CLUSTERS

Guided Pathways – November 2019

For today...

- Introduction to "the why" and "the what"
- Examples
- Lightening rounds let's dive in
- Process, Timeline & Next Steps

2019-2020 Guided Pathways Goals

- Create Inventories for each CSM Program
- Organize CSM Programs into Clusters
- Engage faculty & staff in the inquiry and design of proactive and integrated student support models

WHY CLUSTERS?

THE WHY: Providing students clear entry points to explore different areas of study, while connecting to career information, support and experiences.

THE WHAT: groups of majors and degree pathways designed to help students explore their academic and career options and to connect to specific areas of interest.

Supporting Evidence:

- 2017 Student Focus Group Report
- Unit thresholds
- Best Practices from colleges across state

City Colleges of Chicago

EXPLORE BY:

FOCUS AREA



Student Guided Pathways to Success

A degree or certificate from City Colleges of Chicago can put you on the path to a rewarding career either right after graduation, or after successfully transferring to a four-year institution. Use our GPS navigation tool below to explore the options open to you at CCC.

Explore by **Focus Area**

Our degrees and certificates largely fall within one of our ten focus areas. Click on a focus area to learn more.



ADVANCED MANUFACTURING



BUSINESS & PROFESSIONAL SERVICES



CONSTRUCTION TECHNOLOGY



CULINARY ARTS & HOSPITALITY



EDUCATION



HEALTHCARE



INFORMATION TECHNOLOGY



HUMAN SCIENCES

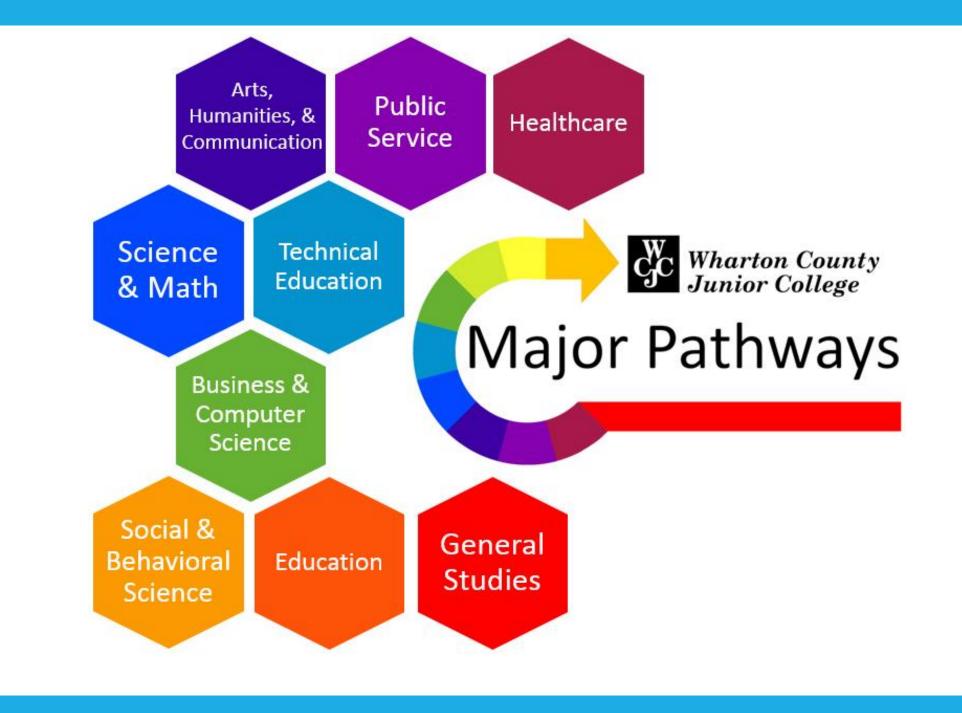


NATURAL SCIENCES



TRANSPORTATION, DISTRIBUTION & LOGISTICS



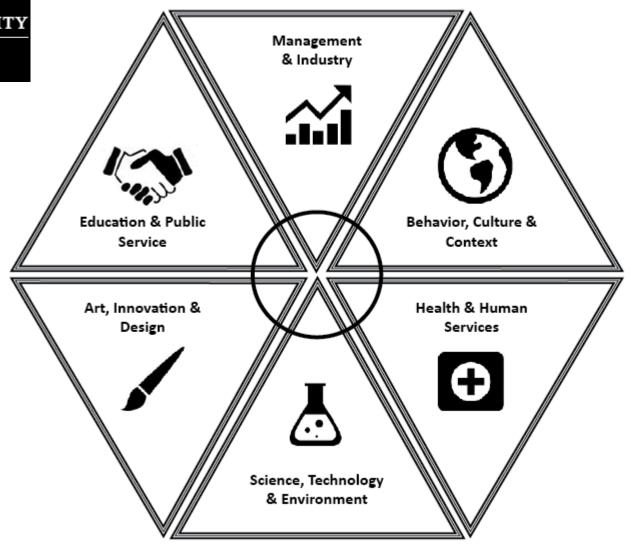




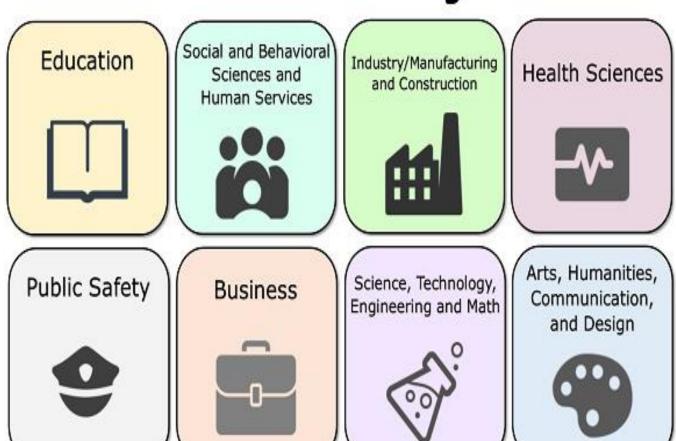
If you are wondering how you will narrow 200 majors into one, narrowing your options down into one or two meta-majors is a good place to start.

In Exploration, we concentrate on six broad areas where majors share similarities.

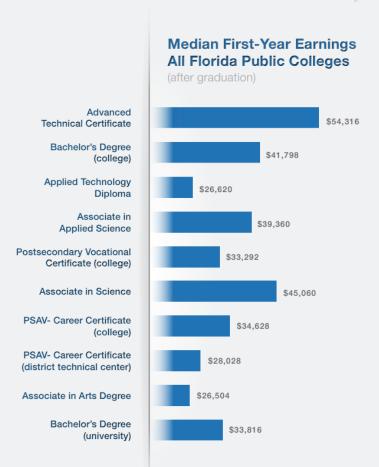
It is also important to note that no one college or school contains all the majors at Ohio State that are in a particular field of study.



Meta Majors



Start your journey today, choose from one of the eight Career Pathways to learn what you can study and how much you could earn as a new graduate.



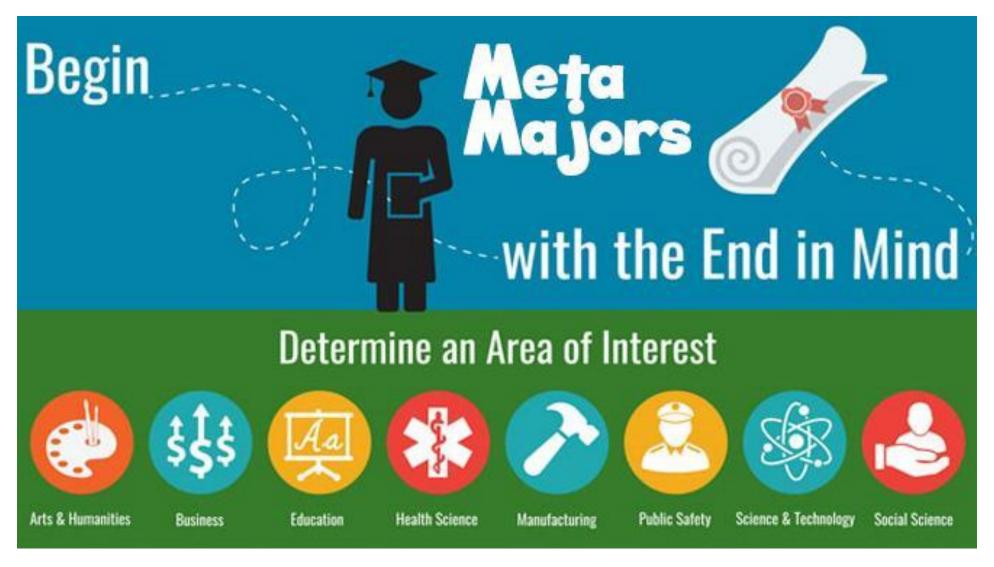
Source: "Higher Education Pays: Measuring the Economic Security

of Florida's Postsecondary Graduates" a study created through a

partnership with the State of Florida and College Measures, 2014.

Social Worker - \$18.73/hr Mental Health Counselor - \$18.18/hr Marriage and Family Therapist - \$20.61/hr Median Earnings (for the state of Florida) - Sociology - Ьгуслою - Counseling Majors of study: & HUMAN SERVICES BEHAVIORAL SCIENCES SOCIAL COLLEGE SYSTEM Career Pathways SCIENCE, TECHNOLOGY, ENGINEERING & MATH Majors of study: Median Earnings (for the state of Florida) Environmental Science Protection Technician - \$17.44/hr Computer User Support Specialist - \$20.09/hr Network & Computer Systems Administrator - \$35.42/hr Economic Modeling, Inc. Analyst sourced

the employment information, 2014



The Florida System aligns with K-12 pathways with the college and university 8 pathways as exemplified by this district, St Lucie Public Schools in Port St, Lucie, FL

RENEGADE ROAD MAP

HEALTH SCIENCES

Majors of Study

-Registered Nursing -Vocational Nursing -Nurse Assistant -Public Health Sciences -Radiology Technology -Kinesiology -Health Information Technology

BUSINESS/ **COMPUTER SCIENCES**

Majors of Study

- -Accounting -Admin Office Assistant
- -Bookkeeping -General Business
- -Retail Management -Computer Science

AGRICULTURE

Majors of Study -Ag Business

- -Animal Science
- -Horticulture -Forestry
- -Plant Science
- -Pre Veterinary
- -Medicine -Vet Tech

PUBLIC SAFETY

Majors of Study

- -Fire Tech -Paramedic
- -EMT
- -Criminal Justice
- -Correctional Administration
- -Administration of Justice

INDUSTRIAL TECH

Majors of Study

- -Automotive
- -Electronics
- -Engineering
- -Welding
- -Woodworking
- -Industrial Drawing
- -Architecture
- -Construction
- -Manufacturing

Highest Ranked Jobs in Kern County

- Registered Nurses \$38.87/hr.
- Licensed Vocational Nurses 523.66/hr.
- . Nurse Assistant 511 40/hr.
- · Physical Therapist Assistant \$82.38/hr
- · Radiology Technologists 531 17/hr.

Highest Ranked Jobs in Kern County

- Business Operation Specialist \$35.13/hr.
- Accountants/Auditors \$29.33/hr.
- Human Resource Specialist\$26.83/hr_
- Purchasing Agents 535.44/hr.
- Financial Specialist 532 58/hr.

Highest Ranked Jobs in Kern County

- Agriculture Equipment Operators \$13.34/hr.
- · Agriculture Inspectors \$21.15/hr.
- Forest/Conservation Workers 59.87/hr.
- *Agriculture Workers \$16.10/hr.
- . Forestry Workers \$20.98/hr.

Highest Ranked Jobs in Kern County

- · Corrections Officers \$37.24/hr.
- · Police/Sheriff Officers \$33.84/hr.
- · Firefighter's \$30.20/hr.
- EMT/Paramedics S17.96/hr
- . Security Guards 511.24/hr.

Highest Ranked Jobs in Kern County

- ·Welders' \$25.56/hr.
- Production Workers \$11.20/hr.
- . Construction Labors \$16.28/hr...
- Industrial Engineers \$53.70/hr.
- · Electrical Engineers \$42.02/hr.

MATH/SCIENCE

Majors of Study

- -Math
- Biology
- -Physics

SOCIAL/BEHAVIORAL & HUMAN SERVICES

Majors of Study

- -Child Development -Human Services
- -Culinary Arts

- -Photography
- -Communication

Highest Ranked Jobs in Kern County

- Statisticians \$41.38/hr.
 Database Administrator \$37.24/r
- Mathematicians' 541.99/hr. · Environmental Scientist/Specialist

529.06/hr

· Geological & Petroleum Technicians

Highest Ranked Jobs in Kern County *Social & Human Services Assistants

- 517.51/nr.
- . Child. Family & School Social Workers
- Rehabilitation Counselors \$11.47/hr.
- . Child Care Workers \$10.88/hr.
- · Restaurant Cooks \$11.66/hr.

ARTS/HUMANITIES/ COMMUNICATION Majors of Study

- -Studio Arts
- -Graphic Design

- · Graphic Designers 521.59/hr.
- . Photographers' \$12.66/hr. . Technical Writers \$30.85/hr.
- Media & Communication Workers 518.21/hr.
- Public Relation Specialist

Highest Ranked Jobs In Kern County



Health Sciences

Majors of Study

- · Biology Human Biology
- Health Information Technology
- Kinesiology
- Paramedic
- · Public Health Sciences
- · Radiology Technology
- · Registered Nursing
- · Vocational Nursing

Business

Majors of Study

- Accounting
- · Administrative Assistant
- · Bookkeeping
- · Business Administration
- Communication
- Economics
- · Office Assistant
- · Retail Management

Agriculture, Nutrition & Culinary Arts

Majors of Study

- Ag Business
- · Agriculture Plant Sciences
- · Culinary Arts
- Animal Science
- Dietetic Services Supervisor Program
- · Environmental Horticulture
- Food Service Management Option
- Forestry
- Plant Science
- Plant Science Horticulture Emphasis
- Plant Science Crops Emphasis

Science, Technology & Engineering, Math (STEM)

Majors of Study

- Biology General Biology
- Chemistry
- COMP TIA
- Computer Science
- Engineering
- Geology
- Math
- Physics

Public Safety & Emergency Management

Majors of Study

- · Administration of Justice
- · Chief Fire Officer
- Correctional Administration
- · Criminal Justice
- Fire Officer
- · Fire Technology
- Paramedic
- Wildland Fire Technology

Social Sciences, Behavioral Sciences & Human Services

Majors of Study

- · Administration of Justice
- Anthropology
- Communication
- · Criminal Justice
- Economics
- English
- History
- Human Services
- · Philosophy
- Political Science
- Psychology
- Sociology

Industrial & Transportation Technology

Majors of Study

- · Architectural Drafting
- Bachelor of Science, Industrial Automation
- Brakes
- Cabinet making
- Construction
- · Engine Overhaul
- · Engineering Technology
- Industrial Drawing
- Industrial Technology Automotive
- Industrial Technology Electronics
- Industrial Technology Industrial Drawing
- Industrial Technology Manufacturing
- Industrial Technology –
 Welding
- Industrial Technology
 Woodworking and
 Cabinetmaking
- Industrial Technology-General
- Powertrain
- Tune Up Emissions

Education (Early Childhood / k-8)

Majors of Study

- Child Development Master Teacher- Infant Toddler
- Child Development Master Teacher-Special Education
- Child development Teacher
- Early Childhood Education
- Elementary Teacher Education

Arts, Humanities & Design

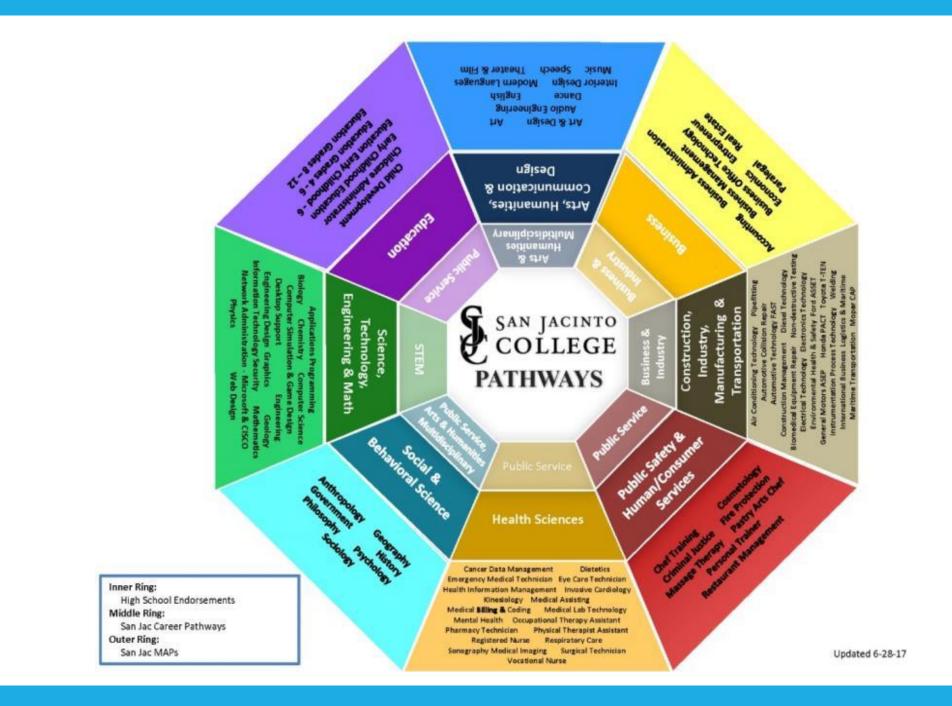
Majors of Study

- · American Sign Language
- Commercial Music
- Communication
- English
- Graphic Design
- History
- Journalism
- Media Art
- Music
- Philosophy
- Photography
- Spanish
- Studio Art
- Theater Arts

Personal & Career Exploration

Majors of Study

For the undeclared student and those exploring a variety of potential careers



Cluster Activity

Together in groups of 3-5.

Two activities:

- Likes and dislikes of examples (10 minutes)
- Responding to CSM clusters (20 minutes)

Process & Timeline

This Fall:

- Students First: Initial cluster activities launch (partnering w/ The Village, Clubs, Promise)
- First drafts of Inventories due by Nov 15th
- Guided Pathways Steering Committee will assess needs for refinement and completion in Spring 2020 and arrange support

Process & Timeline

This Spring:

- Inventory Support Provided Final drafts due April 8th
- Students Groups con't: Cluster activity with additional groups, including but not limited to evening students, student services groups, high school seniors
- Cluster activities: Divison/Dept Meetings
- Guided Pathways collects major themes and provides feedback to IPC, Academic Senate, Classified Senate for review
- First Draft Clusters completed May 2020

For further consideration...

- Alignment with CRM
- Student Success Teams & Clusters
- Names of the individual clusters
- Marketing options for students
- Having multiple majors across clusters