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Session 605-2 – Career Pathways Student Data Management – CA School Only

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Session Overview

This course discusses how to implement a Pathway at your District.

How to properly tag Student Participation levels within a Pathway, along with how to record Outcomes and Experiences.

Aeries field tagging of CTE courses and a Course Sequence or Program of Study will also be demonstrated.



Session Prerequisite

Although not required, it is strongly recommended that **Session 605-1 – Fundamentals of Career Pathway** be attended or reviewed prior to this session. That session discussed the impacts to CTE as a result of modifications made to the CTE State Plan due to the implementation of Perkins V. The proper tagging of College Credit Courses based on common scenarios was also illustrated for purposes of the CCI.

A recording of that session will be available to review. A PDF version of the PowerPoint presentation is also available for that session.

[Session 605-1 Documentation](#)

How to Implement a Successful Pathway

- ✓ Identify the Stakeholders in Data/Pathway Management and assign tasks accordingly
- ✓ Create Pathway Descriptions and a Course Sequence Outline
- ✓ Establish Timelines and Communication Methods



Stakeholders in Data and Pathway Management

- ✓ CTE Coordinators
- ✓ CALPADS and IT Administrators
- ✓ Counselors
- ✓ School Site Administrators
- ✓ CTE Teachers
- ✓ Human Resource Staff



Example of a Pathway Outline

	A	C	D	E	F	Formula Bar	H
	Eagle Unified School District CTE Sequence of Courses						
1		Academy/Industry Sector	CTE Pathway Association	Introductory Course	Concentrator Course	Capstone Course	Academy Description
2	Screaming Eagle High School	Agriculture & Natural Resources	Agriscience	Ag Biology A-G "D"	Agriscience I A-G "G" Ag Chemistry A-G "D"	CDE Agriscience II A-G "G" Ag Leadership & Careers A-G "G"	The Agriculture and Natural Resources Academy (ANR) at Screaming Eagle High School prepares students for high skilled, high wage jobs in the agriculture industry focused on Agriscience and Ornamental Horticulture. All students participate in FFA events and work towards earning their Green Hand card which is an industry recognized certification. Cross curricular projects integrate academic subjects such as math, english, and science.
3			Ornamental Horticulture	Ag Biology A-G "D"	CDE Environmental Horticulture A-G "G"	Art & History of Floral Design A-G "F"	
4	6	Health Sciences & Medical Technology	Patient Care	Health Careers 1	Health Careers 2	Advanced Concepts for Medical Professionals "G"	The Health Academy at Screaming Eagle High School gives students all aspects of the industry to prepare them for careers in the healthcare industry. All students participate in job shadows and internships at a local hospital and community healthcare clinics. Cross curricular projects integrate academic subjects such as math, english, and science. Additionally students get a chance to participate in HOSA events and compete against other students both regionally and nationally.
5			Mental & Behavioral Health	Health Careers 1	Psychology Health A-G "G"	Mind Matters A-G "G"	
6	8	Information & Communication Technologies Pathway	Information & Support Services	Computer Concepts One A-G "G"			The Information & Communication Technologies courses at Screaming Eagle High School offer students a variety of projects designed to prepare them for careers in the technology field. Students analyze, design, and manage information to give them critical thinking skills. The newest strand of this academy is the Cisco networking strand, all students will have the opportunity to earn the industry recognized CompTia A+ certification after completion of IT Essentials, and CCENT (Cisco Certified Entry Network Technician) upon completion of all three courses in the sequence.
7			CISCO Networking	CTE IT Essentials A-G "G"	Internet Engineering 1 A-G "G"	Internet Engineering 2 A-G "G"	
8	10	Hospitality, Tourism, Recreation Academy	Hospitality & Tourism	Hospitality I A-G "G"	Hospitality II A-G "C"	Hospitality III A-G "G"	The Hospitality Academy at Screaming Eagle High School is the oldest academy in the district. This academy is focused on preparing students for hotel and event management. All three courses were recently upgraded to receive university A-G credit. All students participate in work-based learning at resort hotels throughout the valley including the JW Marriott.
9			Public Services Academy	Public Safety	Intro to Criminal Justice	Forensics Science 1 A-G "D"	
10	11	Arts, Media & Entertainment Digital Design & Production Academy	Design, Visual & Media Arts - Graphic Design Sub-Pathway	RCOE Creative Digital Media A-G "F"	RCOE Digital Media Web A-G "F"	ROP Multi Media Web Design	The Digital Design & Production Academy (DDP) offers students a wide variety of interdisciplinary projects that allows students to express their creativity through graphic design and film. Students are exposed to real-world scenarios by working with industry professionals to hone their skills, while producing industry professional projects.
11			Production & Managerial Arts	RCOE Creative Digital Media A-G "F"	RCOE Digital Film I A-G "F"	RCOE Digital Film II A-G "G"	
12	13	Engineering Pathway	Engineering Design	Engineering Geometry w/Physics A-G "D"	Engineering Your World Honors A-G "G"	Engineering Your World 2	The Engineering Pathway, focused on engineering design, challenges students to critically think and problem solve design features. The pathway uses Engineer Your World curriculum for students who want to learn more about engineering and its role in shaping our world. Developed by University of Texas faculty and NASA engineers working in collaboration with experienced secondary teachers and curriculum developers, this hands-on course engages students in authentic engineering practices in a project-based environment. By scaffolding student learning over a series of engaging and socially relevant design challenges, the curriculum tells students the story of engineering as they develop design skills and engineering habits of mind.
13	14						



Establish Timelines and Communication Methods

- ✓ What needs to be ...
 - ✓ Completed before the School year begins?
 - ✓ Ongoing throughout the year?
 - ✓ In place after the School year ends for CALPADS EOY Reporting?
- ✓ How will Students and Parents know about what is available for College and Career Readiness?
- ✓ How will Counselors be notified if a Student is out of sequence? ¹

Career Pathway Management in Aeries

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Thank you!