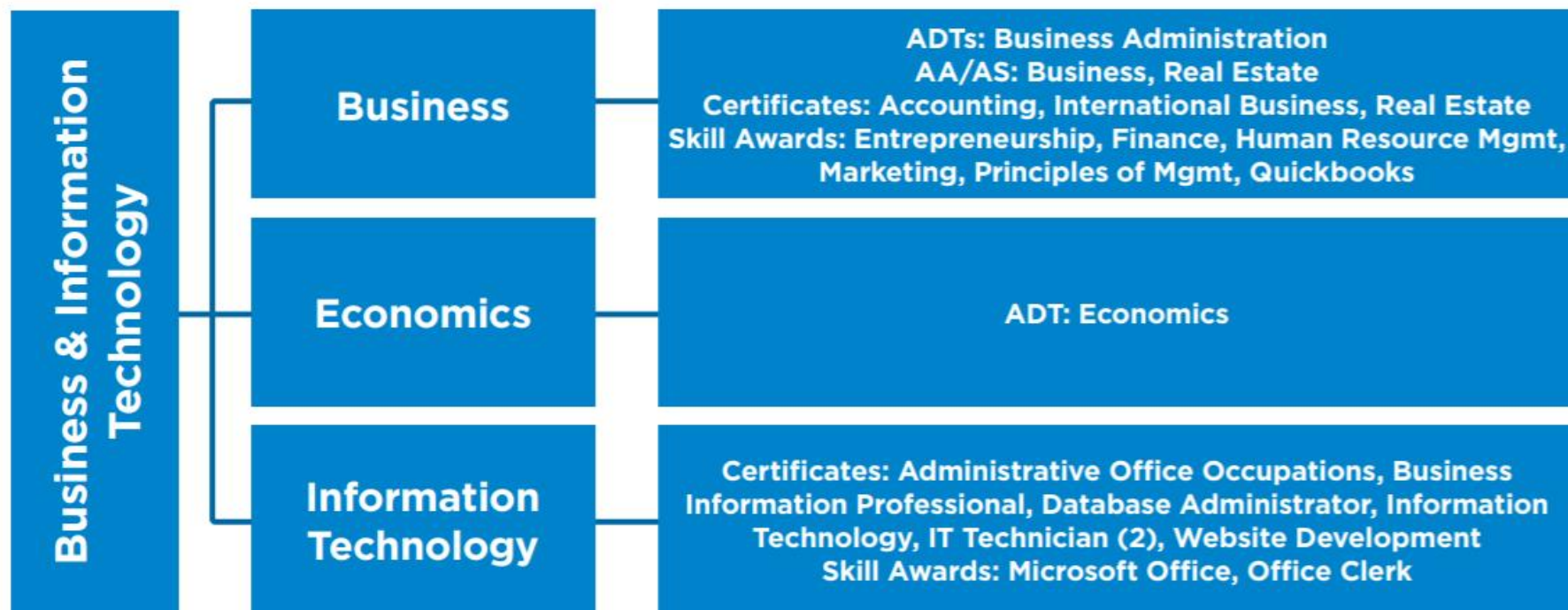### Architectural Design
AA/AS: Architecture, Design & Engineering Drawing Technology
Certificates: Architectural Design, Computer Generated Imagery (CGI), Computer-Aided Design (CAD) - Architecture & Drafting

Performing Arts
ADTs: Theatre Arts
AA/AS: Dance, Music, Recording Technology, Theatre Arts, Theater Arts/Acting Emphasis
Certificates: Audio Recording Technology, Commercial Dance, Emerging Theatre Technologies

Visual Arts
ADTs: Art History, Studio Arts
AA/AS: Digital & Web Design, Photography, Visual Arts
Certificates: Ceramics, Digital & Web Design, Media Arts, Photography

Citrus College

Business & Information Technology

Business
ADTs: Business Administration
AA/AS: Business, Real Estate
Certificates: Accounting, International Business, Real Estate
Skill Awards: Entrepreneurship, Finance, Human Resource Mgmt, Marketing, Principles of Mgmt, Quickbooks

Economics
ADT: Economics

Information Technology
Certificates: Administrative Office Occupations, Business Information Professional, Database Administrator, Information Technology, IT Technician (2), Website Development
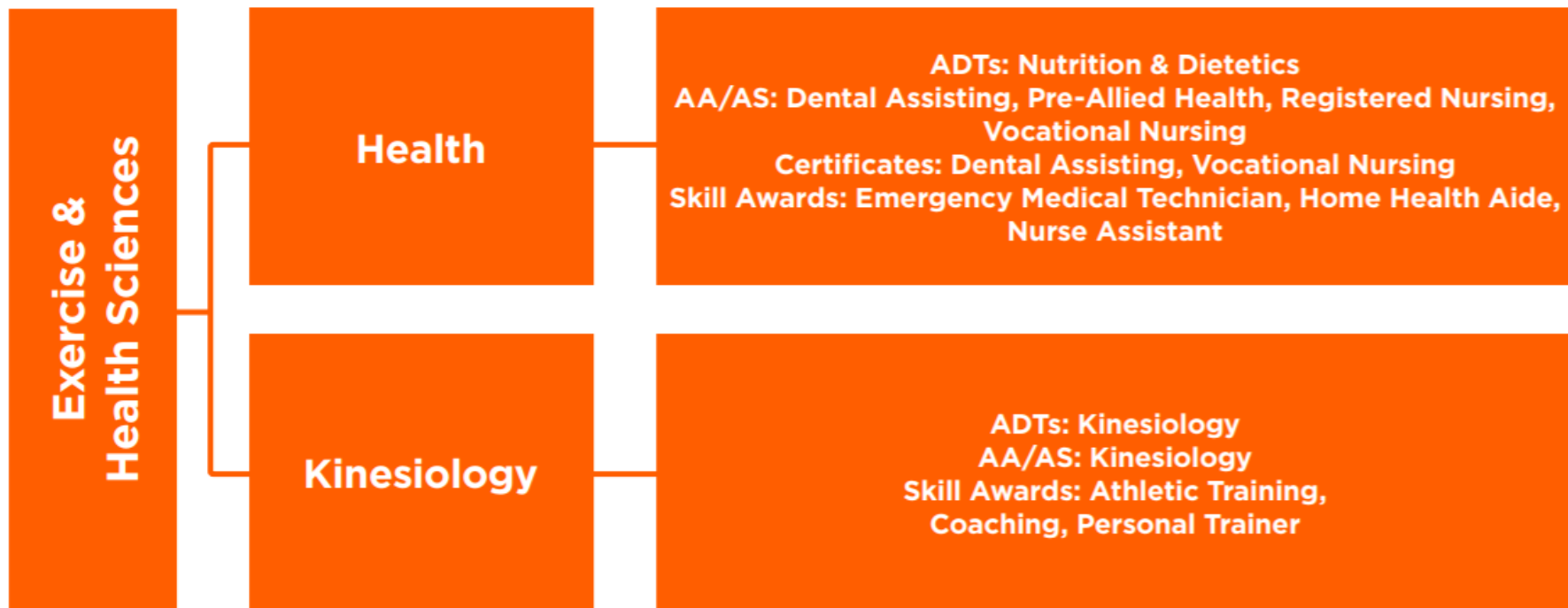Skill Awards: Microsoft Office, Office Clerk

Citrus College

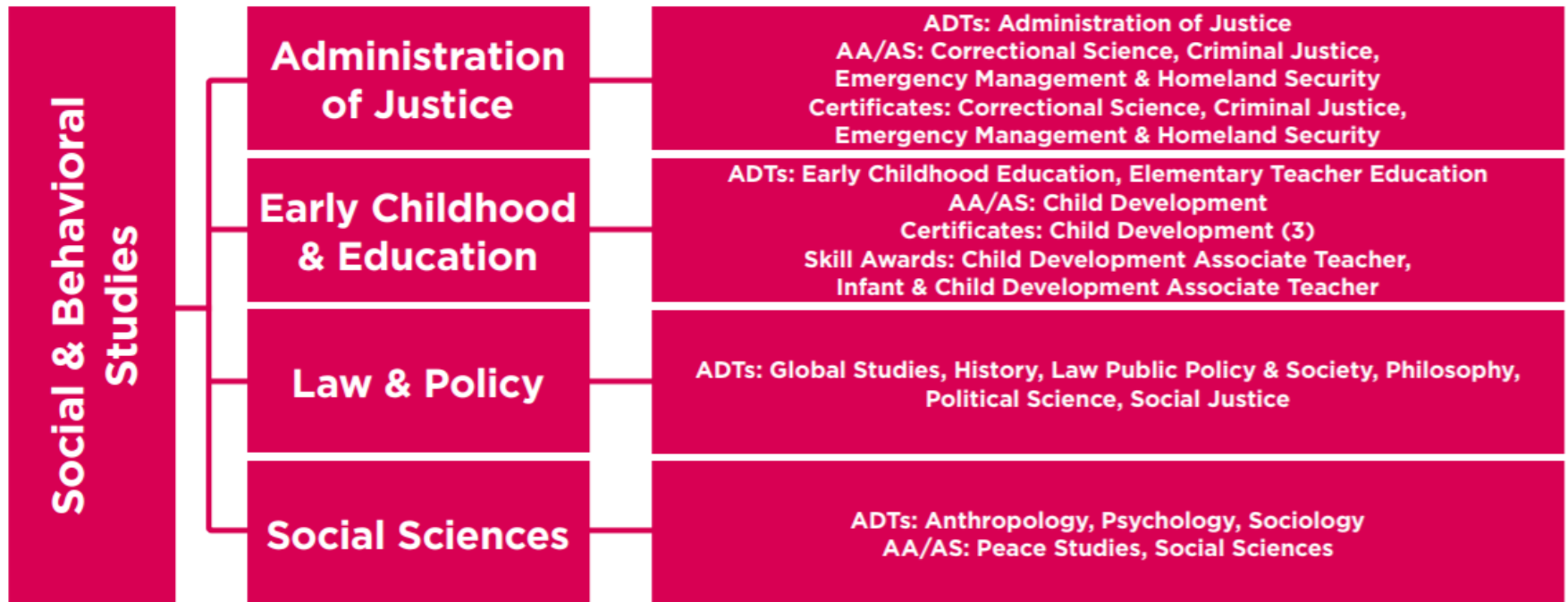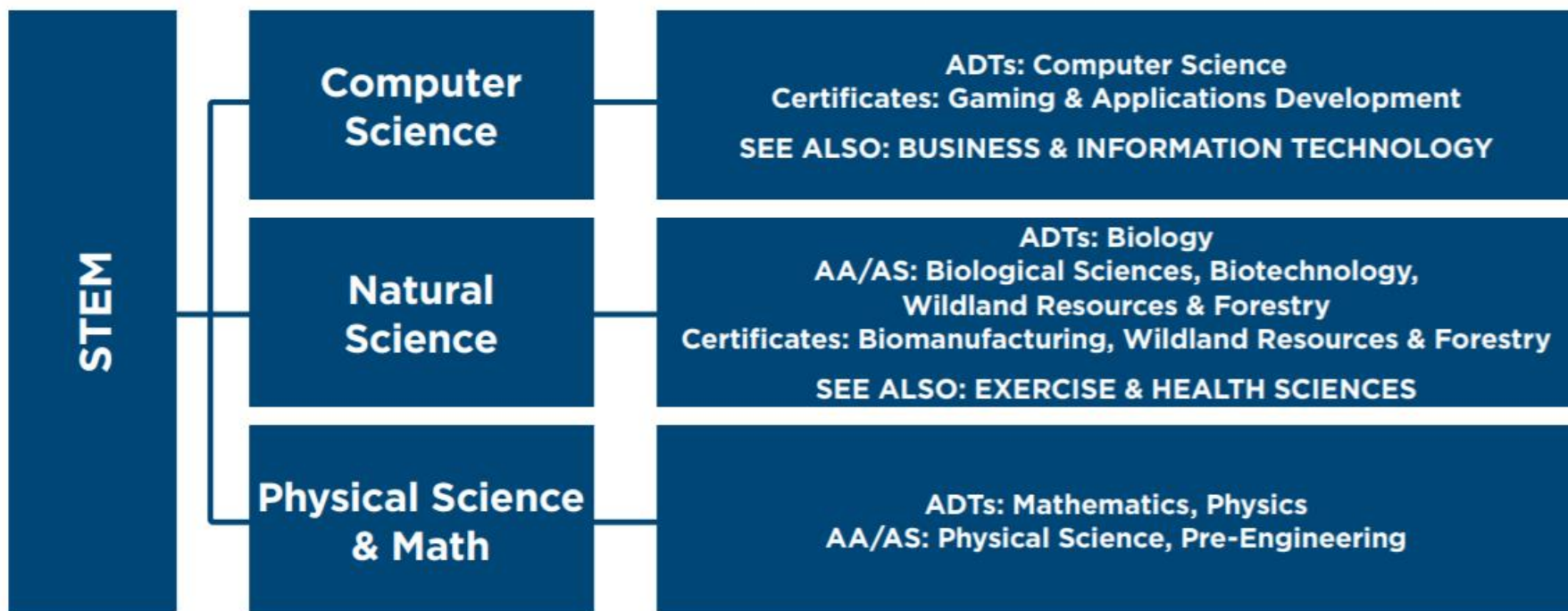**Communication, Literature & Languages**

Communication
ADTs: Communication Studies, Journalism
Certificates: Writing Competency
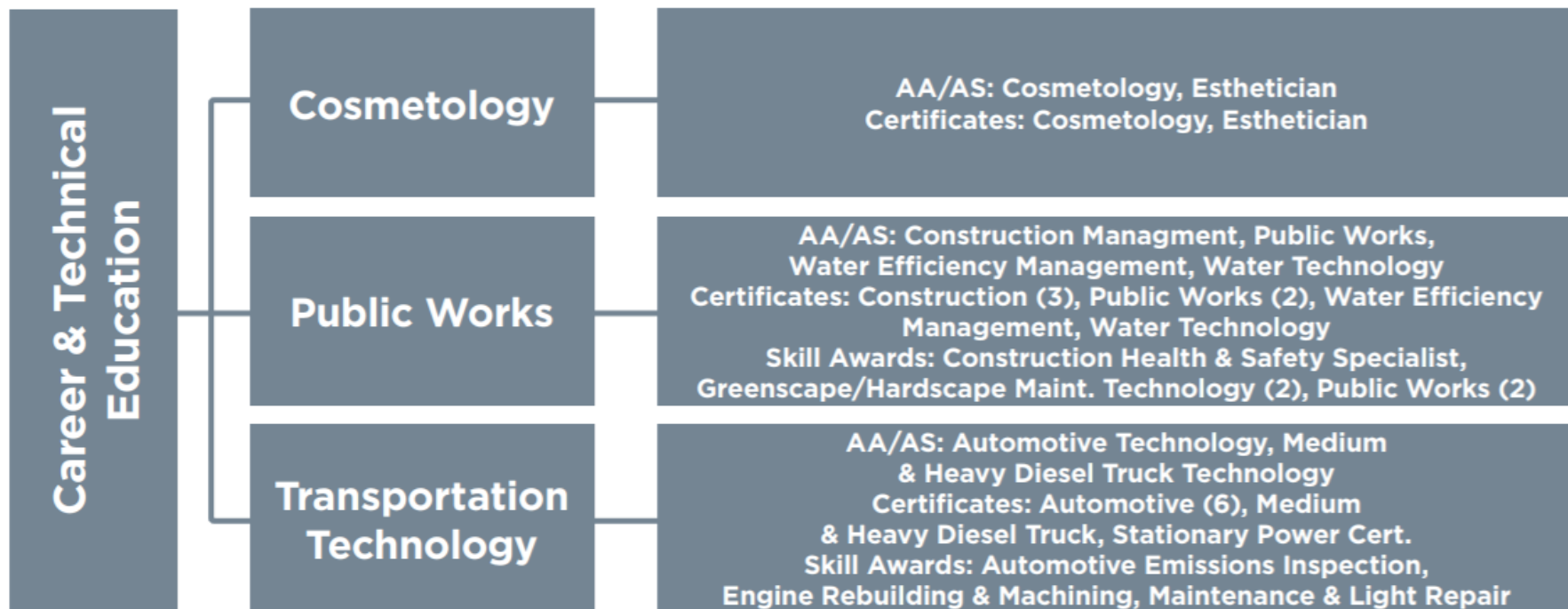Skill Awards: Journalism

Literature & Languages
ADTs: English, Spanish
AA/AS: English Literature, Liberal Arts/Humanities Emphasis
Certificates: Literature, ESL (9) Non-Credit

Citrus College

Exercise & Health Sciences

Health
- ADTs: Nutrition & Dietetics
- AA/AS: Dental Assisting, Pre-Allied Health, Registered Nursing, Vocational Nursing
- Certificates: Dental Assisting, Vocational Nursing
- Skill Awards: Emergency Medical Technician, Home Health Aide, Nurse Assistant

Kinesiology
- ADTs: Kinesiology
- AA/AS: Kinesiology
- Skill Awards: Athletic Training, Coaching, Personal Trainer

Citrus College

Social & Behavioral Studies	Administration of Justice	ADTs: Administration of Justice AA/AS: Correctional Science, Criminal Justice, Emergency Management & Homeland Security Certificates: Correctional Science, Criminal Justice, Emergency Management & Homeland Security
	Early Childhood & Education	ADTs: Early Childhood Education, Elementary Teacher Education AA/AS: Child Development Certificates: Child Development (3) Skill Awards: Child Development Associate Teacher, Infant & Child Development Associate Teacher
	Law & Policy	ADTs: Global Studies, History, Law Public Policy & Society, Philosophy, Political Science, Social Justice
	Social Sciences	ADTs: Anthropology, Psychology, Sociology AA/AS: Peace Studies, Social Sciences

Citrus College

STEM

Computer Science
ADTs: Computer Science
Certificates: Gaming & Applications Development

SEE ALSO: BUSINESS & INFORMATION TECHNOLOGY

Natural Science
ADTs: Biology
AA/AS: Biological Sciences, Biotechnology, Wildland Resources & Forestry
Certificates: Biomanufacturing, Wildland Resources & Forestry

SEE ALSO: EXERCISE & HEALTH SCIENCES

Physical Science & Math
ADTs: Mathematics, Physics
AA/AS: Physical Science, Pre-Engineering

Citrus College

Career & Technical Education

Cosmetology

AA/AS: Cosmetology, Esthetician
Certificates: Cosmetology, Esthetician

Public Works

AA/AS: Construction Managment, Public Works,
Water Efficiency Management, Water Technology
Certificates: Construction (3), Public Works (2), Water Efficiency
Management, Water Technology
Skill Awards: Construction Health & Safety Specialist,
Greenscape/Hardscape Maint. Technology (2), Public Works (2)

Transportation Technology

AA/AS: Automotive Technology, Medium
& Heavy Diesel Truck Technology
Certificates: Automotive (6), Medium
& Heavy Diesel Truck, Stationary Power Cert.
Skill Awards: Automotive Emissions Inspection,
Engine Rebuilding & Machining, Maintenance & Light Repair

Randy Beach, Guided Pathways Lead, English Faculty

Southwestern College

Metamajors…A little magic couldn't hurt!

The Beginning

- Accepted into CAGP in Spring 2017
- Jaguar Pathways Advisory Committee established the Program Mapping Development Team (PDT) to focus on mapping process in Fall 2017
- Soon became clear we needed to review maps and metamajors together to help inform values of the maps
  - Shared courses
  - Shared first semester
  - Shared General Education recommendations

- Established cross-functional Guided Majors / Career Exploration team with broader mission in early Spring 2018

Sorting Out the Chaos

- Conducted "sorting" activities with students and staff in early spring 2018

- Developed draft "buckets" in late spring 2018

- Vetted the draft at our summer 2018 retreat in Palm Springs

- Brought the draft back to full district in September/October 2018 for more vetting

Asking Questions

- Conducted presentations and distributed an electronic survey for both the names of the buckets and the sorting of program areas

- Approximately 1,600 responses for survey across constituent groups

- Sorted 84 "program areas" which included 340+ degrees and certificates
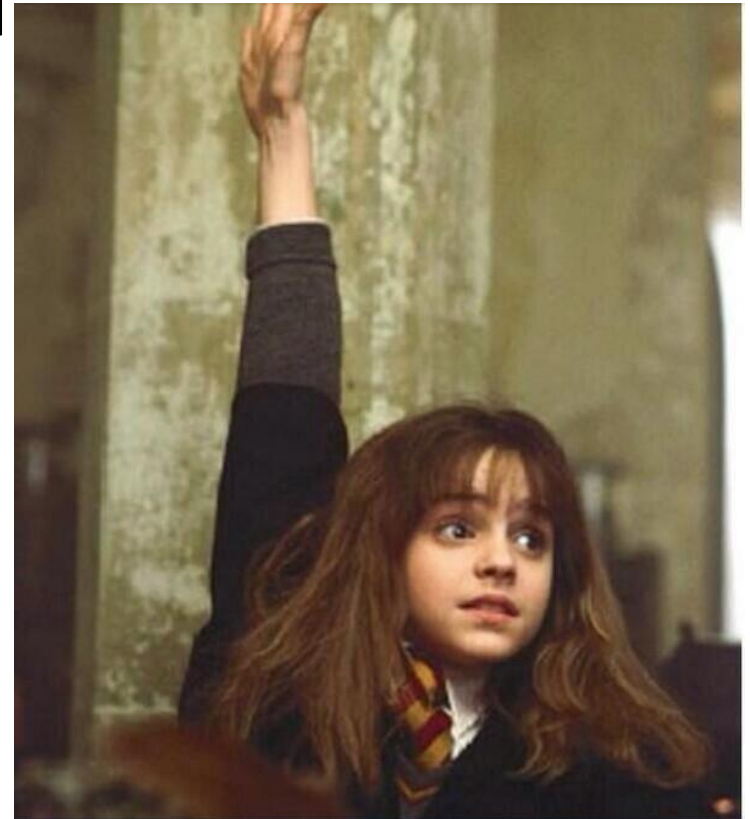
We Did It!

- Senate approved Fields of Study and sortings in October 2018
- Redesigned website for the Fields of Study
- Created videos with Powtoon explaining "Fields of Study" and Jaguar Pathways overall

Fields of Study

- Established "Fields of Study" and program sorting
    - Arts, Media, and Design
    - Social and Behavioral Sciences
    - Business
    - Service Industries, Technology, Information Systems
    - Education
    - English, Communication, and
    - Explorations and Undecided
    - Health and Medical Occupations
    - Public Safety, Law, and Professional Services
    - Science, Technology, Engineering, and Mathematics
    - Cultural Studies, Humanities, and World Languages

What's Coming Next?

- Redesigning CCCApply to begin with Fields of Study

- Developing electronic marketing and social media campaign around Fields of Study

- Planning evaluation of website and fields of study in fall

Our Website

Cabrillo College's Adventures with Metamajors

Marcy Alancraig, English Faculty and Faculty Lead for Guided Pathways

Cabrillo College Process for Developing Metamajors

❖ **Spring 2017**

- Sorting the Metamajors Exercise
- Sorting the Sorts – based on major prep

❖ **Fall 2017**

- Flex presentation of metamajor drafts – 4 or 6?
- Revision of metamajors based on departmental feedback
- Survey of students to name the metamajors
- Survey of faculty for a term other than metamajor

Cabrillo's Career and Academic Pathways (CAPs)

- STEM

- Global and Human Studies

- Creative Arts and Design

- Health and Public Service

- Entrepreneurship and Business

Where are we now?

- ❖ Fall 2017-2018 - Created one map for each program
- ❖ Now:
  - ❖ Implementing Program Mapper software to show maps
  - ❖ Creating CAP supports and activities to answer Rob Johnson's question, "How is the student experience different now that you have metamajors?"
    - Redesigning orientation to feature CAPs
    - Creating student support teams for each CAP
    - Creating CAP centers where students study and faculty hold office hours
    - Infusing career information into CAP curriculum
    - Designing extracurricular activities that give students career info and experiences

Lessons Learned

- Cross Functional Teams with Counseling and Instructional Faculty are Crucial!
- Define terms
  - What's a metamajor? How will it be used?
- Use Data
- Embrace GP as an iterative process -- things will change

RP/ASCCC Collaboration

Looking at curricular overlap to examine clusters/metamajors

An RP/ASCCC Collaboration

- Could we help colleges by electronically analyzing the curricular overlap among courses and programs as a draft start on clustering?

- Could RP develop the algorithm and then use the posted Chancellor's Office Curriculum Inventory and provide colleges with the data to examine?

- Could ASCCC help integrate program and curriculum considerations and dialog regarding the factors contributing to clusters?

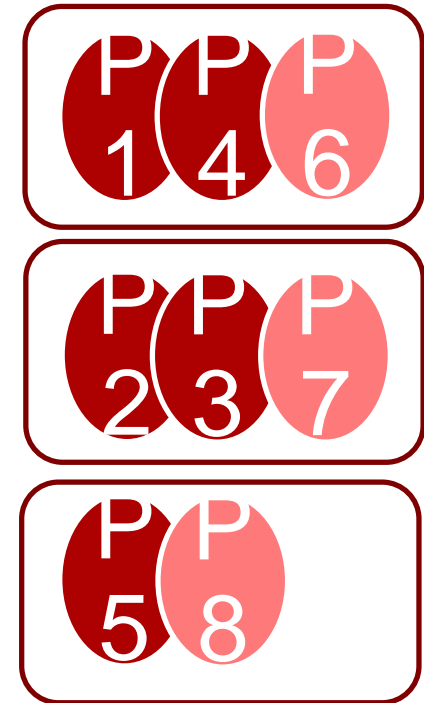- Would colleges like the help and additional data?

Meta-major clustering overview
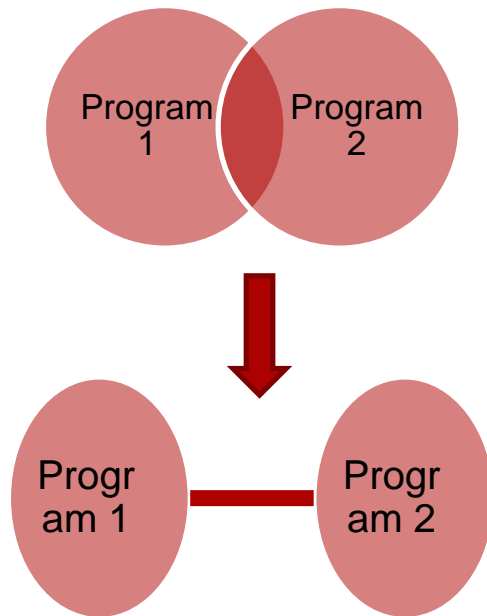
1. Determine similar of program awards based on overlapping core course requirements.
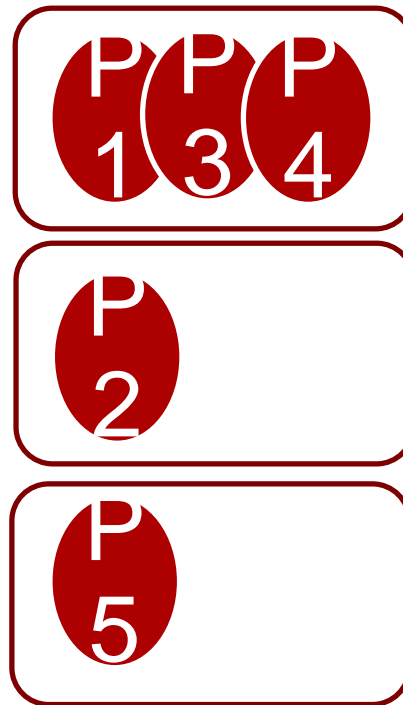
2. Cluster algorithm groups programs together (proposal).

3. Manually move group clusters and add in missing programs based on TOP code and intuition.

Clusters and Programs/Cross-Mapped Courses

Clusters and Programs
Arts
Digital Arts, A
Digital Arts, C
Music, A
Music, Y
Photography, A
Photography, C
Studio Arts, Y
Theatre Arts & Cinema, A
Theatre Arts, Y
Business, Agricultural, and Industrial Studies
Advanced Automotive Technology, C
Agricultural and Industrial Technology—Industrial Mechanics, C
Agricultural and Industrial Technology—Industrial Technician, B
Agriculture Business, C
Agriculture Business, S
Agriculture Business, X
Agriculture Production, C
Agriculture Production, S
Automotive Technology - Advanced Diesel Technology, S
Automotive Technology--Auto Shop Management, C

Course_Id	# of Prog	Overlap_Programs
SOC101	17	Administration of Justice, X; Alcohol & Drug Counseling, C; Alcohol & Drug Counseling, A; Communication Studies, Y; Liberal Arts & Sciences: Social & Behavioral Sciences, A; Liberal Arts: Biomedical Sciences, A; Liberal Studies: Education Emphasis, A; Political Science, A; Psychology, Y; Sociology, Y; Political Science, Y; Journalism, Y; Anthropology, Y; Spanish, Y; Economics, Y; Global Leadership, A; Global Leadership, C
MATH117	16	Administration of Justice, X; Business Administration, X; Communication Studies, Y; Kinesiology, Y; Liberal Arts and Sciences: Science & Mathematics Emphasis, A; Liberal Arts: Biomedical Sciences, A; Political Science, A; Psychology, Y; Sociology, Y; Political Science, Y; Journalism, Y; Geography, Y; Anthropology, Y; Mathematics, X; Economics, Y; Healthcare Data Analytics, C
ANTH103	15	Communication Studies, Y; Liberal Arts & Sciences: Social & Behavioral Sciences, A; Liberal Arts: Biomedical Sciences, A; Liberal Studies: Education Emphasis, A; Political Science, A; Psychology, Y; Sociology, Y; Political Science, Y; Art History, Y; Journalism, Y; Geography, Y; Anthropology, Y; Spanish, Y; Global Leadership, A; Global Leadership, C

College Conversations to Date

1. Citrus College
2. City College of San Francisco
3. College of Alameda
4. Hartnell College
5. Palomar College
6. Rio Hondo College
7. Sierra
8. Yuba

Learnings from Conversations

1. Incomplete COCI data from Data Mart Files
2. Overlaps not always clearly apparent due to issues such as pre-requisites, CTE focus areas, skills/knowledge transfer, etc.
3. Possible curriculum clean-up
4. Additional data needed to further contextualize the information

Differences

- Metamajor names
- Metamajor groupings
- Disciplines within each
- Integration of CTE/noncredit/etc
- Alignment with current organizational structure
- Mapping/Metamajors which came first
- Timeline

Similarities

- Transparency with the process
- WIDE dialog
- Shift to student experience and perspective
- Use of governance structure
- Faculty/Classified/Admin/ Student collaboration

Please help us by filling out the ASCCC webinar input survey.

- The link is https://www.surveymonkey.com/r/JJN32MY
- And the survey should take less than 5 minutes
- Thanks

- Also enjoy the paper

Developing Metamajors: Important Dialog, Significant Process Evaluation, and Iterative Work

Contacts

Charles Otwell, Orange Coast College cotwell@occ.cccd.edu

Michelle Sowers, Lake Tahoe Community College, sower@ltcc.edu

Victoria Dominquez, Citrus College vdominguez@citruscollege.edu

Natalie Desimone, Citrus College ndesimone@citruscollege.edu

Randy Beach, Southwestern College rbeach@swccd.edu

Marcy Alancraig, Cabrillo College maalancr@cabrillo.edu

Alyssa Nguyen, RP Group anguyen@rpgroup.org

Janet Fulks, Bakersfield College jfulks@bakersfieldcollege.edu

ASCCC – info@asccc.org