MyPath:
Career/Assessment solutions for the student's journey through education to employment

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Agenda

Converging System Initiatives

- **Overview of changing perspective and policies around student success**

Education Planning Initiative

- **Brief history & goals**

Career Coach to support education and career planning

- **Demonstration with Labor Market Data**

MyPath - Provides Technology toolkit

- **Brief description, role, status**

Task for Today

SB1456 Student Success Act of 2012

Task Force on WORKFORCE

- How did we arrive where we are today?
- "Just in Time" vs. "Just in Case" Matriculation
- The SSSP and the Strong Workforce Program Student Success Recommendations lead to **n**ew **c**areer **r**esources

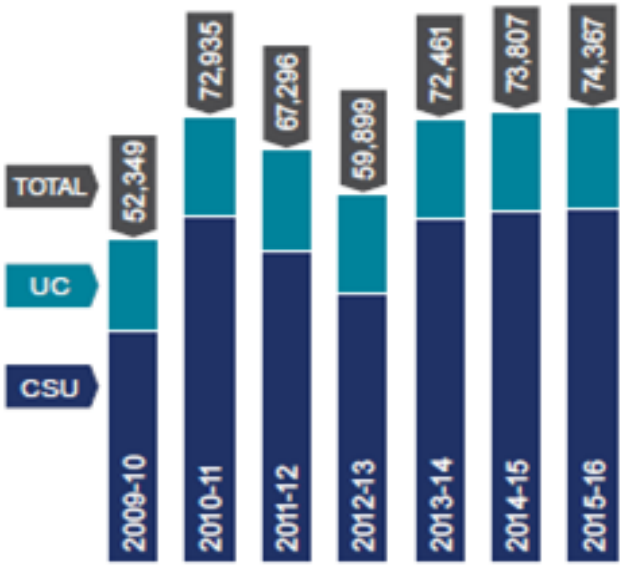
Seeking To Maintain Successes

Challenges Within the CCC System

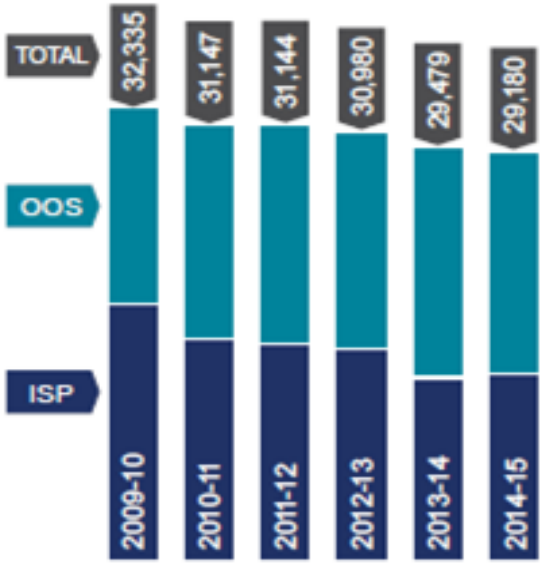
1. High English and math remediation levels
2. Inconsistencies between HS & college curriculum
3. Unaware of educational objectives upon applying
4. Counselor ratios of 800:1 & more than 1800:1

Transfer Reality

ANNUAL NUMBER OF COMMUNITY COLLEGE TRANSFERS TO CALIFORNIA STATE UNIVERSITY (CSU) AND UNIVERSITY OF CALIFORNIA (UC) SYSTEMS



ANNUAL NUMBER OF COMMUNITY COLLEGE TRANSFERS TO IN-STATE PRIVATE (ISP) AND OUT-OF-STATE (OOS) INSTITUTIONS*



*Transfers to California State University and University of California systems not included.

From the 2016 State of the System Report, p. 13

Student Success Act of 2012

Gov. Jerry Brown signed into law the Student Success Act of 2012, the legislative cornerstone of a California Community Colleges reform initiative aimed at **improving educational outcomes** for students and **better preparing the workforce** needed for California's changing economy.

- **Goal**: Help more California community college students reach their goal of earning a degree, certificate, career advancement or transferring to a four-year institution.

Convergence Precepts

1. Organizing Principle

2. College and Career Readiness Approach

*Emphasis added by L. Wiggins in 4.1 and 3.4

Student Success Task Force Recommendations

1

4.1 Highest priority for course offerings shall be given to credit and noncredit courses that advance students' academic progress in the areas of basic skills, ESL, CTE, degree and certificate attainment, and transfer, in the ***context of labor market and economic development needs of the community.***

2

3.4 Community colleges will require students to begin addressing basic skills needs in their first year and will provide resources and options for them to ***attain the competencies*** needed to succeed in college-level work as part of their education plan.

Convergence Precepts

3. Our Primary Challenge is Prescription

Student Success Task Force Rec.

3A

2.4 Require students whose ***diagnostic assessments*** show a lack of readiness for college to participate in a support resource, such as a student success course, learning community, or other sustained intervention, provided by the college for new students.

3B

3.1 The Community Colleges will adopt system-wide enrollment priorities that: (1) reflect the core mission of transfer, career technical education and basic skills development; (2) encourage students to identify their educational objective and ***follow a prescribed path most likely to lead to success***; (3) ensure access and the opportunity for success for new students; and (4) incentivize students to make progress toward their educational goal.

*Emphasis added by L. Wiggins in 2.4 and 3.1

System Reform Strategy: The Career Pathways Construct

Strong Workforce Taskforce Recommendations

- Student Success
- Workforce Data & Outcomes
- Curriculum
- Career Pathways
- CTE Faculty
- Regional Coordination
- Funding

CALIFORNIA COMMUNITY COLLEGES
Doing What MATTERS™
FOR JOBS AND THE ECONOMY

What We Learned From The Field?

CALIFORNIA COMMUNITY COLLEGES
Task Force on WORKFORCE
JOB CREATION AND A STRONG ECONOMY

- **Skills gap** and little understanding for how to navigate careers
- In many cases, we heard **higher education isn't enough to prepare our generation for today's landscape. More job-training programs are needed** for our generation to move past that entry-level job.
- There was a **shared fear** that **college costs** will prevent them from pursuing post-secondary degrees they consider critical.

Use of $200M Strong Workforce Program More and Better…

- **Increase <u>quantity</u> of CTE**
- **Improve <u>quality</u> of CTE**

→ Courses, programs, pathways, credentials (licensure), certificates, degrees

Requirement: labor market demand!

Strong Workforce Taskforce Recommendations

1a. Provide resources for student support and career center services to raise the **awareness of career planning** and provide information to high school, adult education and community college students on **labor market demand and earnings potential**.

1b. Develop and implement common, effective career and educational planning tool for high school, adult education and community college counselors to provide **detailed and comprehensive information, resources, and support on career awareness, preparation, and exploration**; CTE pathway and education planning; workplace-readiness skills; work-based learning opportunities; and local and regional employer needs and job requirements.

Strong Workforce Taskforce Recommendations

1d. Collaborate with workforce boards to enhance capacity to **provide career counseling**, job placement, and supportive services.

1e. Enhance capacity of counselors to provide CTE-related program counseling through professional development and the sharing of best practices such as designating counselors as CTE specific or designating liaisons to CTE programs.

Our new reality in the CCC…

- High School and Community College partnerships are the key to helping students reach readiness standards that will excite business and industry; as well as state legislators
- College is a necessity if you are to be prepared for a living wage job
- Counselors and Student Services professionals will require a reboot toward placing transfer in its proper place to increase individuals sub-baccalaureate credential attainment
- Flipping the college decision-making paradigm advances the cause of helping adolescents transition toward adult decision-making

Education Planning Initiative (EPI)

- SB-1456 outlined Student Success
- EPI was developed to respond to and implement key recommendations of Student Success Act **with tools**
- Primary focus of EPI is to strengthen support and guidance to students
- California Community College Technology Center

  www.CCCEdPlan.org

The Vision & Goal: *Structure pathways that support planning/progress*

Directed—Learn to navigate using new toolsets

Obstacles Eliminated—High touch, my college cares

Focused—My goal is connected to my career

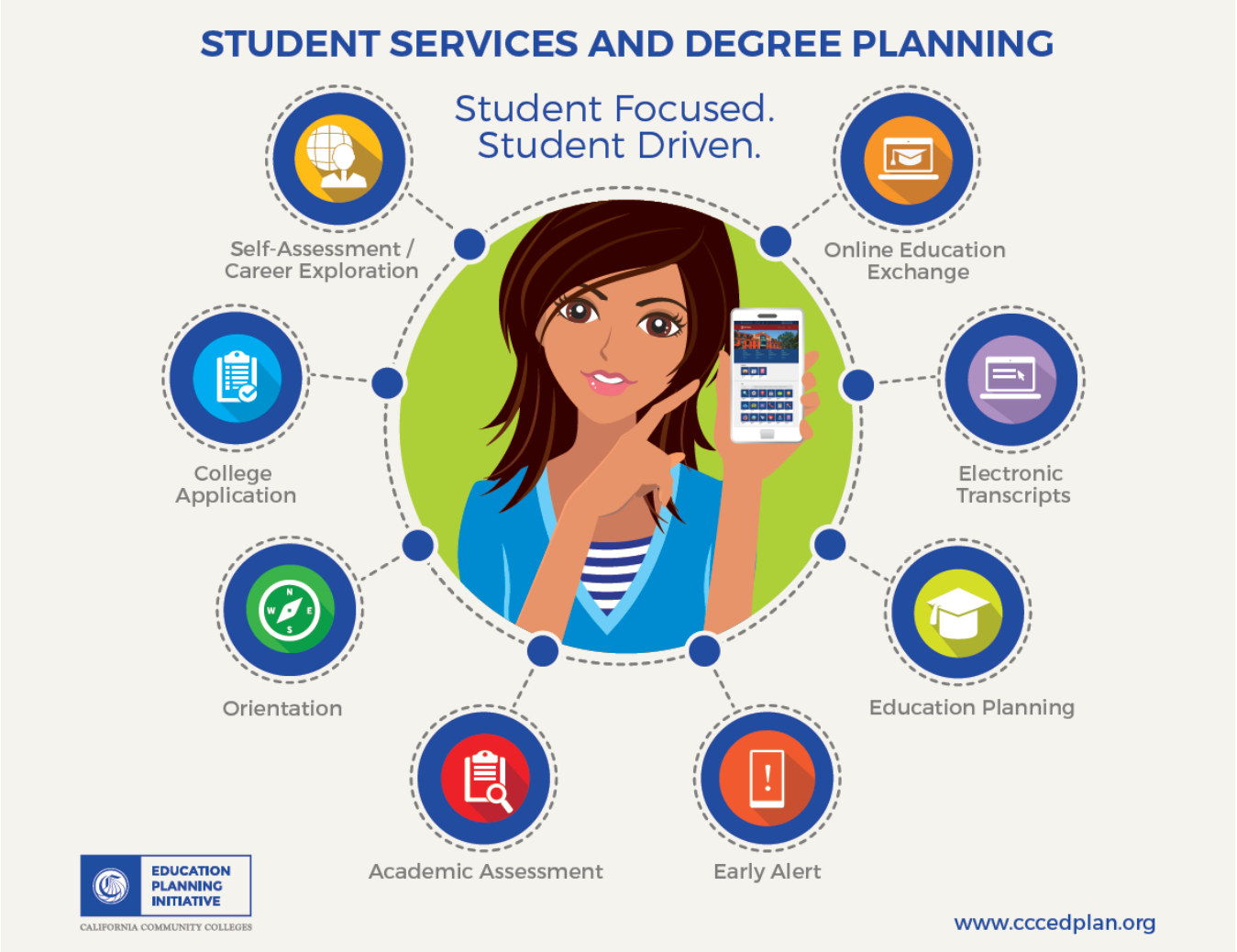
Engaged—Connected to resources/opportunities

Report, RP Group
www.rpgroup.org

EPI Program Outcomes

- Help students make informed choices
- Assist in clarifying goals for students
- Support the requirement that students have a stated goal by 15 units
- Promote and support coordination between CCC/UC/CSU
- Reduce the time it takes students to complete their goal (degree, certificate, or transfer)

MyPath


STUDENT SERVICES AND DEGREE PLANNING
Student Focused.
Student Driven.
Self-Assessment / Career Exploration
Online Education Exchange
College Application
Electronic Transcripts
Orientation
Education Planning
Academic Assessment
Early Alert
EDUCATION PLANNING INITIATIVE
CALIFORNIA COMMUNITY COLLEGES
www.cccedplan.org

Faith Freshman

Age 19- Hispanic Female

- 1st year student direct from HS
- Goal to transfer to university
- Unclear about major/work goals
- Athlete - prefers team sports
- Uses mobile phone as computer

Regina Returning

Age 29- Hispanic Female

- Full-time employed single mom
- 1st Generation to attend college
- Returning student
- Applying for BOG Fee Waiver
- Uses mobile phone as computer

Frank Fosterisk

Age 22- “At Risk” White Male

- Foster Youth
- 2nd Year Student
- On academic probation
- On financial aid warning
- Specific skills seeking
- Basic skills student

Vince Veteran

Age 53- African-American Veteran

- Adult re-entry student
- Seeking Job Skills training
- Medical issues from injuries
- Undiagnosed disabilities
- Difficulty with technology

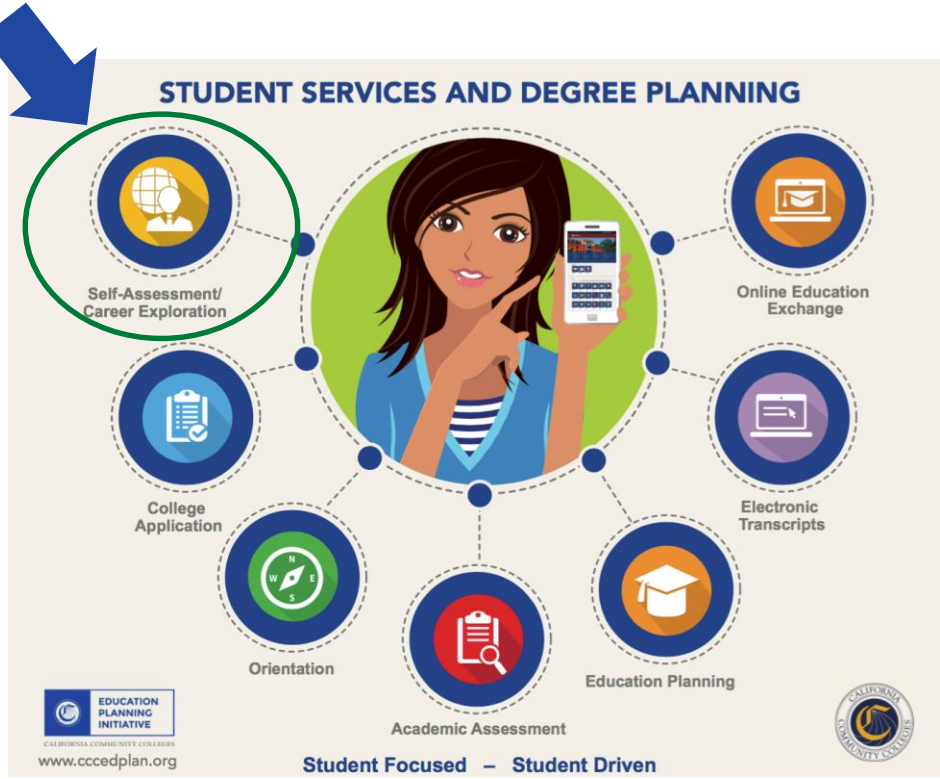
Self-Assessment

&

Career Exploration

=

Career Coach



Background - Career Exploration Work Group

Statewide Stakeholder Team:

- Career and General Counselors
- Staff - Admissions, IT
- Deans of Students
- Students

Prioritized Requirements:

- Short Assessment
- Accessible – WCAG 2.0 AA Compliant
- Secure
- Mobile-friendly

How do students decide? Video: https://vimeo.com/174407736

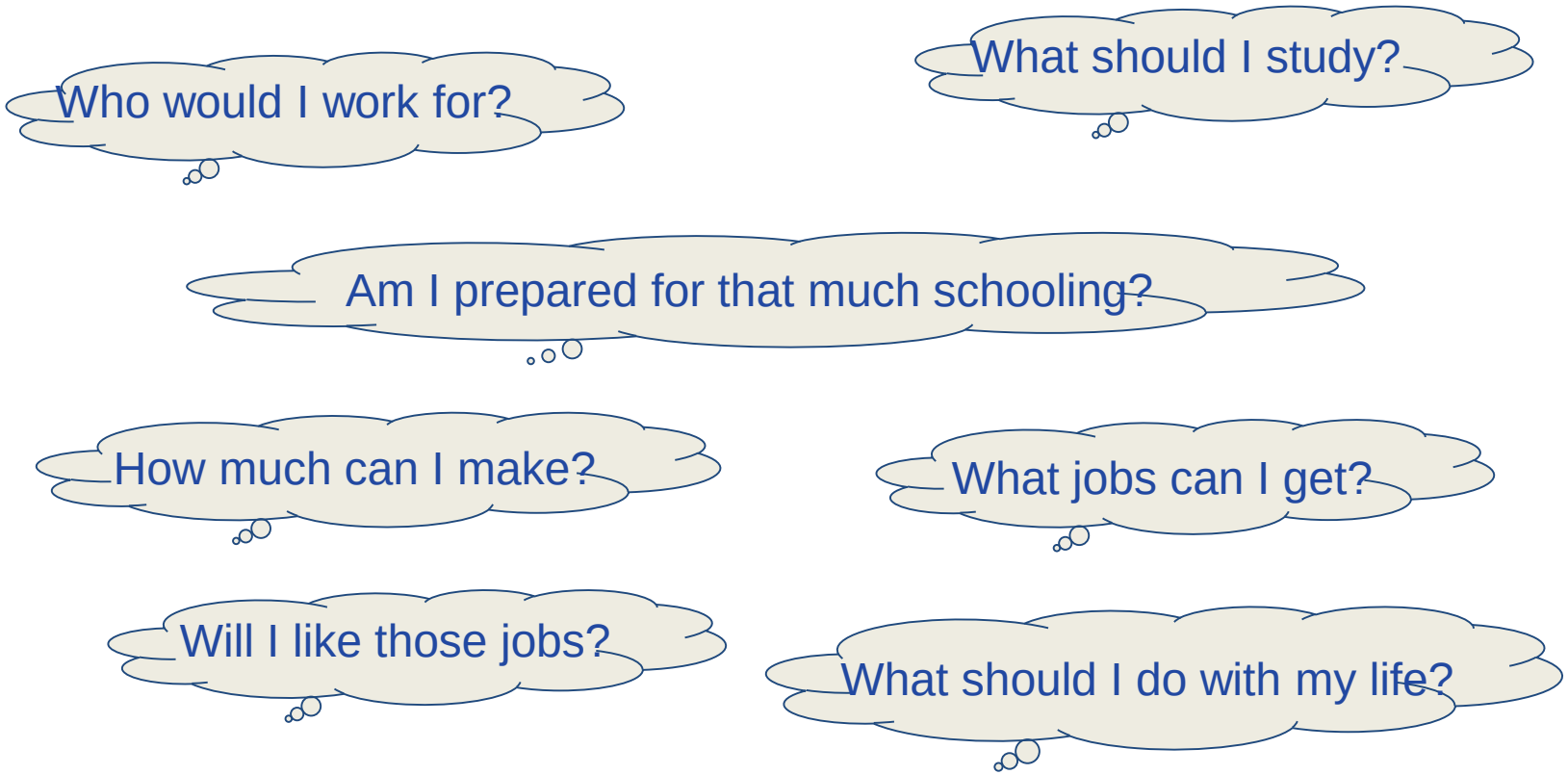
Can we think better?

Flipping the College Decision Making Paradigm

How can Career Coach help?

1. For students who have an idea of the career they want but don't know how to get there
2. For students who have a program of study in mind but don't know what it will lead to
3. For students who don't have a clue where to start

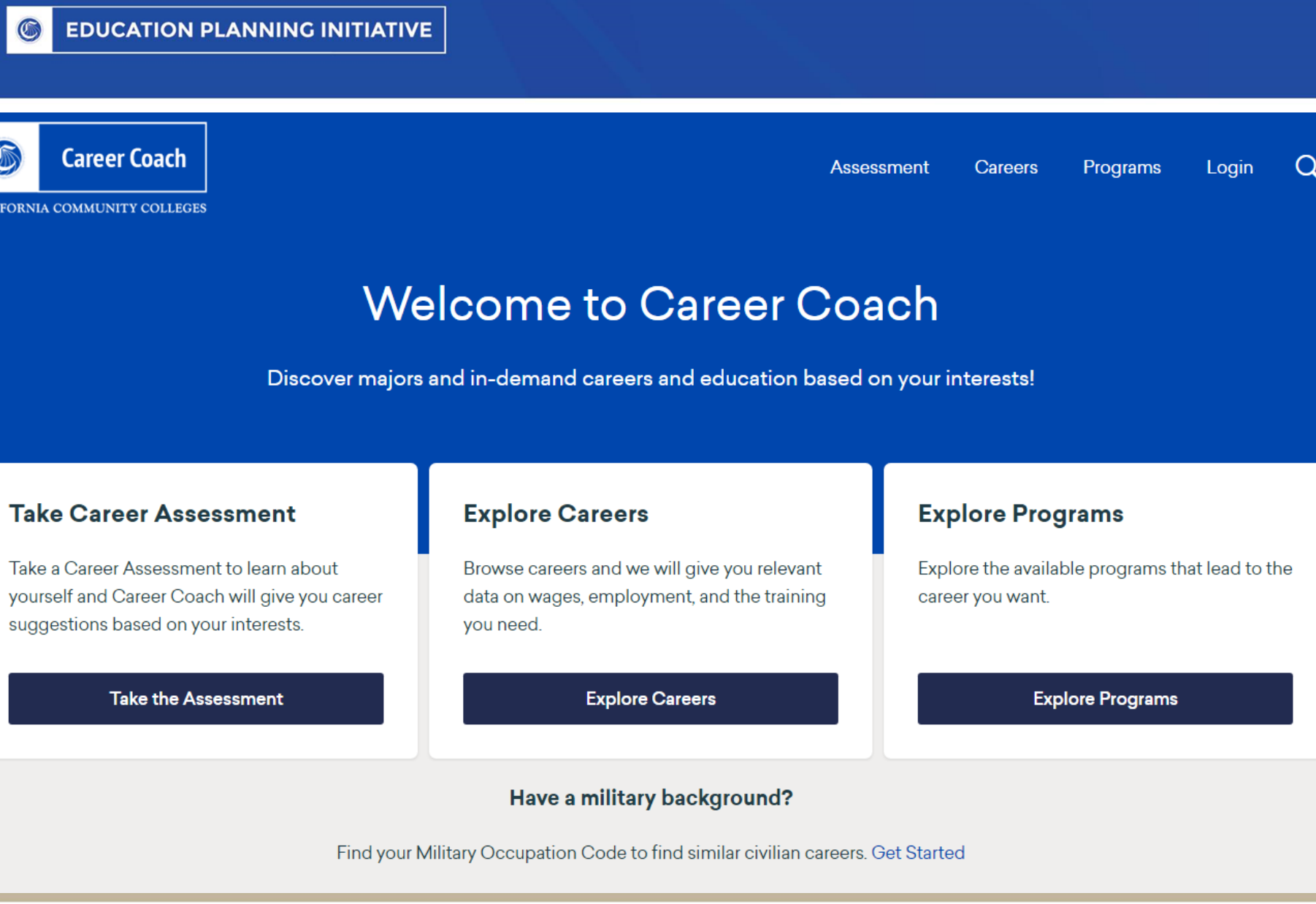
Students have questions…



MyPath - Career Coach DEMO

www.cccmypath.org

Chancellor's Office open website for MyPath -- houses statewide Career Coach. Not specific to any one college and some capabilities may differ.


EDUCATION PLANNING INITIATIVE
Career Coach
CALIFORNIA COMMUNITY COLLEGES
Assessment
Careers
Programs
Login
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.
Take the Assessment
Explore Careers
Browse careers and we will give you relevant data on wages, employment, and the training you need.
Explore Careers
Explore Programs
Explore the available programs that lead to the career you want.
Explore Programs
Have a military background?
Find your Military Occupation Code to find similar civilian careers. Get Started

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Assessment Careers Programs Login

Assessment

Progress

Which assessment would you like to take?

6 question assessment

60 question assessment

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Assessment

Progress

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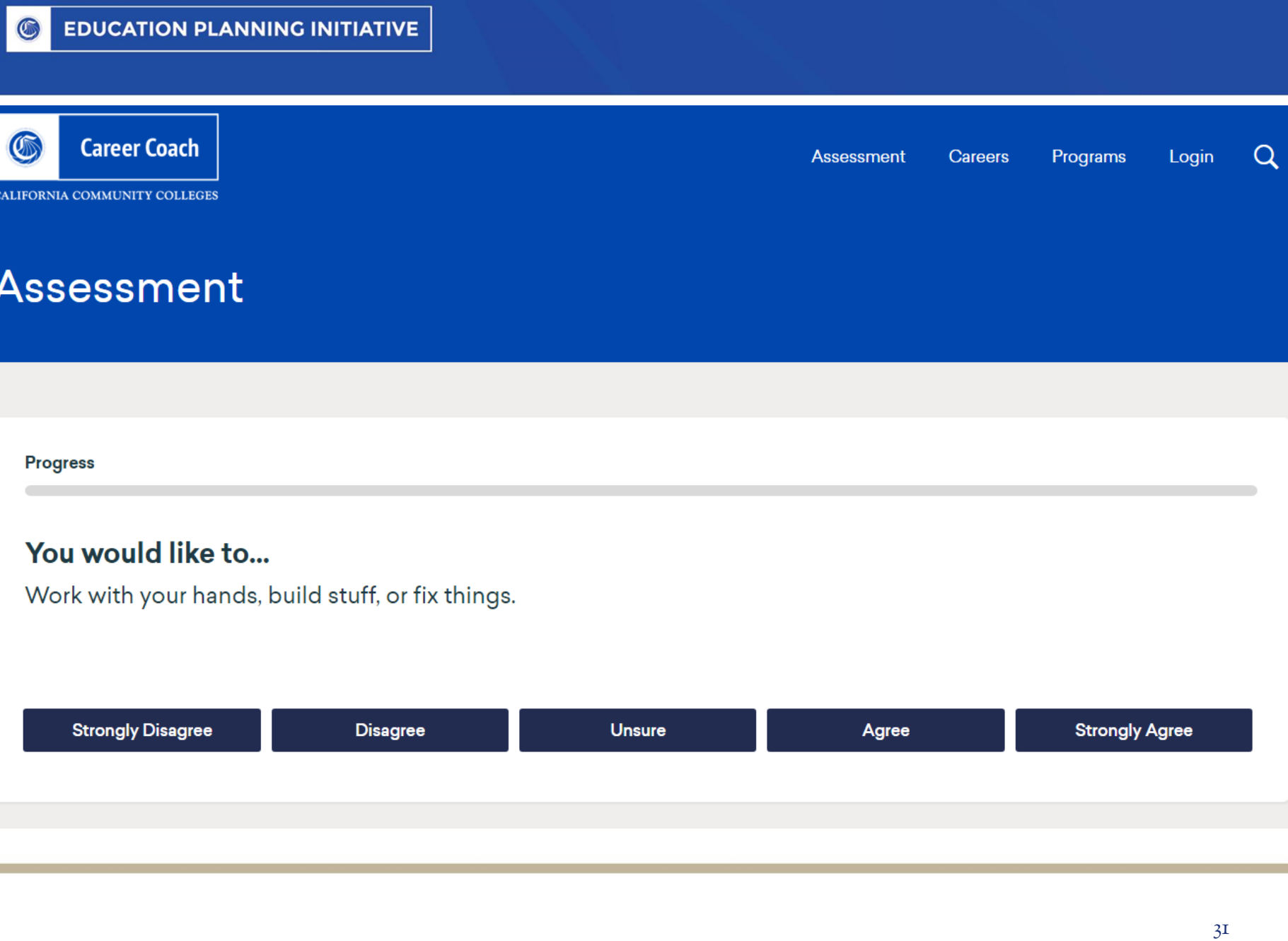
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Careers
Programs
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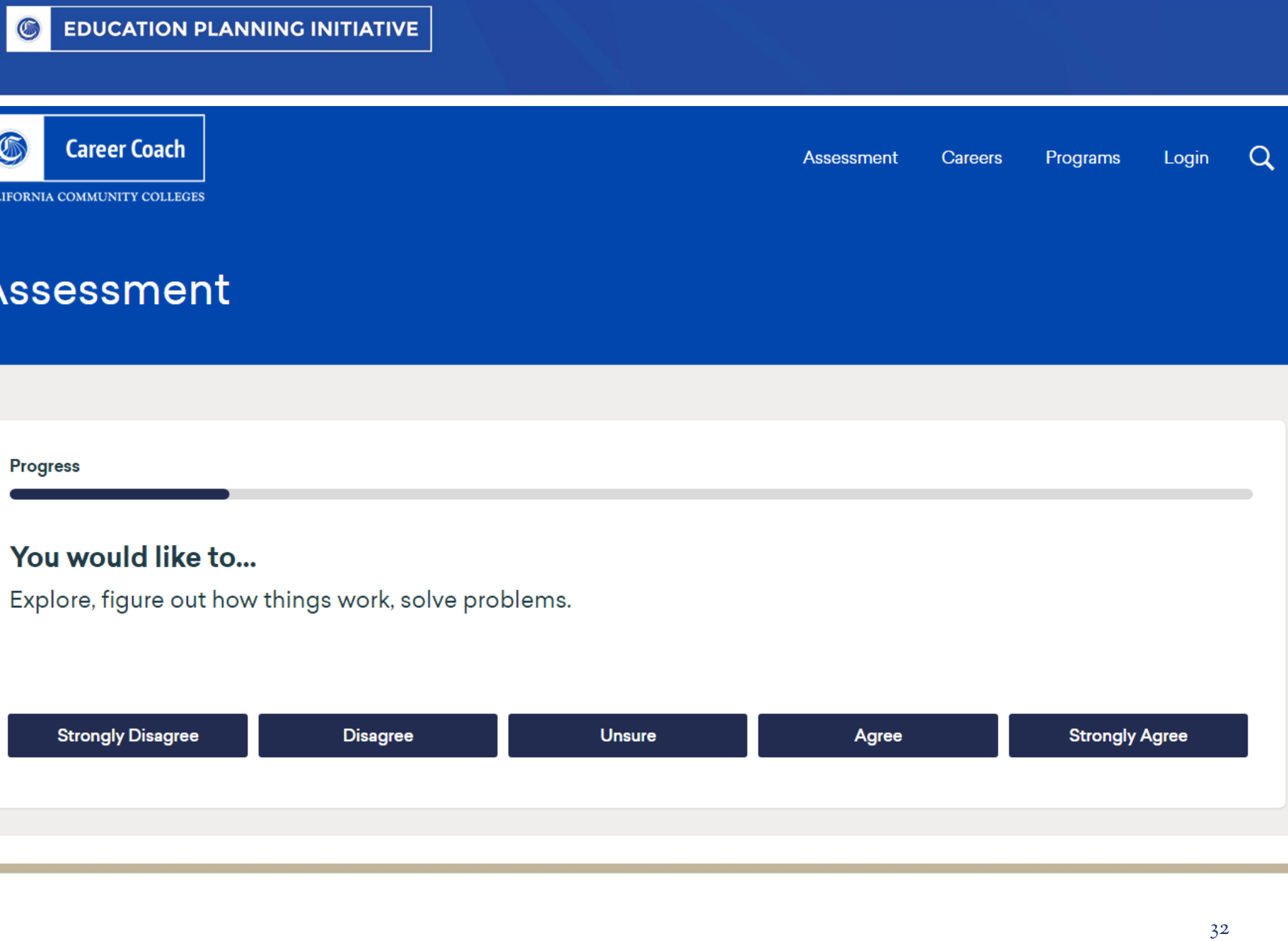
Assessment
Progress
You would like to...
Work with your hands, build stuff, or fix things.
Strongly Disagree
Disagree
Unsure
Agree
Strongly Agree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Assessment
Careers
Programs
Login
Assessment
Progress
You would like to...
Explore, figure out how things work, solve problems.
Strongly Disagree
Disagree
Unsure
Agree
Strongly Agree

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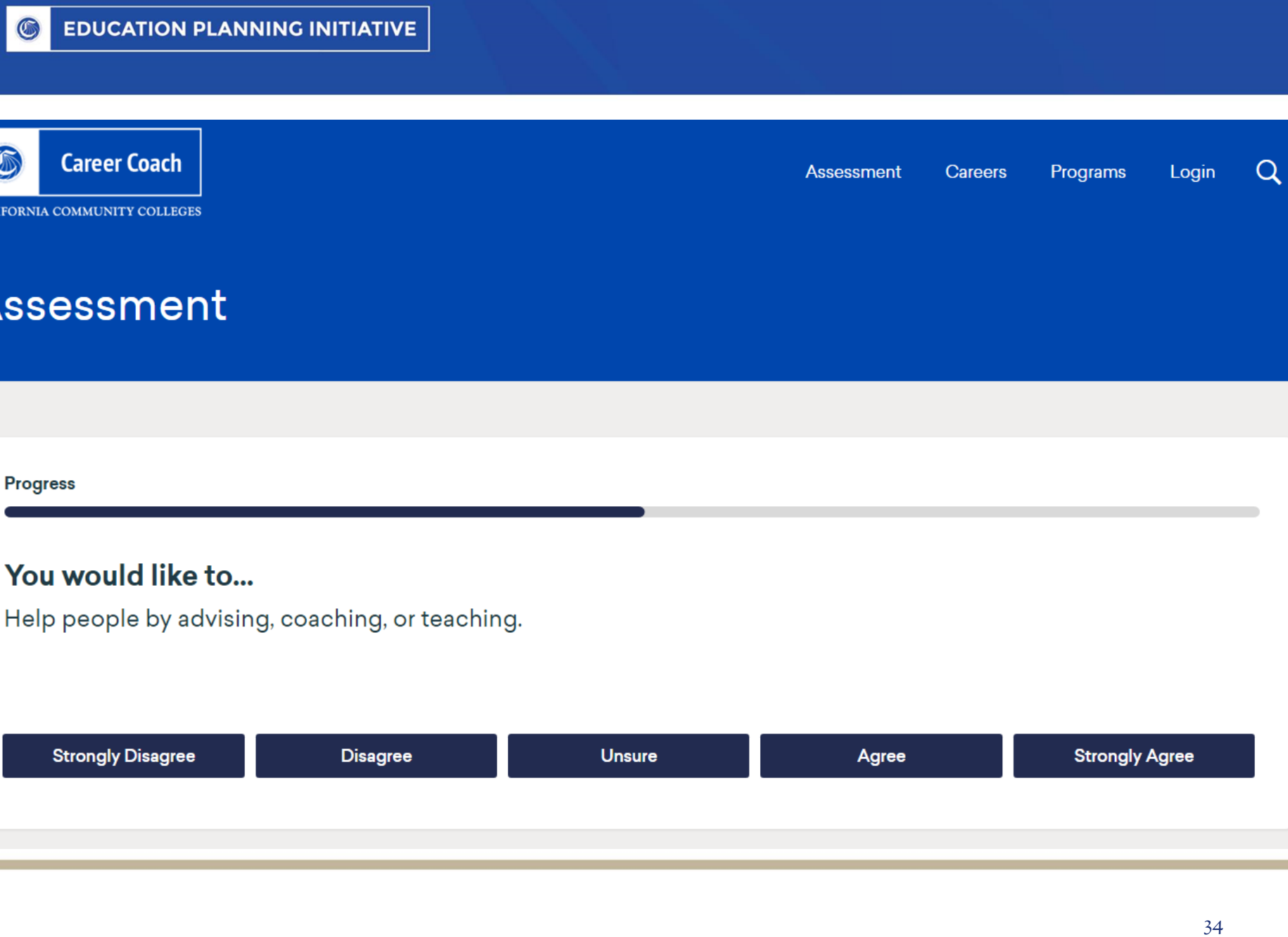
Assessment

Progress

You would like to...

Express your ideas through art, music, theater, film, or writing.

Strongly Disagree | Disagree | Unsure | Agree | Strongly Agree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Career Coach
CALIFORNIA COMMUNITY COLLEGES
Assessment
Careers
Programs
Login
Assessment
Progress
You would like to...
Help people by advising, coaching, or teaching.
Strongly Disagree
Disagree
Unsure
Agree
Strongly Agree

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Assessment

Progress

You would like to...

Persuade, convince, or influence people.

Strongly Disagree | Disagree | Unsure | Agree | Strongly Agree

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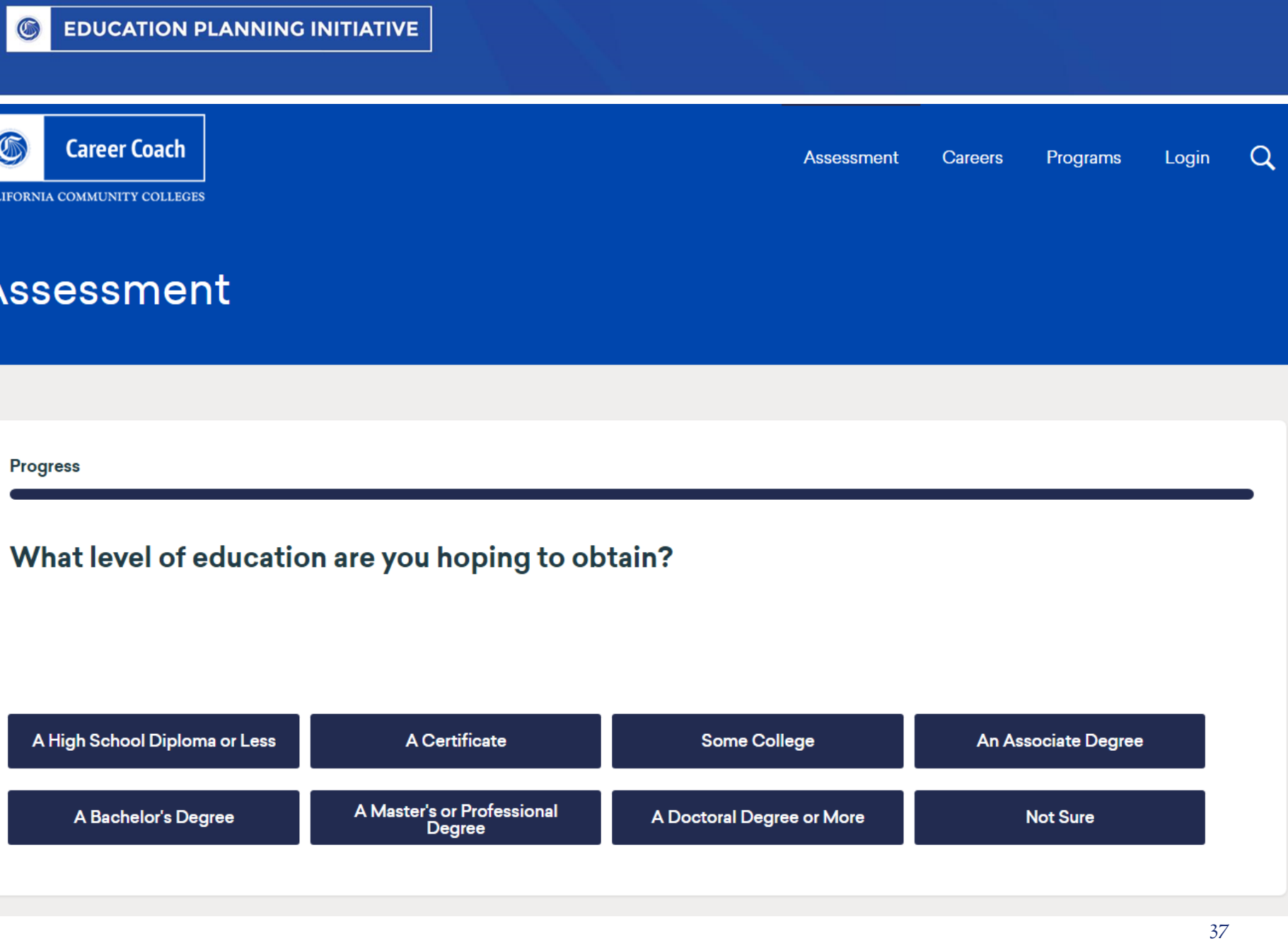
Assessment

Progress

You would like to...

Plan activities, organize things, and manage lots of details.

Strongly Disagree | Disagree | Unsure | Agree | Strongly Agree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Career Coach
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Assessment
Careers
Programs
Login
Assessment
Progress
What level of education are you hoping to obtain?
A High School Diploma or Less
A Certificate
Some College
An Associate Degree
A Bachelor's Degree
A Master's or Professional Degree
A Doctoral Degree or More
Not Sure

Career Coach
CALIFORNIA COMMUNITY COLLEGES

Assessment Careers Programs Login

Assessment Results

Your top three traits are. . .

Realistic

Realistic people are attracted to outdoor, mechanical and physical activities, hobbies, and occupations. They like to work with things, objects, and animals rather than with ideas, data, and people. They tend to have mechanical and athletic abilities and are usually strong and well-coordinated.

Investigative

Investigative people are naturally curious and inquisitive. They have a need to understand, explain, and predict the things that go on around them. They are scholarly and scientific in their attempts to understand things and tend to be pessimistic and critical when non-scientific, simplistic, or supernatural explanations are suggested by others.

Conventional

Conventional people are well-organized, persistent, and practical in their approach to life. They enjoy clerical and computational activities performed according to set procedures. They are dependable, efficient, and conscientious in accomplishing the tasks in which they engage. They enjoy the security of belonging to groups and organizations and make good team members.

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Your top career matches are...

› Science, Technology, Engineering and Mathematics

Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

› Manufacturing

Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

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Realistic people are attracted to outdoor, mechanical and physical activities, hobbies, and occupations. They like to work with things, objects, and animals rather than with ideas, data, and people. They tend to have mechanical and athletic abilities and are usually strong and well-coordinated.

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Science, Technology, Engineering and Mathematics

Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

Electrical and Electronic Engineering — **100%** Match

Mechanical Engineering — **98%** Match

Chemical and Material Engineering — **98%** Match

Electrical Engineering Technologists

Assist electrical engineers in such activities as process control, electrical power distribution, or instrumentation design. May prepare layouts of electrical transmission or distribution systems, supervise the flow of work, estimate project...

$67,464
Annual Wage

A Bachelor's Degree
Typical Education

Electrical Engineering Technicians

Test or modify developmental or operational electrical machinery or electrical control equipment and circuitry in industrial or commercial plants or laboratories. Usually work under direction of engineers or technologists.

$65,124
Annual Wage

A Certificate
Typical Education

Electronics Engineering Technicians

Lay out, build, test, troubleshoot, repair, and modify developmental and production electronic components, parts, equipment, and systems, such as computer equipment, missile control instrumentation, electron tubes, test equipment, and...

$65,124
Annual Wage

An Associate Degree
Typical Education

Electronics Engineering Technicians

$65,124

Median Salary

New workers start around $40,246. Normal pay is $65,124 per year. Highly experienced workers can earn up to $97,733.

5,740

Job postings in the last six months

In the last six months companies have posted 5,740 jobs for this career.

Selected Region

California

Notice!
The Bureau of Labor Statistics does not report growth and retirement data granular enough to pinpoint career specializations like Electronics Engineering Technicians. Data from the "parent" classification - Electrical and Electronics Engineering Technicians - has been substituted. As a result, this pay data does not reflect any special compensation that an Electronics Engineering Technicians might receive.

Available Programs

EDUCATION PLANNING INITIATIVE

Electronics Engineering Technicians

Overview | About | Wages | Employment

Daily Tasks

- Read blueprints, wiring diagrams, schematic drawings, or engineering instructions for assembling electronics units, applying knowledge of electronic theory and components.
- Identify and resolve equipment malfunctions, working with manufacturers or field representatives as necessary to procure replacement parts.
- Test electronics units, using standard test equipment, and analyze results to evaluate performance and determine need for adjustment.
- Assemble, test, or maintain circuitry or electronic components, according to engineering instructions, technical manuals, or knowledge of electronics, using hand or power tools.
- Adjust or replace defective or improperly functioning circuitry or electronics components, using hand tools or soldering iron.

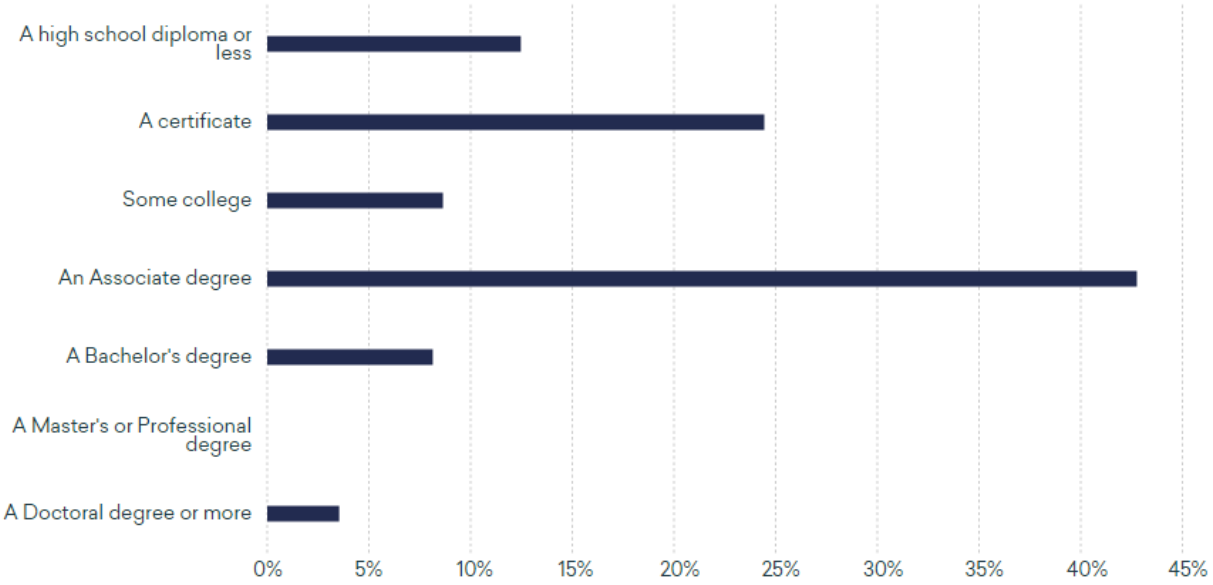
More

Selected Region

California

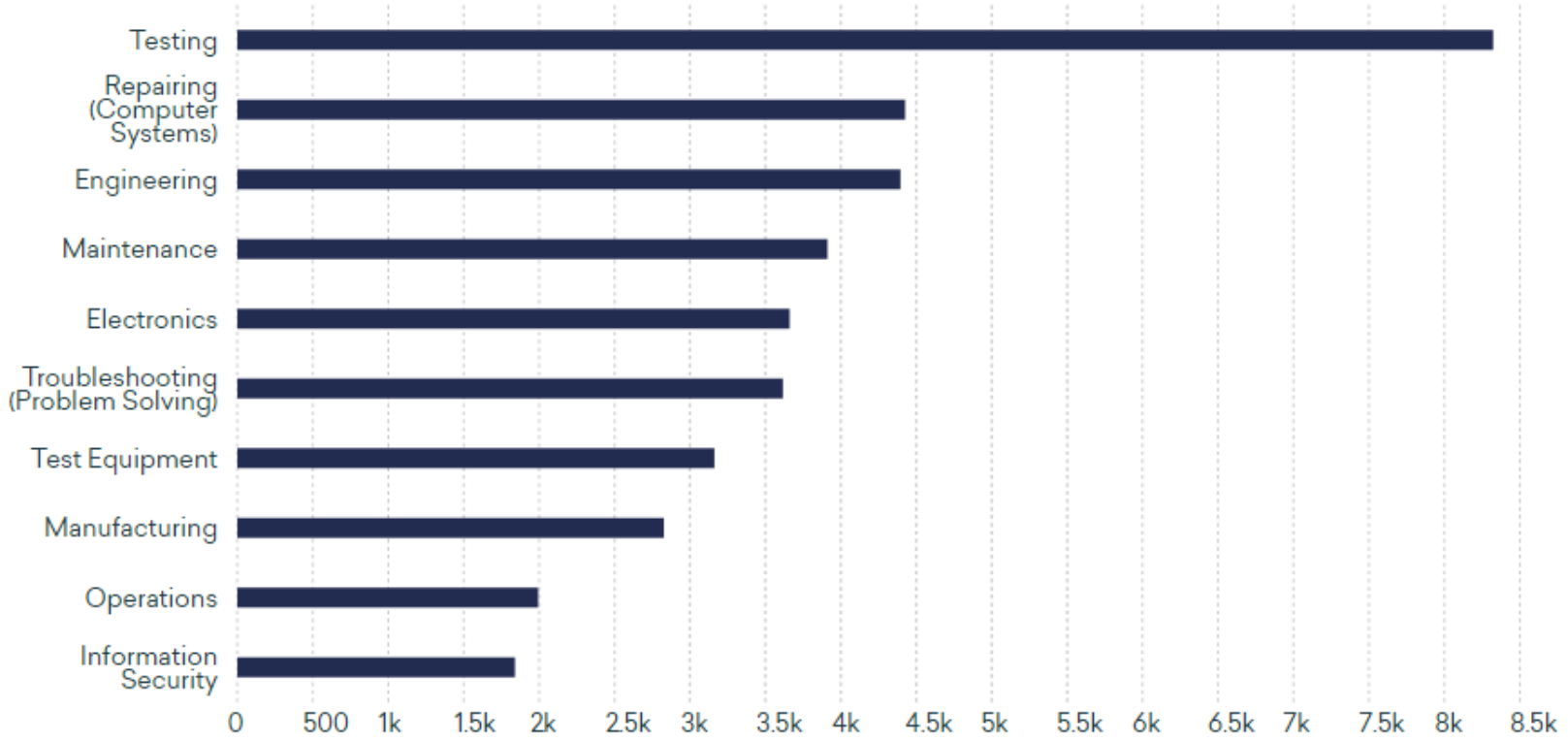
Education Attainment Level

The following shows the percentage of Electronics Engineering Technicians that have acheived different levels of education. This is not meant to represent what you should pursue, but rather to inform what other workers in the field have attained.



Educational Attainment is a national breakdown of the education levels attained by the occupation's workforce.

Skills employers are asking for



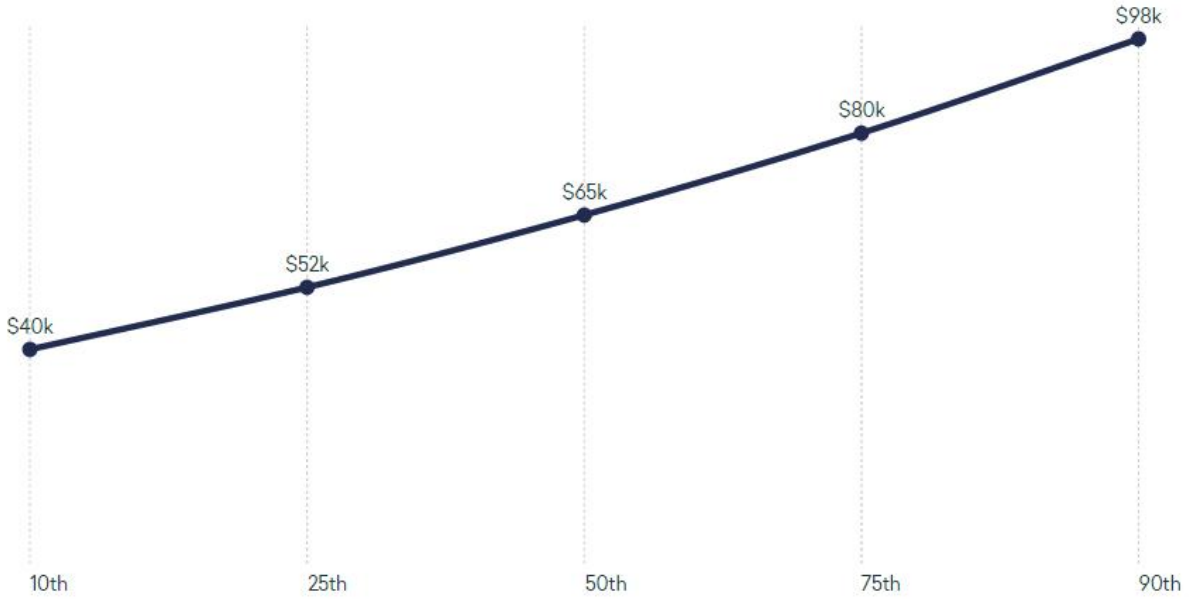
EDUCATION PLANNING INITIATIVE

Electronics Engineering Technicians

Overview | About | Wages | Employment

Wages

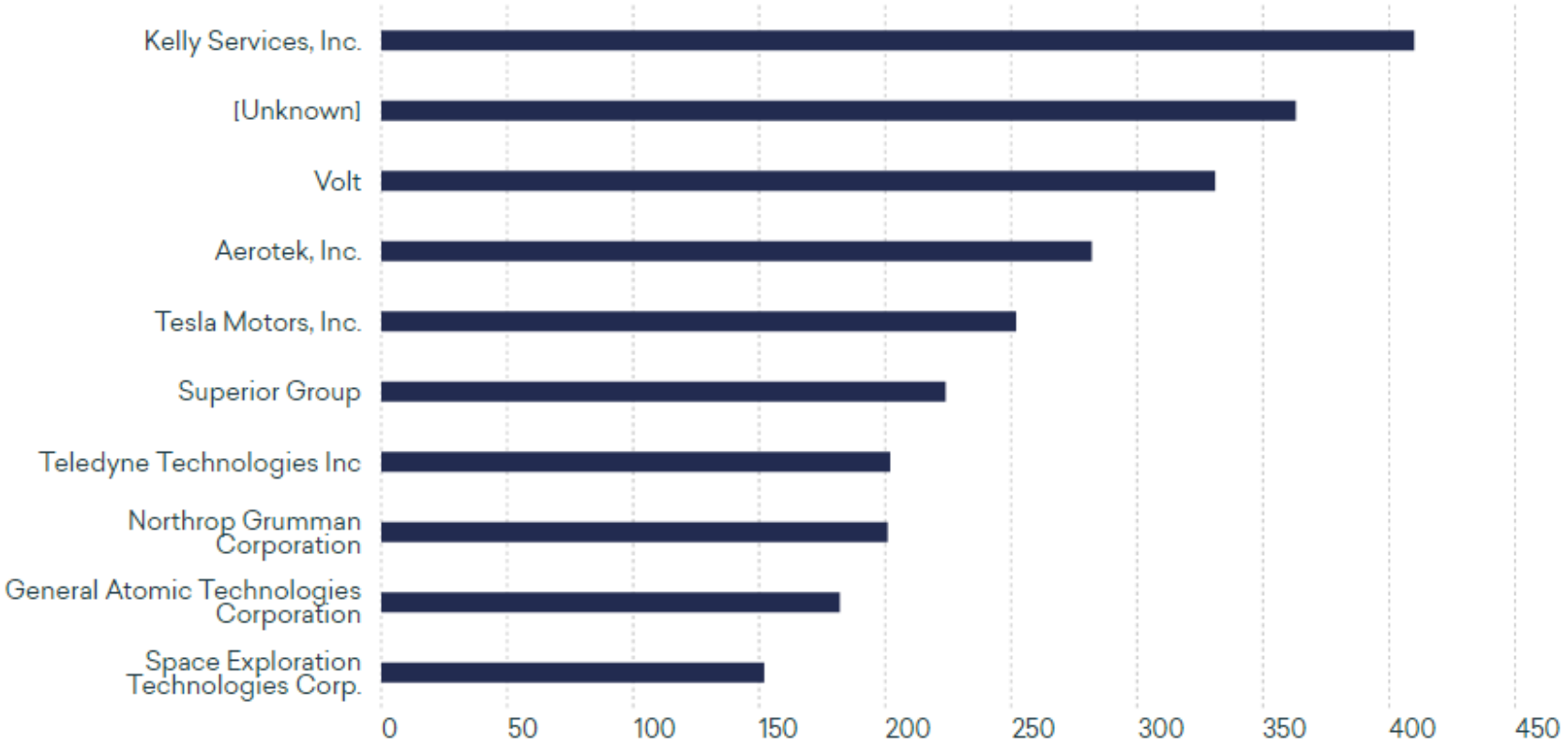
New workers generally start around $40,246. Normal pay for Electronics Engineering Technicians is $65,124 per year, while highly experienced workers can earn as much as $97,733.



Selected Region

California

Companies posting jobs



Employment Projection

There are currently 23,429 Electronics Engineering Technicians that are employed in California.

Search

electro

Careers Military Programs

Electronic Engineering Technology

AS Degree

Below are institutions that provide this program.

City College of San Francisco

Film, Television, And Electronic Media

AS-T Degree

Below are institutions that provide this program.

City College of San Francisco

College of San Mateo

Electronics Computer Systems

Certificate of Achievement

Below are institutions that provide this program.

Norco College

Riverside City College

Electronics Computer Systems

AS Degree

Below are institutions that provide this program.

Norco College

Riverside City College

Electronics: Computer Technician

Certificate of Achievement

Below are institutions that provide this program.

Southwestern College

Career Coach
CALIFORNIA COMMUNITY COLLEGES

Assessment Careers Programs Login

Search

Air Force

2a251

Careers Military Programs

General and Operations Managers

Plan, direct, or coordinate the operations of public or private sector organizations. Duties and responsibilities include formulating policies, managing daily operations, and planning the use of materials and human resources, but are too diverse and general in nature to be classified in any one functional area of management or...

$133,385
Annual Wage

A Bachelor's Degree
Typical Education

Aerospace Engineering and Operations Technicians

Operate, install, calibrate, and maintain integrated computer/communications systems, consoles, simulators, and other data acquisition, test, and measurement instruments and equipment, which are used to launch, track, position, and evaluate air and space vehicles. May record and interpret test data.

$74,797
Annual Wage

A Master's or Professional Degree
Typical Education

Electronics Engineering Technicians

Lay out, build, test, troubleshoot, repair, and modify developmental and production electronic components,

Who is Emsi?

Emsi

CAREERBUILDER

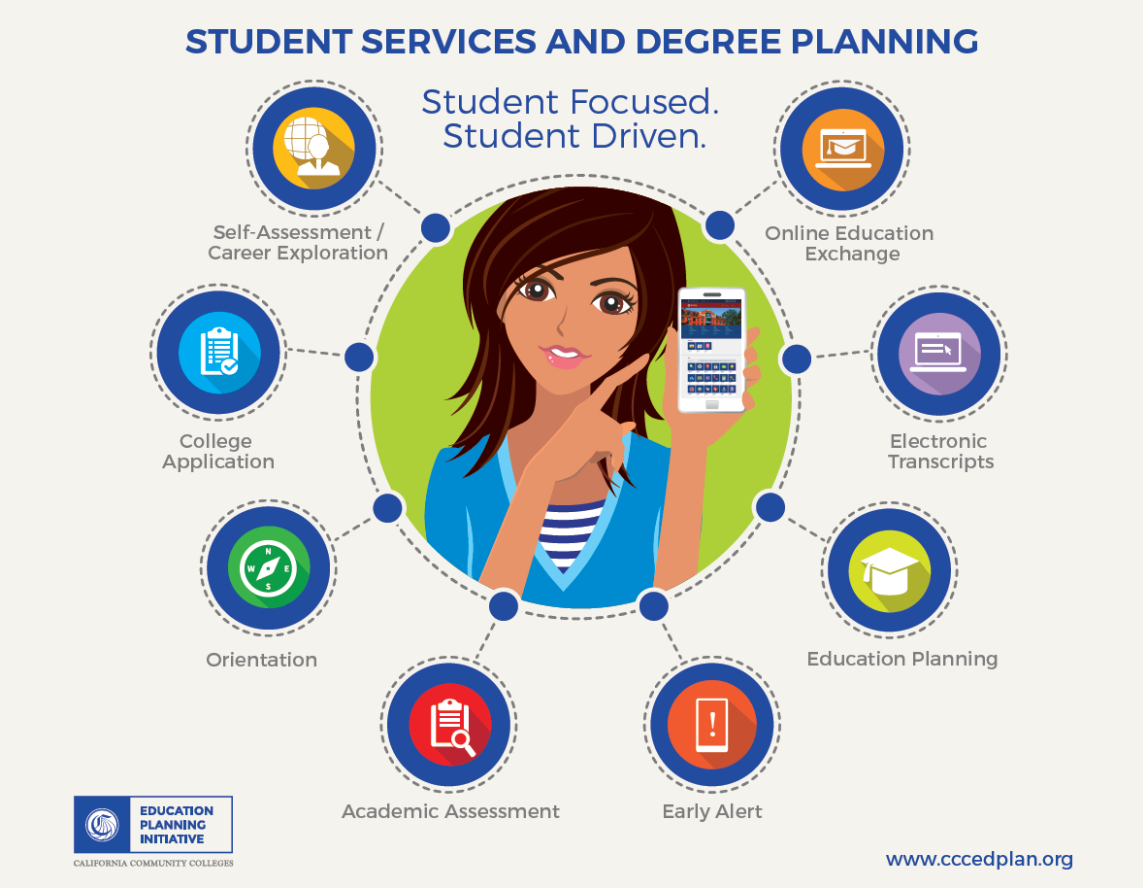
- **Partnerships & experience working with colleges in US, Canada & UK**
- **268 institutions have Career Coach in the US**
- **Decision-makers in higher education use & trust Emsi data**
- **Emsi works through tools or services with almost all CCCs**
- **1.1 million students used Career Coach in 2016**
- **Career Coach data is updated quarterly, with postings updated monthly (http://www.economicmodeling.com/data/)**

MyPath

- **Product Overview – What is MyPath?**
- **College Use Case: Santa Rosa Junior College**
- **Career Exploration: Career Coach**
- **Additional Features (Content pages, rules, communications)**
- **Current Status**

What is MyPath?

- **Statewide Student Services Portal**
- **Tools that colleges can use to help guide students through the matriculation process**
- **Fully customizable for each school, including messaging to different populations**



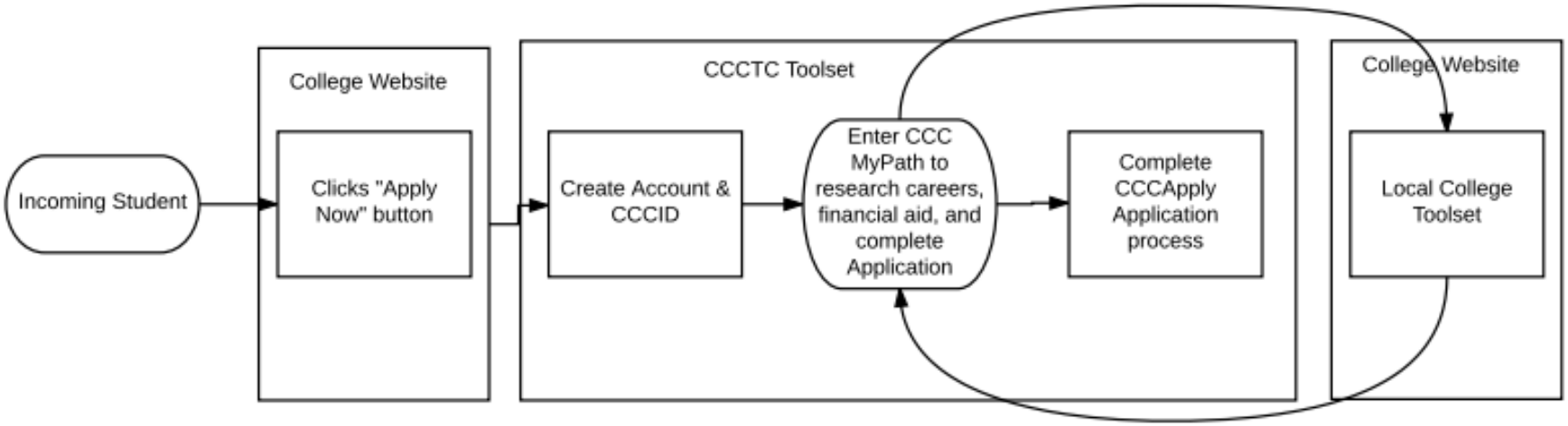
The Role of MyPath

MyPath has three major objectives that it fulfills for three separate constituencies:

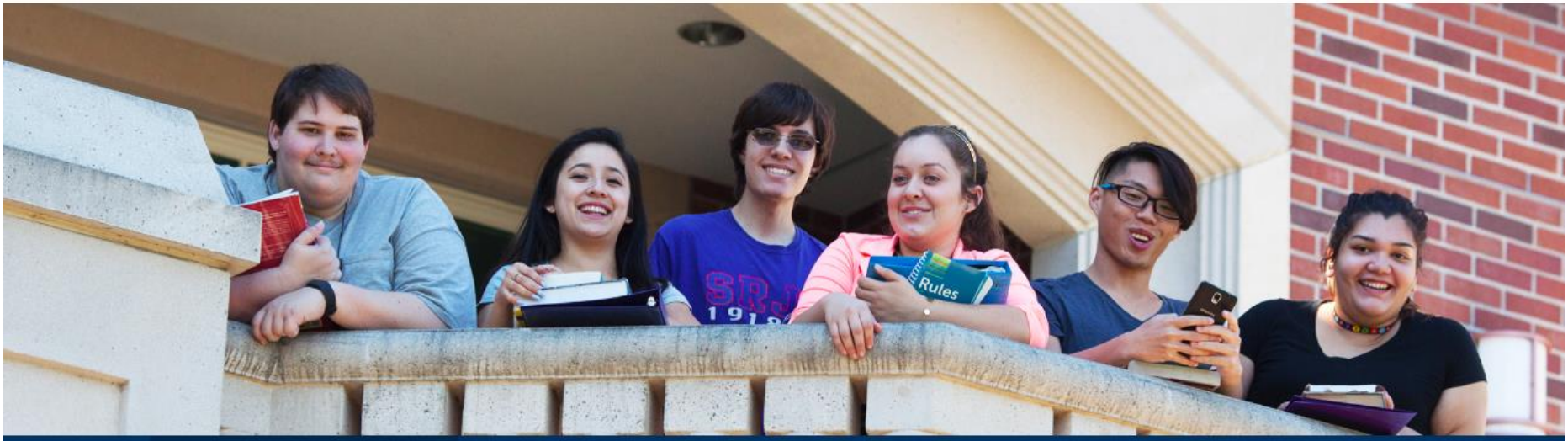
1. **Prospective CCC student workflow**
2. **Supplemental college portal**
3. **Can contain your additional apps - Cross-project services provider**

How does a student use MyPath?

Faith Freshman is an incoming student with great grades and extracurriculars who isn't sure what she wants to do post-college.



SANTA ROSA JUNIOR COLLEGE
Building on a Legacy of Excellence



Steps for New Students

Learn about the 5 steps for all new SRJC students

- Step 1: Apply
- Step 2: Assessment
- Step 3: Orientation
- → See all...

Financial Aid Info

Financial Aid can help you pay for college.

- Step One - Apply
- Step Two – Review
- Step Three – Follow up
- → See all...

Register for Classes

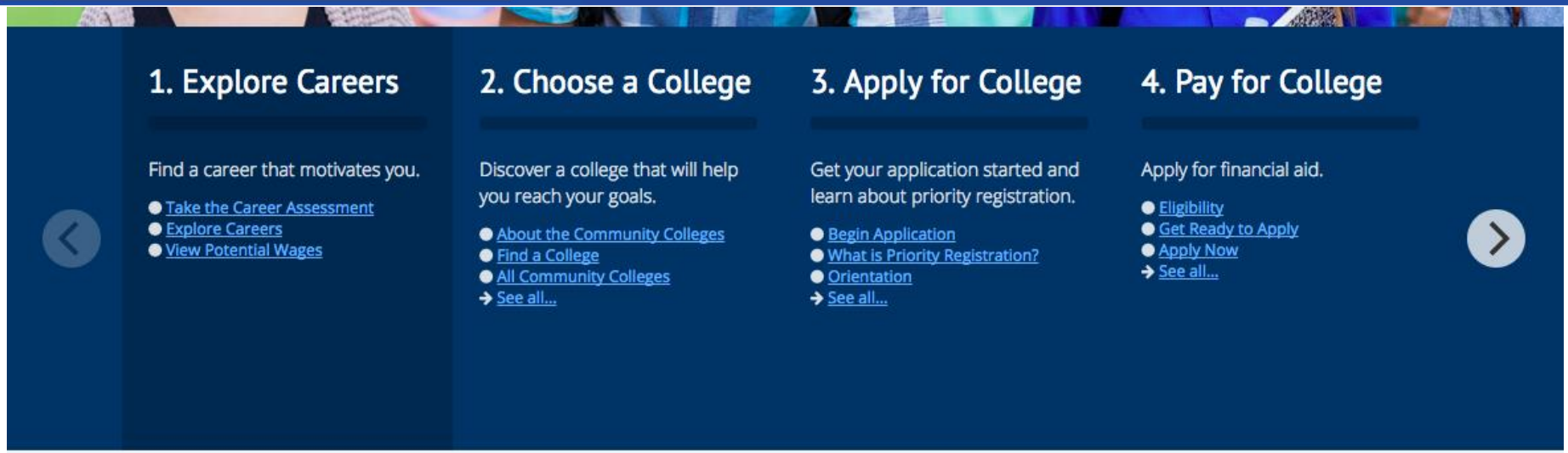
Finished the steps? Time to register!

- Register for classes

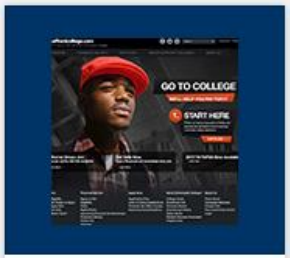
Online Learning

Find online classes and become a successful online learner.

- Canvas Login
- Find online courses
- Learn Canvas
- → See all...



Apps



Financial Aid

Priority Registration

CSU and UC Transfer

MyPath at Santa Rosa College

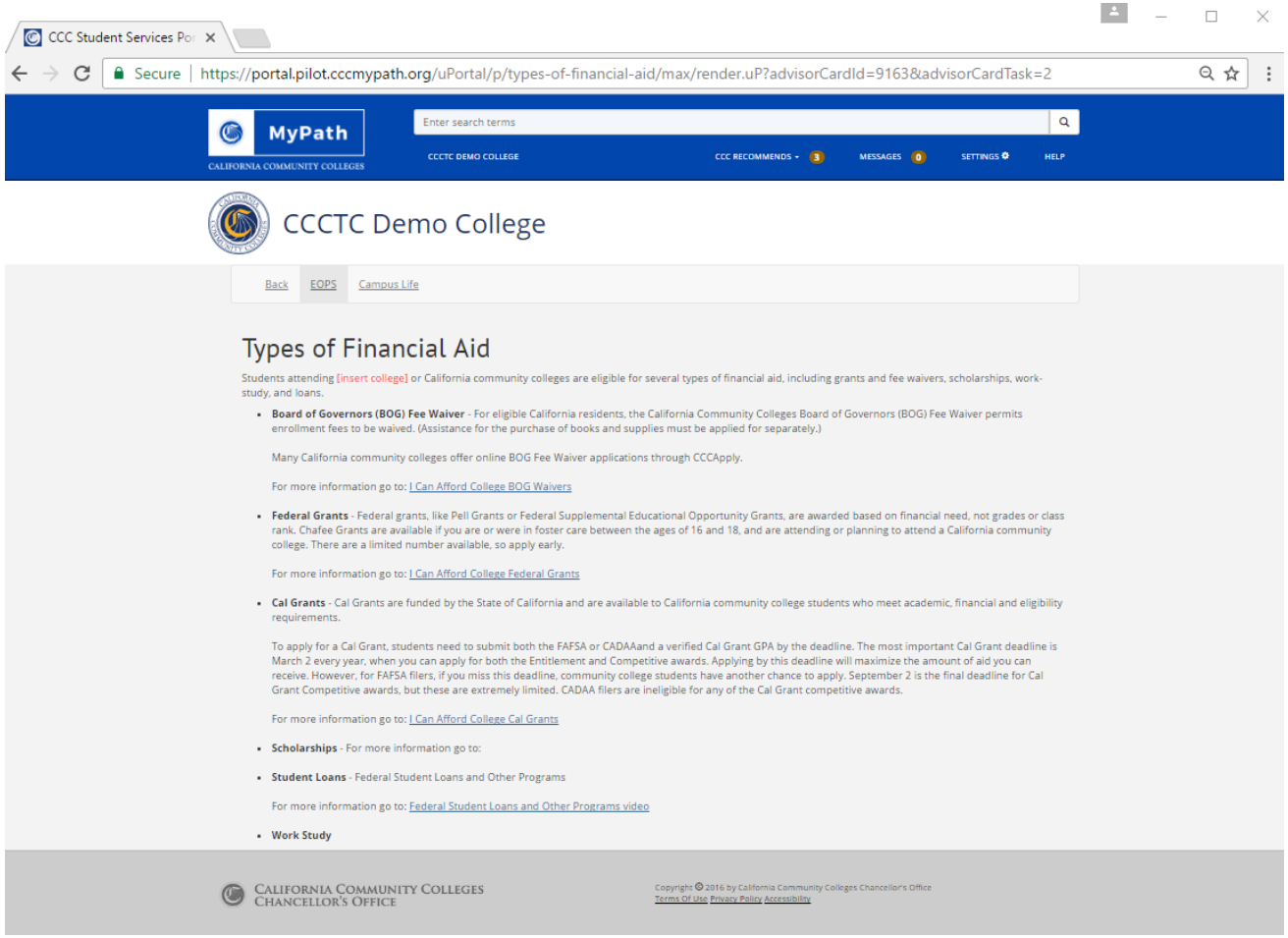
- How it's being used
- Usage statistics as of 4/5/17
  - 7,210 student logins
  - 2,324 advisor cards completed
- IT perspective: what went well, what was a learning experience
- Really Like: Configurable Adviser Cards

SANTA ROSA JUNIOR COLLEGE

MyPath Product Suite Snapshot:
Online Orientation:

- Provides a template with base content
- Content addresses Title V and student success regulations
- Customizable to meet individual college/district needs
- Tool can be utilized to implement various orientation models
- Available at no cost
- May be utilized to meet individual college and/or district needs
    - Santa Rosa and State Center District

MyPath Product Suite Snapshot: Financial Aid:



- **Drawn from *I Can Afford College* and input from subject matter experts**
- **Includes a call to action: Apply now!**
- **Easily customized**

EDUCATION PLANNING INITIATIVE

Sample Content Page with videos

CCC Student Services Por

Secure | https://portal.pilot.cccmypath.org/uPortal/p/education-plan-ccctc/max/render.uP?advisorCardId=9158&advisorCardTask=3

MyPath
CALIFORNIA COMMUNITY COLLEGES

Enter search terms

CCCTC DEMO COLLEGE | CCC RECOMMENDS 3 | MESSAGES 0 | SETTINGS | HELP

CCCTC Demo College

Back | EOPS | Campus Life

Education Plan: Make the most of your college experience

Learn more about priority registration: Peter's Story

One of the most important steps you take as a college student is setting career and educational goals.

Your Education Plan, created with the help of a counselor, is a step-by-step guide to meet your career and educational goals. Planning ahead will ensure you take your courses when you need them. Students with an Education Plan are that much closer to earning priority registration.

Identifying a Career Goal Helps Select Your Major

Choosing a career goal can be key to successful educational planning. Once you decide on a career goal you will be able to research the appropriate major and educational requirements.

If you are undecided about your career goal, taking a career planning course is a wise choice. Career planning courses can help you learn more about yourself as well as provide opportunities for you to explore careers that are compatible with who you are as an individual. Seeking the guidance of a counselor early is also a good idea. Counselors can help you make decisions about your goals or discuss the decisions you have already made and ensure that you take the right classes in the right order to achieve those goals.

You may not have time to fully explore these websites during your orientation, but take note of them so that you can access them later:

- Career Coach
- Who Do U Want 2 B? (External website - you are leaving MyPath)

Identifying a Major Helps Define Your Educational Goal

Some students know their major before they know what specific career they are interested in. Other students decide their career first and then learn what the best major is for that career choice. No matter what category you fall into choosing your major early will help you progress towards your goals much more efficiently and cost-effectively.

Identifying an Educational Goal Helps You Save Money

Initially, your educational goal may just to enroll in classes that you think you will enjoy or those that interest you. Some students want to take just a few classes to

MyPath Product Suite Snapshot:

- **Communications: MyPath can send email, text, UI messages**
- **Rules Engine: MyPath can do things based on student data, such as add a checklist item, show a content page, or generate a notification**
- **Reporting: The system includes reporting tools to help colleges understand student usage individually and in aggregate**
- **Integrations: Next phase will be to tie data from MyPath and include other projects so you know across multiple projects what your students are using.**

Current Status of MyPath

- **The product is currently available for adoption by all California Community Colleges**
- **If a college is interested in MyPath, our implementation team is ready to assist your adoption**
- **MyPath has live colleges and more are currently implementing**

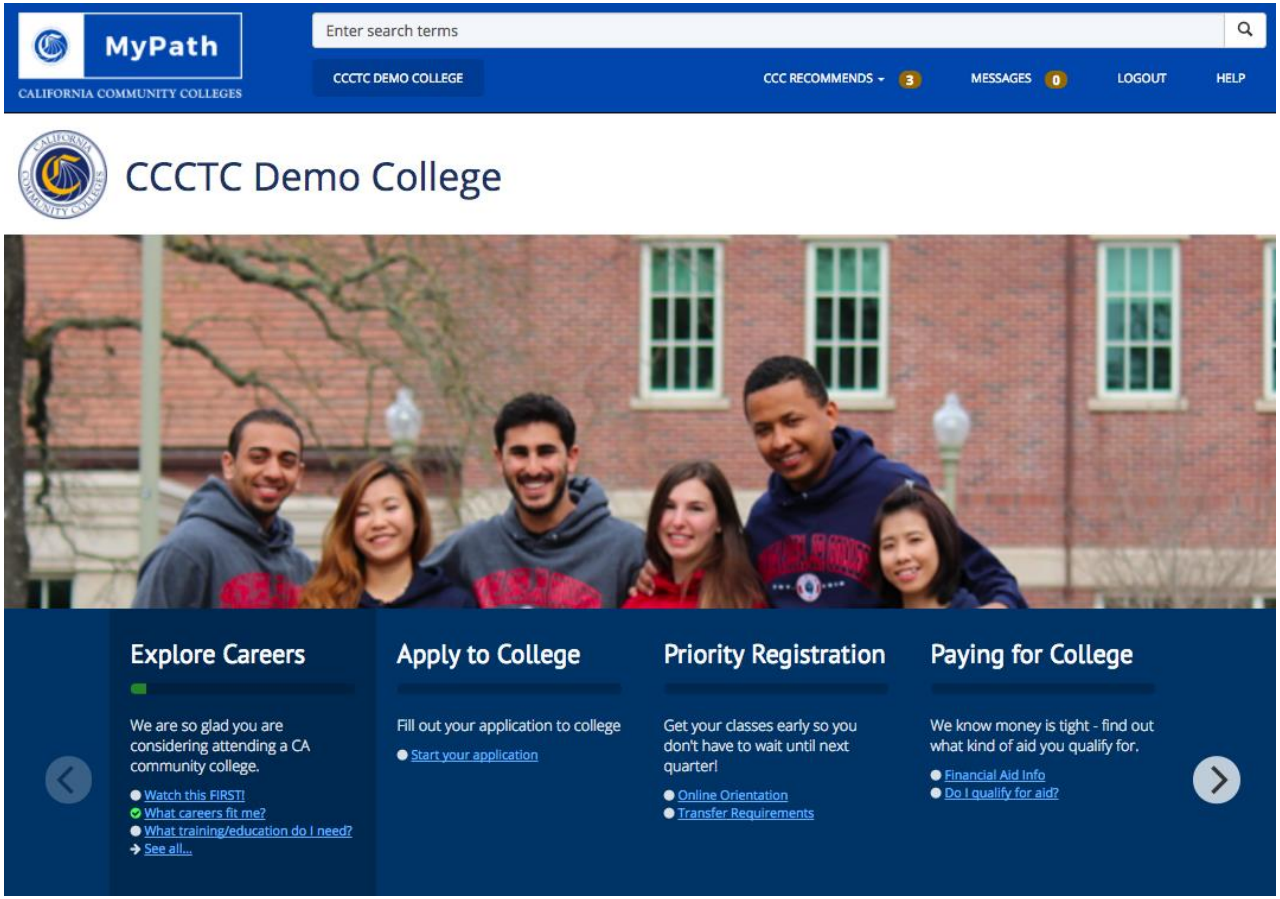
Summary

- **The MyPath suite of tools, including Career Coach, has been designed explicitly to promote student success**
- **Through MyPath - Career Coach:**
  - **Students will be able to explore regional occupational data**
  - **Students will be able to see their interests connected to careers, to programs, then those programs at specific colleges**
  - **Students will be assisted through direction on their path to get the education they need to see their future career**
- **MyPath is available now**

Thank You!

- Join the conversation: CCCEdPlan.org
- Want to be involved? epi@ccctechcenter.org
- User Community Support - Get Satisfaction

QUESTIONS?



Thank you

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CCCEdPlan.org

User Community:

https://www.ccctechnology.info/ccctc/categories/ccctc_career_coach