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RESOURCE GUIDE

Institutional Self Study – Data Resources

The vision of the CCC Maker project is to drive innovation in education STEM/STEAM careers. The initiative will develop a community of maker spaces that welcome non-traditional students and partner with businesses to produce innovation-ready graduates who can contribute to the creative economy.

The online data resources are useful tools to clarify needs and opportunities in your own ecosystem. These data can be used as a base of knowledge for your CCC Maker Project Implementation Plan. Look at your data, be curious about how your makerspace could impact the apparent gaps or opportunities, and consider these findings as part of your plan. We will follow up with more resources and a webinar on this topic soon. Please email me with any questions and we can discuss them during the webinar.

[CCC Student Success Scorecard:](#)

As part of the Student Success Initiative, the California Community Colleges Board of Governors established this performance measurement system that tracks student success at all 113 community colleges. You can select your college and view data on student demographics, success milestones, completion and transfer. The Scorecard compares rates for college ready and basic skills students and tracks CTE and Skills Builder information.

<https://collegescorecard.ed.gov/>

The US Department of Education maintains a nationwide data system sharing information on institutional characteristics, student costs and debt, graduation rates and earnings.

[Calpassplus](#)

The California Community Colleges Chancellor's Office maintains this statewide data system hosted by Cal-PASS Plus. It focuses on CTE programs and is intended to focus regional development of K-12, college transition and workforce development.

Tips

By accessing these online resources you will find information on:

- Student demographics including equity gaps and basic skills needs
- Socio-economic conditions that challenge student success and completion

- Labor Market Information showing high demand occupations in your region
- CTE program information showing completion and graduate income data

This information can help you identify issues that can be addressed through your makerspace implementation plan such as:

Closing equity gaps by:

- Appealing to non-traditional students through outreach activities
- Creating culturally relevant curriculum that celebrates diversity
- Integrating academic skills into real world problem solving
- Teaming with student support improve completion

Minimizing socio-economic impact by:

- Considering affordability of materials
- Scheduling activities to align with working students
- Coordinating with public transportation
- Aligning activities with scholarships and competitions

Aligning maker space programs with Industry demand by:

- Prioritizing internships that lead to high demand occupations
- Integrating entrepreneurship challenges that connect to industry mentors
- Integrating 21st Century Skills training with maker programs

Developing CTE programs that utilize making to:

- Offer alternative badging and credentialing for skills builders
- Accelerate completion through competency based assessments
- Maximize student earning potential through internships