Oklahoma Programs of Study Summit

"Moving from POS to RPOS in Oklahoma"

Moore Norman Technology Center | Feb 27, 2013

Welcome

Becki Foster
Associate State Director



A National Perspective

Dr. Robert Shumer

University of Minnesota

Research Associate/Lecturer



Background

NRCCTE has been conducting research on POS for past several years.

Information available on website (nrccte.org) and in ACTE Journal (Techniques, Jan. 2012).

I am internal evaluator of the NRCCTE (assessing all program/role of Center)

Also conducted 2 national studies of POS



National Programs of Study Institute

Program by NRCCTE to assist states with development of POS efforts

Selected 4 states/territories (OK, KY, MN, and Guam) that applied to assist with POS development. I was advisor to OK. Currently working with MN and Guam, too.

Assigned a consultant/advisor to each group

Conducted a series of meetings in Louisville, Washington, DC, and at local sites to develop a plan for promoting/training for POS.

The purpose for the Institute: connect research to practice (major theme of the NRCCTE)....develop agenda to share information with actual program development



What Did Research Say?

- POS built on history of School to Work/Tech Prep programs and people
- POS is about more than just CTE....is about educational reform: project-based learning, contextual learning, connection with real world environments, student engagement
- Relationships matter: not rigor, relevance, and relationships; its about relationships, relevance, and rigor
- Lots of good examples in each state
- Collaboration is key to successful implementation



Challenges

- Need time to further relationships between academic teachers, CTE teachers; secondary and post-secondary institutions/programs; business/industry and educational systems; address cultural mission/ misalignment between secondary and post-secondary institutions
- Involve counselors more in guidance process (yet students often seek advice from CTE teachers, parents, CTSO advisors)
- Career development/job acquisition is not always linear some students able to find jobs through good high school CTE/POS efforts --- so immediate movement to Community College not always the career path chosen
- Collect good data on outcomes: academic achievement, skill certification, graduation, job acquisition
- Develop campaign to tell the story of successes: media exposure

Streamline paperwork



Outcomes of NPOSI

You are experiencing it today! Each state developed a plan to conduct their own "institute."

Convened meetings with key people, selected small group of exemplary districts/institutions that can/will refine their program so they can share with others.

Developed plans to continue the process....connect research with practice, connect evidence production with program improvement

Go Oklahoma!

Developed one of the most comprehensive plans for the state "institute."

Created a team of critical players to move the initiative forward. Have been convening meetings of districts/institutions to take POS to next level

Had the vision to connect POS with state agenda of Career, College, and Citizenship readiness

All eyes on OK to see how they do in the future!



POS and Carl Perkins

Janet Cooper State Coordinator

Alignment

Effective ALIGNMENT between CTE and labor market needs to equip students with 21st-century skills and prepare them for in-demand occupations in high-growth industry sectors

Collaboration

Strong COLLABORATION among secondary and postsecondary institutions, employers, and industry partners to improve the quality of CTE programs

Accountability

Meaningful ACCOUNTABILITY for improving academic outcomes and building technical and employability skills in CTE programs, based upon common definitions and clear metrics for performance

Innovation

Increased emphasis on INNOVATION supported by systemic reform of state policies and practices to support CTE implementation of effective practices at the local level.

Programs of Study to Rigorous Programs of Study in Oklahoma

Technology Centers That Work

High Schools That Work

Pathways to Prosperity

Reflect, Transform, Lead: A New Vision for Career Technical Education

Carl D. Perkins Career and Technical Education Act of 2006

A Program of Study is a comprehensive, structured approach for delivering academic and CTE to prepare students for postsecondary education and career success

Program of Study

Cluster

Pathway

Major

Courses

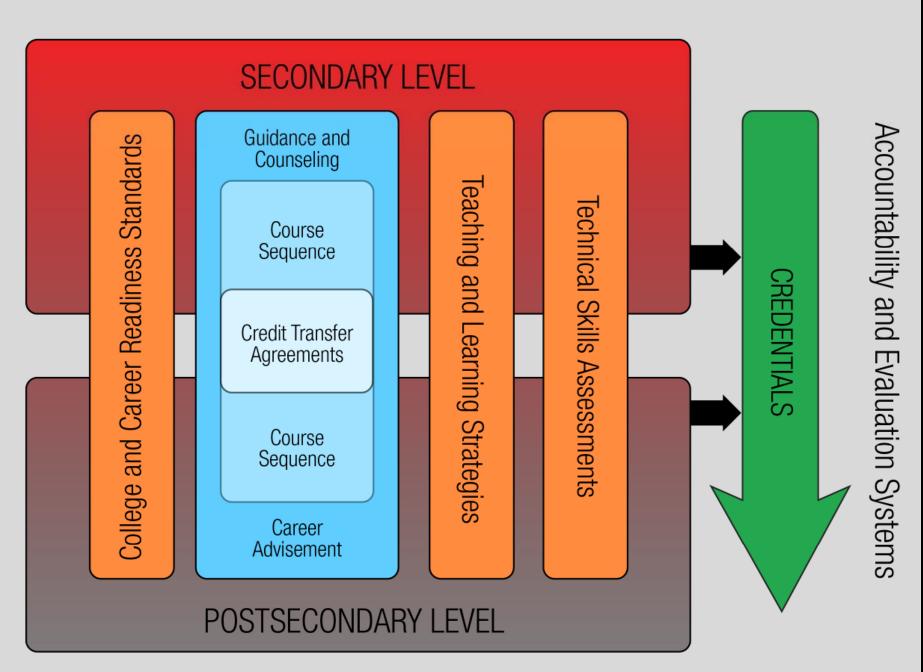
Carl Perkins IV & Programs of Study

Incorporate and align secondary and postsecondary education elements

Include academic and CTE content in a coordinated, non-duplicative progression of courses Offer the opportunity, where appropriate, for secondary students to acquire postsecondary credits, and

Lead to an industry-recognized credential or certificate at the postsecondary level, or an associate or baccalaureate degree

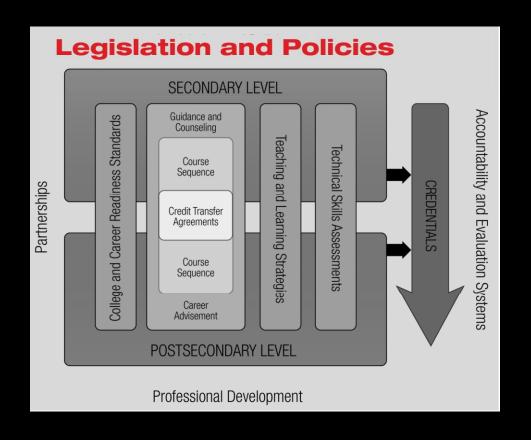
Carl Perkins V & Rigorous Programs of Study



Professional Development

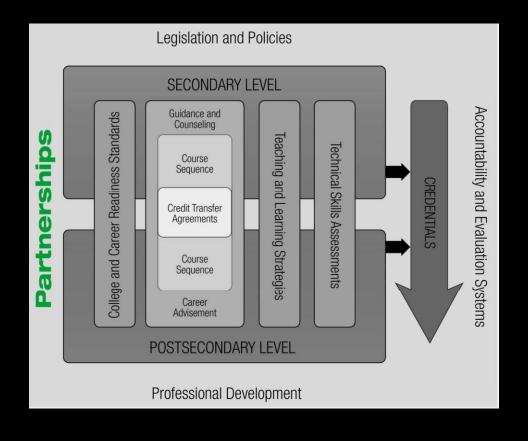
LEGISLATION AND POLICIES

Federal, state, and local legislation or administrative policies promote POS development and implementation.



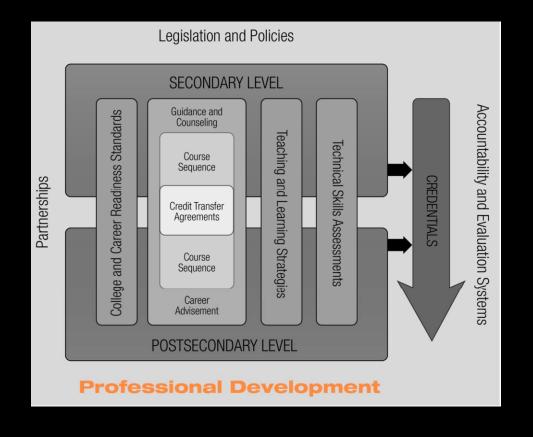
PARTNERSHIPS

Ongoing relationships among education, business, and other community stakeholders are central to POS design, implementation, and maintenance.



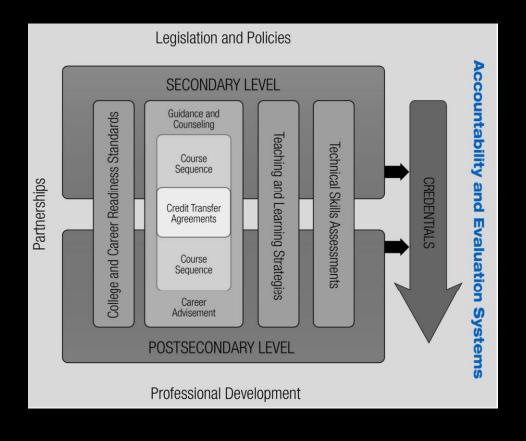
PROFESSIONAL DEVELOPMENT

Sustained, intensive, and focused opportunities for administrators, teachers, and faculty foster POS design, implementation, and maintenance.



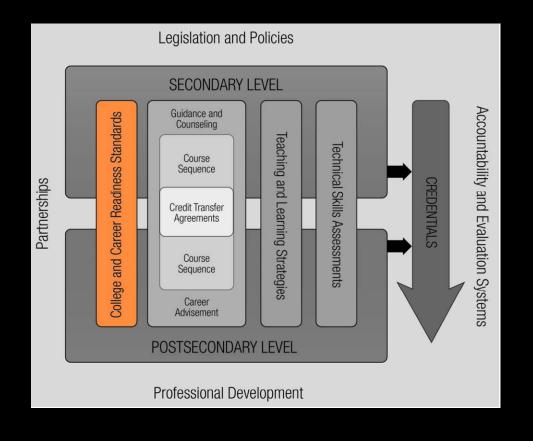
ACCOUNTABILITY AND EVALUATION SYSTEMS

Systems and strategies to gather quantitative and qualitative data on both POS components and student outcomes are crucial for ongoing efforts to development and implement POS.



COLLEGE AND CAREER READINESS STANDARDS

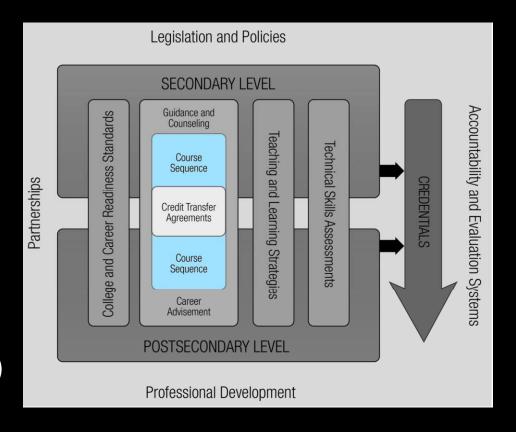
Content standards that define what students are expected to know and be able to do to enter and advance in college and/or their careers comprise the foundation of a POS.



COURSE SEQUENCES

Non-duplicative sequences of secondary and postsecondary courses within a POS ensure that students transition to postsecondary education without duplicating classes or requiring remedial coursework.

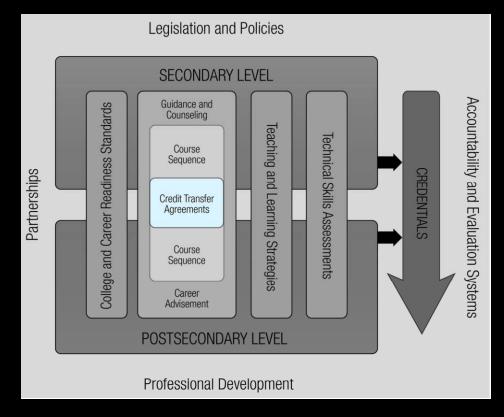
(Individual Career Plan)



CREDIT TRANSFER AGREEMENTS

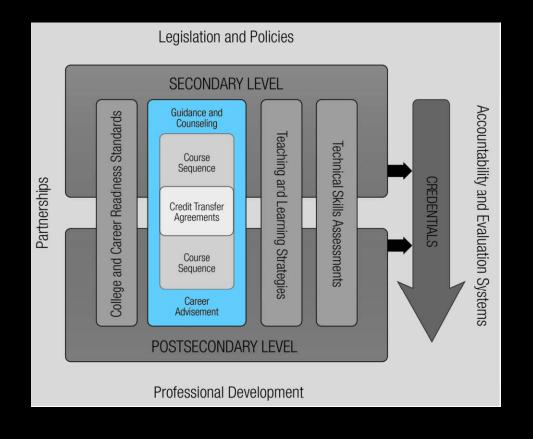
Credit transfer agreements provide opportunities for secondary students to be awarded transcripted postsecondary credit, supported with formal agreements among secondary and postsecondary education systems.

(Cooperative Alliance Program)



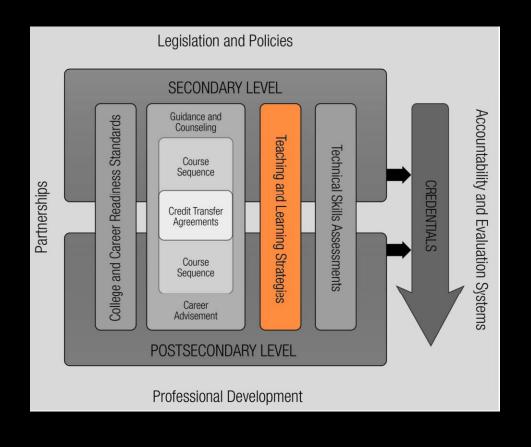
GUIDANCE COUNSELING AND ACADEMIC ADVISEMENT

Guidance counseling and academic advisement help students to make informed decisions about which POS to pursue.



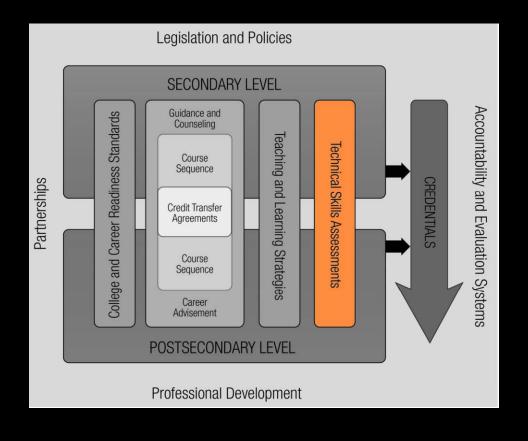
TEACHING AND LEARNING STRATEGIES

Innovative and creative instructional approaches enable teachers to integrate academic and technical instruction and students to apply academic and technical learning in their POS coursework.



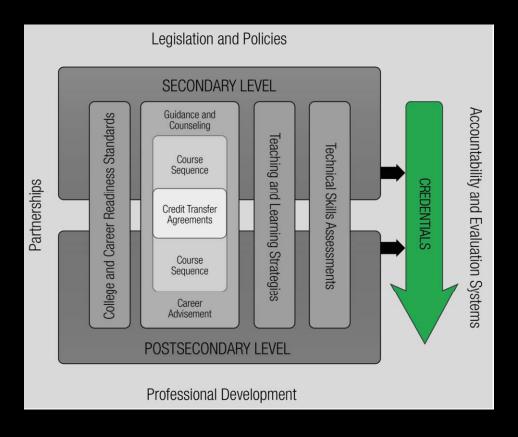
TECHNICAL SKILLS ASSESSMENTS

National, state, and/or local assessments provide ongoing information on the extent to which students are attaining the necessary knowledge and skills for entry into and advancement in postsecondary education and careers in their chosen POS.



Credentials

Lead to an industryrecognized credential or
certificate at the
postsecondary level, or
an associate or
baccalaureate degree



National Programs of Study Institute



Challenges

Legislation and Policies
Accountability
Common Language

Common Language

Analysis of Stakeholder Interpretations of Programs of Study in Oklahoma

Common Language

Analysis of Stakeholder Interpretations of Programs of Study in Oklahoma

Individual Career Plan

Oklahoma Programs of Study Institute

careertech

Okposi

Caddo-Kiowa Technology Center **Choctaw High School** Claremore High School Meridian Technology Center Mid America Technology Center Oklahoma State University Institute of Technology Redlands Community College Tulsa Community College Tulsa Public Schools

The Project

Action plan for addressing one or more implementation barriers

Implementation barriers could have addressed specific elements of the framework or provide an overall strategy for RPOS implementation

Describe how the action plan developed during the Institute will be communicated with your partners (secondary, technology center, postsecondary), used as a "blueprint" for RPOS design and used to build capacity for RPOS implementation.

What RPOS Could Look Like at Your School

Choctaw High School
Caddo-Kiowa Technology Center
OSU Institute of Technology

"Be Our Guest at CHS"

Kecia Ferguson
Choctaw High School



RPOS Connection

Guidance, Counseling and Academic Advisement, Teaching and Learning Strategies,



Choctaw High School

1,430 students & 83 teachers

9th grade – 12th grade with a Freshmen Center

Suburban community

Bedroom community

Limited Business Partners in the City of Choctaw

Easy access to Tinker Air Force and OKC Metro Business Partners

Eastern Oklahoma Technology Center (EOC)

Rose State College (Ticket to Rose)



Project Goal

CHS will enhance and improve all Career Academy curriculums including Program of Study materials, partner participation, curriculum presentations, and resources/materials availability.



What does a Career Academy look like?

Teachers as Advisors program based on students' career interests

15 - 20 students per teacher

Seven Career Academies & the Freshmen Academy

Meet approximately 2 times a month

Curriculum may focus on a variety of topics throughout the year including character building, academics, colleges, career focused, current issues or concerns, enrollment, and guest speakers

Each Career Academy has a lead teacher



CHS Career Academies

Business

Military Studies

Natural Science

Human Services

Health & Medical

Engineering & Technology

Fine Arts & Communication

Freshmen Academy



Problems with Consistency

Not all teachers bring the same enthusiasm for the program to the table

Training new teachers

Difficulty in getting guest speakers

Guest speakers not showing up on Speaker Days

When you get a great guest speaker, you may not always be able to get them back

Curriculum needs to be tweaked occasionally

Curriculum or guest speakers could be relevant to courses

Our Plan

Focuses on the Partnership Program of Study Component

Create web-based resources that can be used by Career Academy Teachers

Video tape our guest speakers and upload the videos to the CHS website aligned to the specific Career Academy

Create links to all curriculum resources used by teachers on the Career Academy WebPages

Upgrade the current Plan of Study to include a 4 year College Plan of Study for various degrees



Guest Speaker Videos Interview Questions

Standard Questions for All Speakers:

Who are you?

What is your job/career? How long have you been in this career?

Where are you currently employed?

What education/certification do you have?

Guest Speaker Videos Interview Questions

Optional Questions for the Speaker to Choose to Answer:

What classes or types of classes would you suggest for someone to take who is interested in your field?

What is your favorite thing about your job?

What degree is required for someone in your field?

Is your job a starting position? If not, how would one work their way into it?

In your career field, what is the expected salary for someone in an entry-level position?

What inspired you toward this career?

What skills are needed?

How does this affect family life?

What is the future outlook for this career? How will technology play a role in its outlook?

What is the work environment like?

How would having a social network affect your job?



Current Status

We have video taped some of our speakers this year.

We are working with the District Webpage person on getting the videos on the Career Academy pages.

Academy Deans have been given some training on how to upload the curriculum on the WebPages.

Career Academy Deans will meet this summer to complete the uploading of all curriculum.



CKTC Visual Design for Program of Study

Polly Bredy Caddo Kiowa Technology Center



RPOS Connection

Legislation and Policies, Partnerships, Professional Development, Accountability and Evaluation Systems, College and Career Readiness Standards, Course Sequence, Credit Transfer Agreements, Guidance, Counseling and Academic Advisement, Teaching and Learning Strategies, Technical Skills Assessments

Partnerships

The Program of Study Core Team is working with the Washita Valley Regional Partnership Director to Establish Business Education Councils (Spring 2013). Actions to be completed:

- Develop a memorandum of understanding with each Business Partner who will serve on Business Education Councils
- Work with Business Partners to understand workforce development needs and develop clearly defined goals
- Work with all partners to ensure program meets relevant rigor in the CT content areas

Transportation & Logistics

Student Name					Grade				
	9th Grade	10)th Grade		11th Grad	e	12th Grade		
	English I		English II			English III		English IV	
нісн ѕсноог	Algebra I		Geometry or Algebra II		I	Algebra II or Geometry		***Elective or Math Elective	
	OK History/Government Geography o			or World History		US History or American History		*** Elective or Science Elective	
	Physical Science or Biology I Biology I or			r Lab Science		Biology II or Chemistry or Lab Science		r *** Elective or Social Studies Elective	
	*Art/Music/Speech *Art/Music/			:/Speech		Elective or Caddo Kiowa Tech		Elective or Caddo Kiowa Tech	
	**Computer I or Foreign			r II or Foreign		Elective or Caddo Kiowa Tech		Elective or Caddo Kiowa Tech	
	Elective Elective					Elective or Caddo Kiowa Tech		Elective or Caddo Kiowa Tech	
	"Students who are planning to attend college are required to take one Art/Music/Speech. Common Core students must take two arts. "Students should plan to complete either 2 courses in a Foreign Language or Computer Technology to meet college/OK Promise requirements. (Computer Technology may be taken at the Tech Center) "To meet college entrance requirements, students are required to take an additional English, math, science, social studies, computer science or foreign language. NOTE: For NCAA requirements go to www.ncaa.org								
	Recommended Career Cluster Electives								
	High School Electives □ Agriculture Education □ Physical Education □ Speech					Caddo Kiowa Technology Center □Non-Structural Repair □Detailing Specialist □Automotive Chassis Technician □Medium/Heavy Diesel Preventative Maintenance Technician			
	Technology Center Comm					nity College College/University			
	(1-2 Year Program)			2 Year Associate Degree		4-7	Year Bachelor Degree/Advanced Degree		
Post -Secondary	□Combination Collision Repair Technician □Automotive General Service Technician □Automotive Maintenance & Light Repair Technician □Automotive Service Technician □Medium/Heavy Diesel Serve Technician			□OSU-IT Automotive Collision Repair Technology □OSU-IT Automotive Service Technology □OSU-IT Diesel & Heavy Equipment Technology		Busin	v		
							ege		
This program of study should serve as a guide. Courses listed within this plan are only recommended coursework and should be individualized to meet each student's educational and career goals.									
Career Opportunities With/Without Additional Education/Training									
			••					Automotive Detailer	
		Auto Res	storer			Truck Mechanic		Estimator	
		Master M			Specialt	cialty Technician		Inventory Control Clerk	
Parts Mana	Parts Manager Busin		Owner/ Deale	ership/Body	Transm	Fransmission Specialist		Repair Shop Manager Truck/Automotive	



Professional Development

Things we do well

- Developed Focus Teams to provide guidance in all areas of school improvement
 - Professional Development Focus Team truly drives professional development decisions based on data collected from a variety of sources
 - Teacher Survey
 - Character First/21st Century Skills
 - Technology Centers That Work (TCTW)
 - Teacher Leader Effectiveness
- Action Steps
 - Develop a system to include secondary and post secondary input into programs



Accountability & Evaluation System

Action Plan:

- Data Focus Team for continuous school improvement
- Development of a Data System (Silverback Learning Solutions) that will collect key information in regards to the Ten Essential Elements

Other Evaluation Tools

- McREL
- Teacher Leader Effectiveness
- TCTW Student & Teacher Surveys
- Perception Surveys

Follow Up Reports



College & Career Readiness Standards

Redlands Community College... 74Hours Available
OSU Institute of Tech...170 Hours Available
Southwestern University 70 Hours Available

Total Enrollment Fall of 2012

- 139 Students
- 1243 College Credit Hours



Course Sequence

Career Plans to be used with partner schools

Partner School Liaison

Individual Career Plans

- Career Major
- College Credit Available
- Required Competency/National/Industry
 Certification



Guidance Counseling & Academic Advisement

Partner School Liaison

- Explore
- Plan
- End of Instruction Remediation

Academic Integration Teacher

- Advanced Academics
- Remediation
- Plato
- Work Keys
- OKCIS

Recruitment Director

- Enrollment
- Orientation
- Scholarships



Teaching & Learning Strategies

Southern Education Board

Technology Centers That Work (TCTW)

Character First

MAX Teaching

ACT Preparation

Focus Team: Quality Instruction & Curriculum

Mentor Teachers

Survey Teachers About Professional Development Needs



Technical Skill Assessment

National/Industry Certification

- ASE
- -CDA
- Licensures
- State Board Certification

Competency Certificates

Career Readiness Certificates (Work Keys)

Evaluating College Readiness in Oklahoma's Cooperative Alliance Students

Jody Craig
OSU Institute of Technology



RPOS Connection

Partnerships, Accountability and Evaluation Systems, College and Career Readiness Standards, Course Sequence, Credit Transfer Agreements, Technical Skills Assessments



Background

OSUIT established college credit articulation agreements with many of Oklahoma's CareerTech centers in the 1980s

Since then, these agreements have grown and developed into the current Cooperative Alliance agreements

OSUIT currently has Cooperative Alliance agreements with over 50 technology center campuses



Background

'E DF TECHNOLDG'

Approximately 10-15% of OSUIT students enter college with previous Cooperative Alliance credit

Many foundation courses for OSUIT's degree programs are offered at Oklahoma's CareerTech centers through Cooperative Alliance agreements

Background

'E OF TECHNOLOGY

Students who enter AAS degree programs at OSUIT with previous Cooperative Alliance credit are enrolled in 2nd or 3rd semester courses that build upon these foundation courses

Student success is dependent upon a thorough understanding of the program's foundation courses

Purpose

The purpose of this study is to evaluate current cooperative alliance agreements and to determine if students are prepared to enter rigorous degree programs at OSUIT.



Methodology

INSTITUTE OF TECHNOLOGY

We will follow the progress of student cohorts who entered the following OSUIT AAS degree programs in Fall 2008 and Fall 2009

- Culinary Arts
- Engineering Technologies Electrical/Electronics Specialization
- Engineering Technologies Engineering Graphics & Design/Drafting Specialization
- Engineering Technologies Manufacturing Technology Specialization
- Information Technologies

Methodology

Students sampled will include former
Cooperative Alliance (CAP) students as well as
students who entered OSUIT with no CAP
credit

For the purpose of this study, the control group will be those students who received credit for their technical prerequisites at OSUIT

Methodology

Student performance will be tracked from initial enrollment in OSUIT program through graduation (or exit date if student does not complete degree)

Data will be analyzed to determine if there is a significant relationship between student performance in OSUIT technical coursework and previous CAP credit in the program area

Data

Methodology

- Student Major
- CareerTech Center Attended (if applicable)
- Remediation Required (Reading, English, Math, or Technical)
- Total Number of CAP Credit Hours
- CAP GPA
- Total Number of Non-CAP Technical Hours
- Non-CAP Technical GPA
- Final Cumulative Graduate/Retention GPA
- Persistence to Graduation



Significance

If research shows that former Cooperative Alliance students perform at an equivalent or higher level in OSUIT's technical courses when compared to those students who take their prerequisites at OSUIT, it will justify maintaining and/or expanding agreements in these program areas.



Significance

However, if research shows that former
Cooperative Alliance students do not perform
at an equivalent level in OSUIT's technical
courses when compared to those students
who take their prerequisites at OSUIT, it will
serve as an indicator that these agreements
may need to be revised.

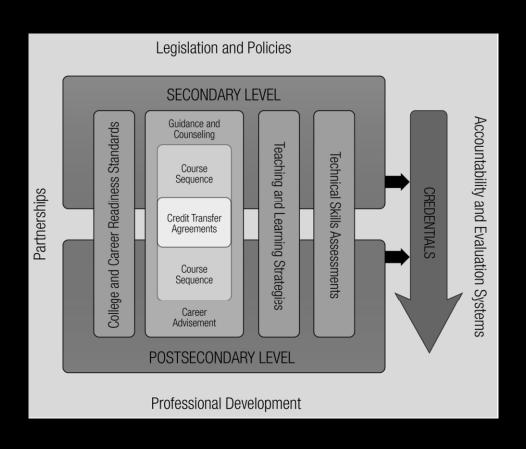


Summary of Initial Findings

How are our Cooperative Alliance students doing?

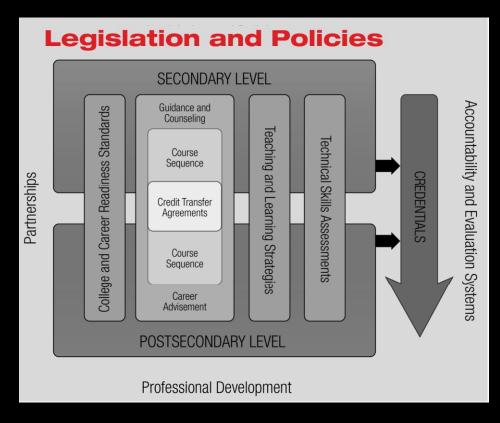


Evaluating the RPOS Framework



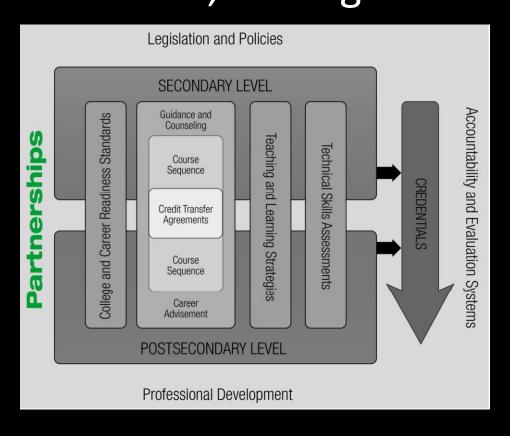
LEGISLATION AND POLICIES

Janet Cooper Carl Perkins, State Coordinator



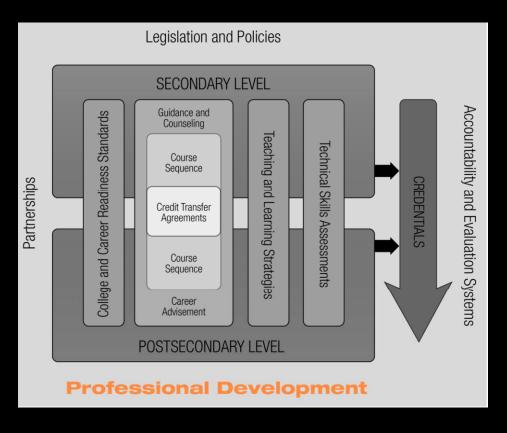
PARTNERSHIPS

Kelly Arrington Career and Academic Connections, Manager



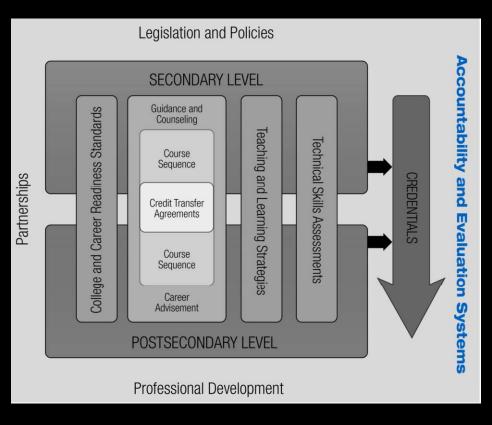
PROFESSIONAL DEVELOPMENT

Twila Green
High Schools That Work



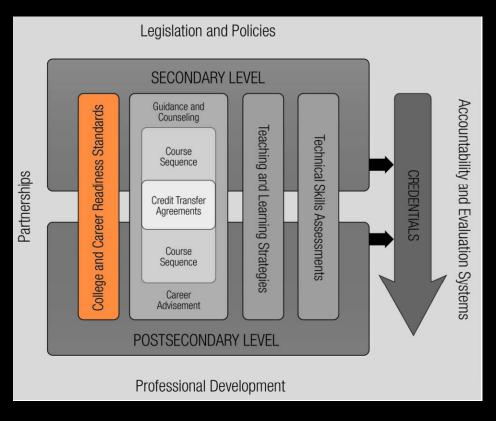
ACCOUNTABILITY & EVALUATION SYSTEMS

Janet Cooper
Carl Perkins, State Coordinator



COLLEGE & CAREER READINESS STANDARDS

Jeremy Zweiacker
State Programs of Study Coordinator



What RPOS Could Look Like at Your School

Claremore High School

Meridian Technology Center

Redlands Community College

Zebra Advisement Program

Fielding Elseman
Claremore High School



RPOS Connection

Partnerships, College and Career Readiness Standards, Course Sequence, Guidance Counseling and Academic Advisement



ZAP

Zebra Advisement Program

Purpose – Enhance students' awareness of educational and career opportunities and to assist students in making meaningful and informed choices regarding their preparation for the future. This will be accomplished through consistent individualized guidance and joint student/parent/teacher comprehensive planning.

Claremore's advisement program is the oldest in the state.



ZAP

Zebra Advisement Program

- Each student is assigned a ZAP advisor in the ninth grade and continues working with them until they graduate.
- Students meet with their ZAP advisors at least once a month to receive information about Clubs and Activities, resumes, Career Exploration, Career Tech and Post secondary information, grade reports, test results, etc... This culminates each year with a 20 minute enrollment appointment for all students and their parents in early April.
- Over the last 14 years we have averaged a 95% participation rate of parents/guardians at ZAP enrollment time.

 It has become a tradition.

Career Plans of Study

Veterinarian Science

Claremore High School Career Plan of Study – Health Science

	TE S	Student Name				Date				
			Adv	isor						
+										
ſ		9 th Grade	10 th Grade		11 th Grade		12 th Grade			
		English I	English II		English III		English IV			
	<u></u>	Math	Math		US History II		World History			
	8	Physical Science	Biology I		*Math		*Math			
	_	US Government/OK History US History		I *Science			*Fine Arts			
	ည	.			*Fine Arts	S				
	95						ts may have been completed in 9th or 10th grade.			
	두				College Prep/Work Ready Grad Plan		an Requirements = 1.0 Fine Art + 2.0 World			
	High School	L			Language	Languages or 2.0 Computer Technology Units.				
	_	Career Cluster Electives								
	l	Claremore High School Electiv	es:		Northeast Technology Center Electives:					
		Pre AP Biology I, AP Biology II, Anatomy & Physiology, Botany/Zoology				Health Careers Certification				
		Pre-AP Chemistry I, AP Chemistry II, Honors Genetics, Hon. Prin				Veterinarian Assistant	Phlebotomy Technician			
		Biomedical Sciences, Hon. Human Body Systems, Hon. Medical				Physical Therapy Aide	Pharmacy. Technician			
		Interventions, Hon. Biomedical Innovation, Animal Science, Tee Psychology, Food Science & Personal Nutrition, Athletic Traine.				Radiology Aide Chiropractic Assistant	Student Athletic Trainer Fitness Specialist			
		Health Shadow	ion, Aunoue Traine	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Certified Nurse Aide	Vision Care Technician				
						Occupational Therapy Ai				
ı	Post- condary	Technology Center		Community College			College/University			
		1-2 Year Program		2-Year Associate Degree			4-Year Bachelor Degree			
		Practical Nursing		Dental Hygienist			Dentist			
		Health Careers Certification		Occupational Therapy Assisting			Nursing			
		Nursing Options (Pre-LPN)		Orthotic Prosthetics Technician		an	Medical Technologist			
	e c	Veterinarian Assistant Physical Therapy Aid		Physical Therapy Assistant Radiology Technician			Doctor of Osteopathic Medicine Pharmacist			
	တိ	Pharmacy, Technician (National Certified)		Respiratory Care			Physical Therapist			
	-97	Phlebotomy Technician (National	Biotechnology			Physician				

Certified Nurse Aide

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path.

Courses listed within this plan are only recommended coursework and should be individualized to meet each student's educational and career goals.

ZAP 2.0

Problem

All students 9-12 were receiving the same information.

Teachers not attending training or being prepared.

Parent complaints of students not receiving pertinent information.

Teacher complaints of missing class time

Teachers dealing with students having different needs.

Solutions

Created different activities for each grade level.

Involvement of administrators at training and as substitutes. Hand out a list of duties of advisor.

Grade level parent meetings during a P/T conference and before the ZAP enrollment for questions and answers. RSU and NTC have tables.

Created a ZAP schedule in which every class meets.

Pilot for next year: Create ZAP groups by STAR test ranking



Sample ZAP Day

January ZAP

Seniors – Handout – "Interview questions for jobs/scholarships", letter to the incoming freshmen, Who's Who, and take all of ZAP folder contents home.

Juniors – Handout – "Further Education and Training" and "Factors to Consider When Choosing A College". ½ go to computer labs to create an OKCIS account and the other ½ take a Career Survey, "Bobilator"

Sophomores – Guest speaker, Resource Officer Robin Blair, showed film about bullying and held a group discussion.

Freshmen – Began planning a four year course study.

ZAP Advisor Duties

- ZAP Advisors will attend all training that is required.
- ZAP Advisors will prepare for each ZAP session so that students can receive full benefit of the session.
- ZAP Advisors will build a relationship with the 15-20 students with which they have been entrusted.
- ZAP Advisors will make every effort to attend the days that we hold monthly ZAP meetings in which important information is given to our students. (Usually on Wednesday)
- ZAP advisors will recognize the importance of the 3 meetings in January, February, and March leading up to the ZAP enrollment sessions.

ZAP Advisor Duties

- The ZAP enrollment sessions are typically on a Thursday evening and a Friday morning in late March or early April. THESE ARE MANDATORY.
- ZAP advisors will be responsible for the following duties:
 - Float Duty during homecoming week <u>All</u> advisors will sign up with their corresponding grade.
 - Winter Ball <u>Sophomore</u> advisors will sign up for duty.
 - Prom <u>Junior</u> advisors will sign up for duty.
 - Graduation <u>Senior</u> advisors will sign up for duty.
- Advisors may trade duties, but they need to inform Robin Davis and Todd Steidley.
- ZAP Advisors will contact the counselors as soon as they know they will be missing a ZAP meeting so a substitute may be found.

ZAP Schedule

1 st Lu	<u>ınch</u>	2nd Lu	<u>unch</u>	3rd Lunch	
8:45 – 10:00	1 st Period	8:45 – 10:00	1 st Period	8:45 -10:00	1 st Period
10:05 - 11:30	2 nd Period	10:05 - 11:30	2 nd Period	10:05 - 11:30	2 nd Period
11:30 - 12:05	lunch	11:35 – 12:15	3 rd Period	11:35 - 12:50	3 rd Period
12:10 – 1:25	3 rd Period	12:15 – 12:45	Lunch	12:50 - 1:25	Lunch
1:30 – 2:15	ZAP	12:50 – 1:25	3 rd Period	1:30 - 2:15	ZAP
2:20 - 3:40	4 th Period	1:30 – 2:15	ZAP	2:20 - 3:40	4 th Period
		2:20 – 3:40	4 th Period		



Technical Skills Assessments

DeAnna Little

David Shelton

Meridian Technology Center



RPOS Connection

Legislation and Policies, Partnerships,
Professional Development, Accountability and
Evaluation Systems, College and Career
Readiness Standards, Teaching and Learning
Strategies, Technical Skills Assessments



Project Goals

Create Awareness of the Oklahoma A-F Report Card

Create Awareness of Industry Credentials Types by Program

Create Awareness of Post-Secondary
Cooperative Alliance Articulation
Enrollments

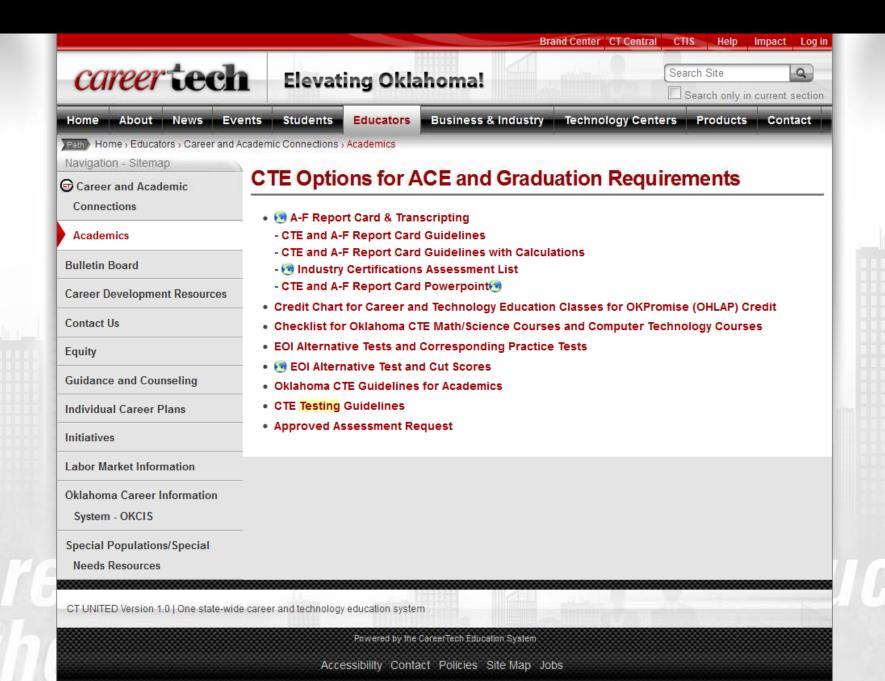


Communication Plan

Faculty Meeting to Address:

- A-F Report Card Overview
- CTE's Role in the A-F Report Card
- Industry Credential List (Types 1-6)
- Potential issues if program does not meet A-F criteria





Communication Plan

Faculty Meeting to Address:

- A-F Report Card Overview
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- Industry Credential List (Types 1-6)
- Potential issues if program does not meet A-F criteria



Instructor's Task

Program meets Type 1-2 Industry Credential

Update Course Syllabi and Documents with Testing Information for each Industry Credential offered (Include Cost, Testing Location, Test Prep Materials)



Results

Strive for all student's to obtain the Type 1-2 Credentials and Track Progress on Follow-Up Report

Instructor's Task

Program DOES NOT meet Type 1-2 Industry Credential

Meet with Business and Education Council members to determine which Credentials are most valued in Industry and would count on the Type list



Align curriculum to meet Type 1-2 Credentials or

Submit a request to ODCTE to have a specific test added to the list

Due by April 1

Potential Questions

How do student's pay for the exams?

Need for school policy on paying for exams?

EOI exams are state developed, why do ODCTE exams not count?

How can we get state ODCTE tests endorsed by industry?



Resources

List of approved assessments www.okcttc.com

Career and Academic Connections www.okcareertech.org/cac



Child Development AAS and Certificate of Mastery

Dr. Laura Gruntmeir Redlands Community College



RPOS Connection

Partnerships, College and Career Readiness
Standards, Course Sequence, Credit Transfer
Agreements, Guidance, Counseling and
Academic Advisement



CHILD DEVELOPMENT

Associate in Applied Science

General Requirements: Total Hours: 64 • Minimum GPA: 2.0

Program Description: The Associate in Applied Science in Child Development consists of curriculum to prepare child development professionals. The program prepares students for a job in child development centers or in an educational setting for young children.

GENERAL EDUCATION REQUIREMENTS18 h			18 hours
Area	Min. Hours	Courses	
Communications	6	ENGL 1113 English Composition I	
		ENGL 1213 English Composition II or	
		ENGL 2033 Technical Writing and Reporting	
Social Science	6	HIST 1483 U.S. History to 1877 or	
		HIST 1493 U.S. History, 1877 to Present	
		POLS 1113 U.S. Government	
Selected General	6	BISC, BOT, CHEM, MATH, MUS, ART, PSY, SOC, SI	PCH,
Ed Requirements		CMSC, GEG, PHSC	

TECHNICAL-OCC	CUPATIONAL SPECIAL	TY CO	DURSE	S31 hours
Area	Min. Hours	Cour	ses	
Child Development	31	CD	2101	Portfolio Development in Early Childhood Education
Education		$^{\rm CD}$	2053	Child Growth and Development
		CD	2063	Behavior and Guidance of Young Children
		$^{\rm CD}$	2023	Nutrition, Health and Safety for Children
		$^{\rm CD}$	2043	Parent and Community Relations
		$^{\rm CD}$	2073	Music, Movement and Creative Arts
		CD	2103	Education and Services for Children with Special Needs
		CD	2173	Cognitive Skills for Children
		CD	2183	Language and Social Skills for Children
		CD	2203	Early Childhood Education Program Planning and Evaluation
		CD	2223	Professionalism in Early Childhood Education
				-

SUPPORT AND RELATED COURSES12 hours

CHILD DEVELOPMENT Certificate of Mastery

General Requirements: Total Hours: 18 • Minimum GPA: 2.0

Program Description: The Certificate of Mastery in Child Development allows students to obtain specialized training that can lead to the educational requirements for a CDA credential or to fulfill the requirements for the Department of Human Services professional development. Certificate completers are able to meet the specific needs of children and work with parents and other adults to nurture children's physical, social, emotional and intellectual growth in a child development framework. All Child Development courses for this certificate must be taken at Redlands Community College.

SPECIALIZED PROGRAM REQUIREMENTS......18 hours

	•			none in the second seco
Area	Min. Hours	Cour	ses	
Communications	3	ENGI	1113	English Composition I
Child Development	15	$^{\rm CD}$	2053	Child Growth and Development
		$^{\rm CD}$	2063	Behavior and Guidance of Young Children
		$^{\rm CD}$	2203	Early Childhood Education Program Planning and
		$^{\rm CD}$	2223	Professionalism in Child Development
		CD	2023	Nutrition, Health and Safety for Children
		$^{\rm CD}$	2043	Parent and Community Relations
		$^{\rm CD}$	2073	Music, Movement and Creative Arts
		CD	2103	Education and Services for Children with Special
		CD	2183	Language and Social Skills for Children
		CD	2233	Assessment and Evaluation of Child Growth and

THE TECHNOLOGY CENTER CONNECTION

Enrollment in these courses must be approved by Arlie Schroder, Cooperative Programs Coordinator 405-422-1287

CADDO KIOWA TECHNOLOGY CENTER - FT. COBB

Seq#	Dept	Num.Sec	Title	Location	<u>Instructor</u>	9110	CD	2053.02	Chld Grwth & Dev	CKTC	Rexroat
9101	ACCT	2101.02	Payroll Acct	CKTC	White	9111	CD	2063.03	Bhv Guid Yng Chld	CKTC	Rexroat
	ACCT	2213.01	Cmptr Acct	CKTC	White	9112	CD	2073.01	Music/Mvmt/Crt Arts	CKTC	Rexroat
9103	AHS	1123.03	Medical Term	CKTC	Oswald	9113	CD	2101.02	Portfolio Dvpmt CD	CKTC	Rexroat
	AMT	1043.02	Document Formatting	CKTC	Hutcherson	9114	CD	2103.01	Chld w/ Spec Needs	CKTC	Rexroat
9139	AMT	1313.02	Med Proc Coding	CKTC	Oswald	9115	CD	2173.01	Cognit Skls Chldrn	CKTC	Rexroat
9138	AMT	1323.01	Med Diag Coding II	CKTC	Oswald	9116	CD	2183.01	Lang/Social Skls	CKTC	Rexroat
	AMT	2153.02	Word Procs I	CKTC	Oswald	9117	CD	2203.01	Pgm Plan & Eval	CKTC	Rexroat
9106	AMT	2233.03	Medical Trans	CKTC	Oswald	9118	CMSC	1223.04	Bus Appl Sftwr	CKTC	White
9126	AMT	2253.02	Law Office Tech	CKTC	Hutcherson	9122	CMSC	1223.17	Bus Appl Sftwr	CKTC	Pierce
9107	AMT	2303.02	Dsktop Publ	CKTC	Pierce	9123			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CKTC	Oswald
9128	AMT	2353.02	Medical Billing	CKTC	Oswald	9124	CMSC	1223.19	Bus Appl Sftwr	CKTC	Hutcherson
9127	AMT	2423.01	Legal Proc/Pro	CKTC	Hutcherson	9119	CMSC	1233.01	Sprdsht Appl	CKTC	White
9125	AMT	2433.02	Legal Terminology	CKTC	Hutcherson	9120	CMSC	1243.03	Database Appl	CKTC	White
9108	CD	2023.01	Nutr/Hlth/Sfty Chld	CKTC	Rexroat	9121	CMSC	1373.01	Oprtng Systems	CKTC	White
9109	CD	2043.01	Parent/Comm Relat	CKTC	Rexroat						

Limitations

Curriculum tends to be mandated from the Regents and Dept. of Human Services

Professional development is unique- Most attend a great deal in their full time professions

Students tend to be online or place bound

Most students are employed in child care settings

Most students are included in the Scholars program which is not friendly to the AAS

Strengths

The articulation is strong and has been for many years

The articulation is well documented

Funding is strong but somewhat complex

Students are employed in child care settings

The players work well

together



Areas for Improvement

Need to track students in the field for salary and career paths

Investigate a School Age Certificate

Professional Development of Faculty should be tracked

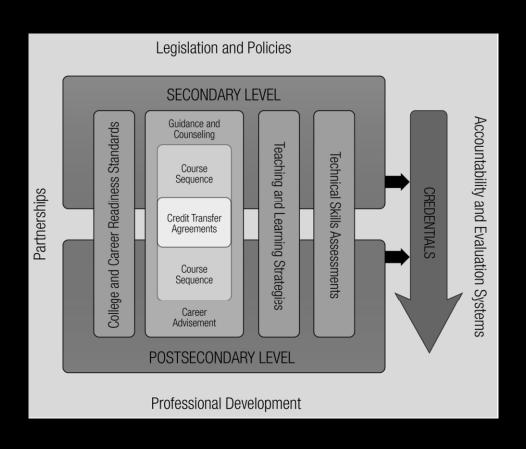
Need to seal the potential grads who have completed hours but not graduated

More students need to take advantage of college credit

Potential with Alternative Education students?



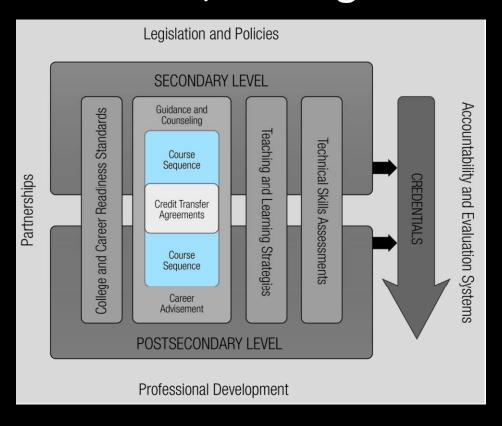
Evaluating the RPOS Framework



COURSE SEQUENCES

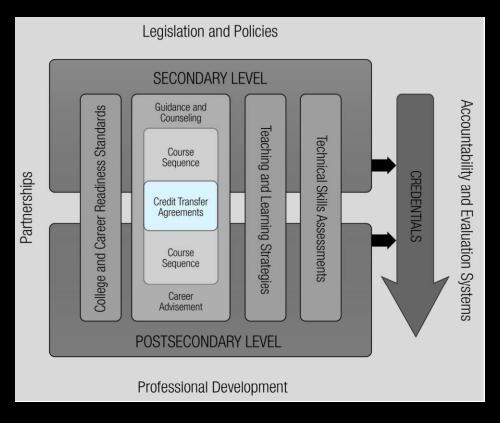
Kelly Arrington

Career and Academic Connections, Manager



CREDIT TRANSFER AGREEMENTS

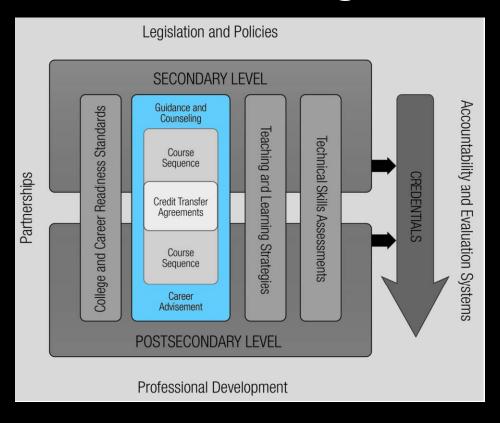
Jeremy Zweiacker
State Programs of Study Coordinator



GUIDANCE COUNSELING AND ACADEMIC ADVISEMENT

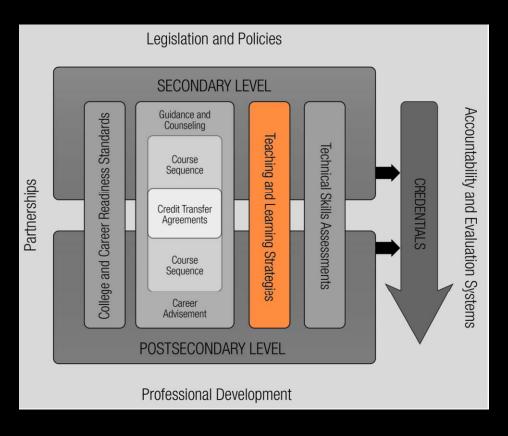
Kelly Arrington

Career and Academic Connections, Manager



TEACHING AND LEARNING STRATEGIES

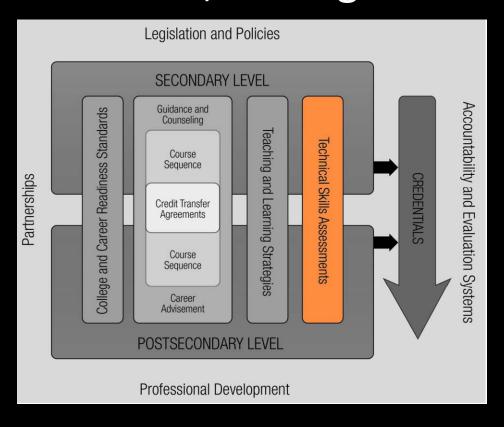
Twila Green
High Schools That Work



TECHNICAL SKILLS ASSESSMENTS

Kelly Arrington

Career and Academic Connections, Manager



What RPOS Could Look Like at Your School

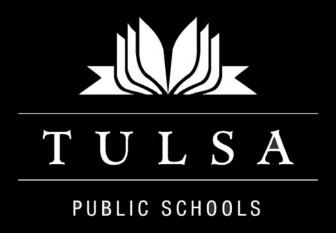
Tulsa Public Schools

Mid-America Technology Center

Tulsa Community College

Professional Development through TLE

Taylor Hill-Taylor
Tulsa Public Schools



RPOS Connection

Legislation and Policies, Professional Development



Teacher and Leader Effectiveness

TPS TLE...

was "home grown", tested and revised by Oklahoma's best... Oklahoma Teachers. is research-based and externally validated. measures what matters.



Professional Development

will be assigned to teachers as needed based on observations and evaluations

will be individualized for each teacher based on needs

will be required for any teacher scoring a 1 or 2 on an evaluation as a personal development plan will be issued

will be required for any teacher that does not have 70% of students passing competency tests (next year will be 80 and then 90% the following year)



Data Collection

Mike Eubank Mid-America Technology Center



RPOS Connection

Partnerships, Professional Development,
Accountability and Evaluation Systems, Course
Sequence, Guidance, Counseling and
Academic Advisement, Teaching and Learning
Strategies, Technical Skills Assessments



Implementation Barriers

Communication with "sending schools"

- Professional development
- Data collection

Data

- Accountability
- Efficiency

Sequence

- Adapt
- Improve



Implementation Barriers

Advisement

- History
- Future

Teaching/Learning

- Team approach
- Hoops

Skills Assessments

- "approved list"
- A-F Report Cards



The Project

Utilize existing and emerging technology to enhance the process by collecting accurate and timely data relating to course work, assessments and guidance/counseling plans.



Student Accounting Software

PowerSchool

- Graduation Requirements
 - EOI
 - PLAN
 - ACT
- Career Major
 - Course sequence
 - Certifications /Licenses
- Post Secondary
 - Alliance hours
 - Options at MATC
 - Other options...
- Tests available*

Plan of Study

Eubank, McKenna



Grade: 12

High School Courses	MATC Career Major Courses	Post Secondary
Required for Graduation	Required for Completion	
College Prep Curriculum 'English: 4 units 'Math: 3 units no lower than Algebra 1 'Science: 3 units including Biology 'Social Studies: 3 units including 1 unit UB History, 1/2 unit DK History, 1/2 unit	BKILLED HEALTH TECHNICIAN992 hours Health Careers Core Core Medical Terminology Anahomy & Physiology	Cooperative Alliance Up to 3 hours from Oklahoma Cl Community College
Government 'Foreign Language/Computer Technology: 2 units same 'Other core: 1 unit from above 'Electives to total units required by school district including MATC Core Currioulum 'English: 4 units 'Math: 3 units including Algebra 1 or Contextural Algebra 1 'Gelence: 3 units including Biology or	Core Healthcare Provider OPR & First Aid introduction to Physical Therapy Aid Cliencal Skills & Dutles for the Physical Therapy Aid Ethics & Law in Physical Therapy Preparation for Patient Care in Physical Therapy Ambulation & Galt Training Therapeutic Exercise Therapeutic Agents & Modalities Clinical Practice for the Physical Therapy Aid Effective Communication for the OTA Home Health Care Nursing Assistant Long Term Care Aide Introduction to Occupational Therapy Aide	MATC career majors that complement current major Pre-Nursing "Licensed Practical NurseUse your OKCIS access to investigate the related occupations— "Occupations—"Physical Therapists "Physical Therapist
Contextual Biology 1 Social Studies: 3 units including 1 unit US History, 1/2 unit OK History, 1/2 unit Government "Fine Arts: 2 units "Foreign Language/Computer "Electives to total units required by school district including MATC	Clerical Skills & Duties for OTA Ethics & Law for OTA Occupational Therapy Agents & Modalities Clinical Practice for the OTA Applied Concepts in Fitness Clinical Practice in Fitness Clinical Practice in FitnessHealth Exercise Physiology Introduction to Fitness Professional —CERTIFICATIONS & LICENSES— ODCTE Competency Certifications Workkeys Career Readiness Certifications American Heart OPR CNA MAT Starting Salary Range: \$17,900 - 27,000	ADDITIONAL RESOURCES- Occupations Therapy Associatio www.aota.org
Test Options	Transition Plan	Plan of Action
Work Keys Math: WorkKeys Reading: Work Keys Locating Info:	Career Goal	Education Reading remediation Math Remediation ESL
	Work Tech Center	Career Counceling Job Search Assistance Interest inventory Aptitude Inventory Resume Cover Letter Financial Aid
	2/4 year school Military	
REVIEWED		l l

November 12, 2012

What it doesn't tell us...Yet

Existing data from our sending schools

- Course work from 9th and 10th grade
- Explore (8th) and Plan (10th) test data

Existing data from our school

- Advanced standing credit
- Short term A. T. & D.
- "Returning students"
- Real time course grades and hours

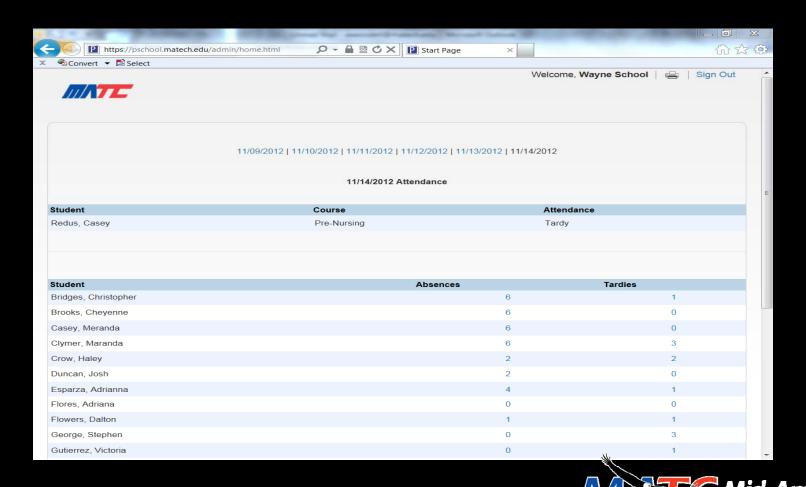
Existing data regarding "recognized endorsements"

Existing data regarding "degree plans"

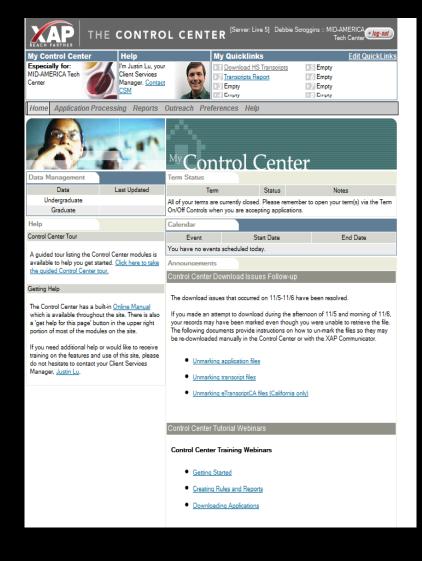
- PowerSchool "sharing"
 - Grades
 - Attendance
- E transcripts
- SEAS
- Cooperative Alliance grades and credit



PowerSchool "sharing"



E-Transcripts



Baby steps

E-Transcripts



This is an automatic reminder to notify you that there are submitted transcripts which have not yet been downloaded.

To retrieve them, simply go to the Xap Control Center site at http://control.xap.com

Currently, you have the following submitted transcripts(s) that have not been downloaded within the configured reminder period.

Transcri	pts	Number	of Transcripts
MID-AMERICA Tech	Center (Slot 3)		3

You received this email because you have been designated as the contact for the download reminder. You may configure your reminder interval and other information on the Control Center site.

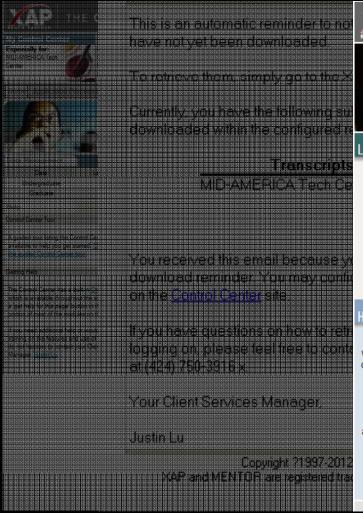
If you have questions on how to retrieve the transcripts(s) or need assistance logging on, please feel free to contact me by e-mail at jlu@xap.com or by telephone at (424) 750-3916 x.

Your Client Services Manager,

Justin Lu

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E-Transcripts





The Control Center

The Control Center is the site created especially for Xap's college and university clients. From here, college and university representatives can update information about their campus, configure their preferences, download admission applications, manage recruitment, and perform many other functions.

1 CONTROL

Control applications by term, major, or by your own custom rules. Update common data set information about your campus. Tailor the system to meet your needs, all in real

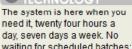
(2) SECURE

You can feel confident that vour students' data is safe Xap takes care of the encryption, redundancy, and backups so that your students' data is secured and available for your continued use for years to come.

EASY-TO-USE

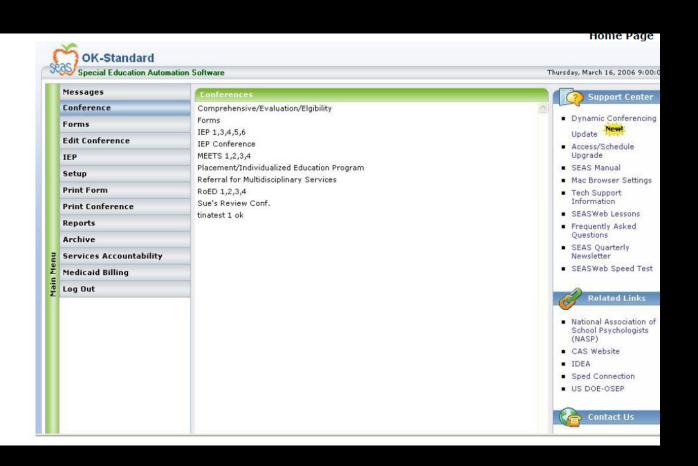
Non technical people can do technical things. Specify custom file formats using the Export Wizard or use one of the pre-configured options for Banner, PeopleSoft, Datatel, or TS189. Create your own forms using the Supplemental Design Kit. Filter the database using the Rules Wizard. No programming skills required.

need it, twenty four hours a day, seven days a week. No waiting for scheduled batches: no nightly shutdowns. The system is robust enough to support the latest standards, vet flexible enough to fit your custom processes. From total automation to manual printing, Xap can do it all.

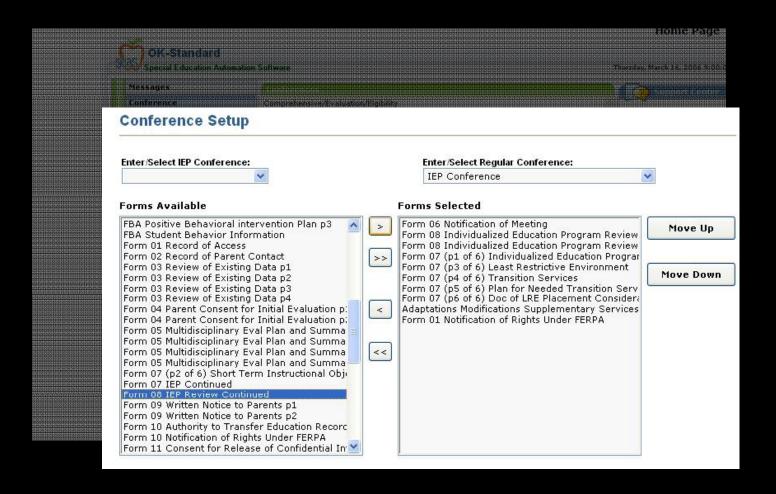




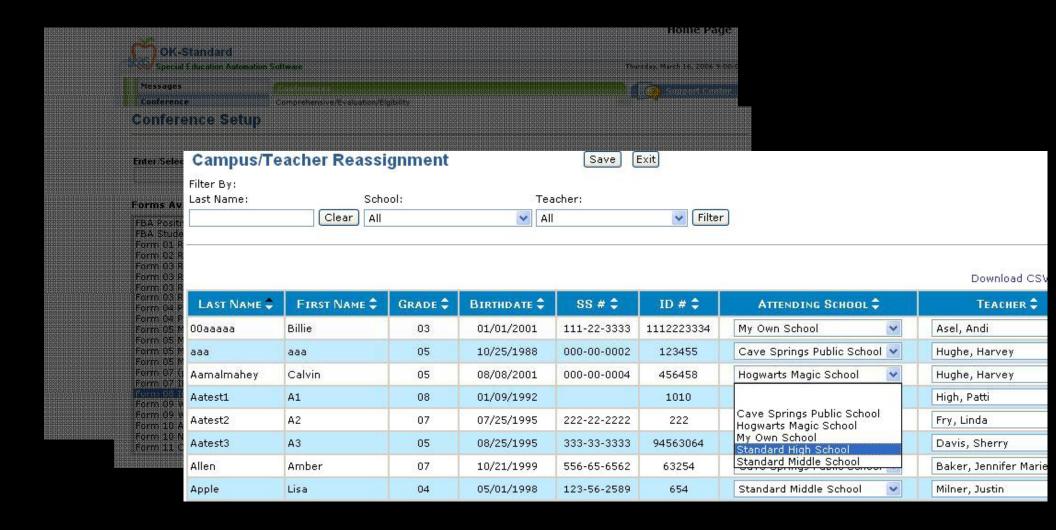
OK SEAS



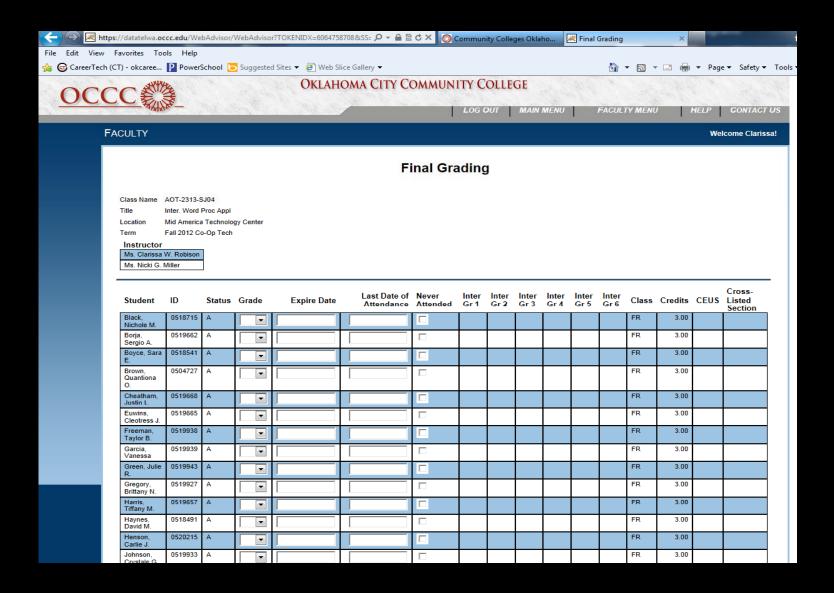
OK SEAS



OK SEAS



Cooperative Alliance reporting

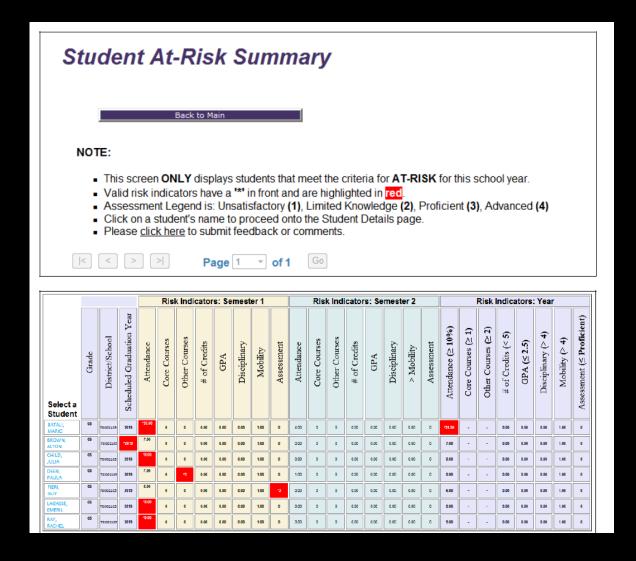


When it fails

- 1. List from ODCTE email "approved endorsements"*
- 2. Cross walk to our existing "competency tests" **
- 3. Teachers asked to submit results on "new" list
- 4. List cleaned up by grade, and school
- 5. List faxed to school, a couple of times...
- 6. Data entered into A-F reporting for school
- 7. Schools compare list to existing AP list
- 8. X High School records 6 students out of 48 possible and receives an F

Other steps...

The Wave-Early Warning Indicators



Other steps...

The Wave-Early Warning Indicators

Column	Description
Student Name	Displays the name of only the students At-Risk.
Grade	The students' current grade level.
District/School	The students' District/School Code.
Scheduled Grad. Year	The students' scheduled graduation year based on their initial enrollment in public education or IEP. The student may be indicated at-risk if their age is two years greater than normal for their current grade.
Attendance	The aggregate count of absences for the specified timeframe. The student may be indicated at-risk if they were absent the first 20 days of the school year, or they missed 10% or more for the specified timeframe.
Core Courses	The number of D's and F's received by the student in Math and Reading for the specified timeframe. The student may be indicated at-risk if they received one or more D or F in these core courses.
Other Courses	The number of D's and F's received by the student in all other courses excluding Math or Reading for the specified timeframe. The student may be indicated at-risk if they received two or more D or F in these courses.
# of Credits	The aggregate count of credits the student has successfully completed since their 7^{th} grade year. This field may be blank if they have not yet completed 7^{th} grade. The student may be indicated at-risk if their count is less than or equal to 5.
GPA	The students' Grade Point Average as supplied by the school. The student may be indicated at-risk if their GPA is below 2.5.
Disciplinary	The cumulative number of in-school and out of school suspensions for the specified timeframe. The student may be indicated at-risk if they have received one or more out of school suspensions or three or more in-school suspensions.
Mobility	The number of times a student has changed schools during the specified timeframe. The student may be indicated at-risk if their count is greater than 4.
Assessment	The number of assessments the student has scored lower than proficient. The student may be indicated at-risk if they have received one or more assessment scores of lower than proficient.

Other steps...

Student Detailed Report

Demograp	hic Data
Last Name:	SMITH
First Name:	JOHN
STN:	1234567890
Gender:	Male
Age:	17
Current Grade:	10th
ELL:	False
Titlel:	False
Special Ed:	False
Special Ed. Code:	
Scheduled Graduation Year:	2014

Performance Data								
	F20	Q1	Q2	Q3	Q4	Overall		
Attendance	0.00	*7.00	*6.00	2.00	0.00	15.00		
Disciplinary (In School)	-	0.00	0.00	0.00	0.00	0.00		
Disciplinary (Out of School)	-	0.00	0.00	0.00	0.00	0.00		
Mobility	-	1.00	0.00	0.00	0.00	1.00		

Course Information									
Course	Start	End	Term	Grade					
Core: Algebra II (4412)	08/15/2011	10/14/2011	FIRST NINE WEEKS	73/C					
Core: Algebra II (4412)	10/17/2011	12/16/2011	SECOND NINE WEEKS	71/C					
Core: AP English Language & Composition (4057)	08/15/2011	10/14/2011	FIRST NINE WEEKS	*62/D					
Core: AP English Language & Composition (4057)	10/17/2011	12/16/2011	SECOND NINE WEEKS	*68/D					
Core: Biology I (5031)	08/15/2011	10/14/2011	FIRST NINE WEEKS	70/C					
Other: U.S. History (5410)	08/15/2011	10/14/2011	FIRST NINE WEEKS	70/C					
Other: U.S. History (5410)	10/17/2011	12/16/2011	SECOND NINE WEEKS	82/B					

Assessment Data												
(List: Goal) < Proficient												
Grade (Assessment Year)	Reading	Math	Science	Social Studies	Writing	Algebra I	Algebra II	Geometry	English II	English III	Biology I	U.S. History
PK	-											
K	-											
01	-	-	-	-	-	-	-	-	-	-	-	-
02	-	-	-	-	-	-	-	-	-	-	-	-
03	-	-	-	-	-	-	-	-	-	-	-	-
04	-	-	-	-	-	-	-	-	-	-	-	-
05	-	-	-	-	-	-	-	-	-	-	-	-
06 ('08)	*2	3	-	-	-	-	-	-	-	-	-	-
07 ('09)	3	*2	-	-	-	-	-	-	-	-	-	-
08 ('10)	3	3	-	-	-	-	-	-	-	-	-	3
09	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-

Other steps BREAKING NEWS

"...working on a better connection between common schools and technology centers.

Currently developing a 3rd Party Partner Tool that will allow a *flip switch* to turn on access to data based on enrollment into 8000-9000 OCAS codes"

John Kraman,

Executive Director, Student Information -Oklahoma Department of Education



Mike Autry
Beth Shumate
Tulsa Community College



RPOS Connection

Teaching and Learning Strategies, Professional Development, College and Career Readiness Standards, Credit Transfer Agreements



Overall Initiative, Related to OK POSI

Replicate, Modify and Implement Career Pathways in Partnership with Many OK Institutions



Teaching and Learning Strategies

Teach-the-Teacher Workshops

- Several NIH and NSF grants have enabled TCC Biotech Faculty to do "teach-the-teacher" workshops.
- Develop and implement MORE internships and practicums in technical fields of study. Research cited on the next slide shows proven positive student outcomes.



Credit Transfer Agreements

Ex.: Trade Adjustment Assistance and Community College and Career Training grant through DOL

- Targets Manufacturing, Aviation, and/or
 Transportation & Logistics industries
- Stackable and latticed credentials
- Multiple entry/exit points



College and Career Readiness Standards

TCC Individual TAACCCT Award

- MUCH best-practices research (ATD, I-BEST,
 "Breaking Through", Complete College America,
 Network Remedial Reform Resources, InsideTrack)
- Combination = Increased student retention,
 Decreased time to completion, Increased job
 placement rates



Professional Development

Tulsa Community College

Ex. TAACCCT: Council for Adult Experiential Learning (CAEL)

- Grant provides professional development opportunities for faculty to learn how to prepare and properly execute Prior Learning Assessment portfolios on students.
- Due to this effort, also looking into expanding the institution's "course catalog/warehouse" so PLA credits may be recognized.

"Research is Teaching"

 TCC created an undergraduate research strategic plan for the College.

Outcomes Measurement

Time will be the most common tool of measurement used:

- Were career pathways built?
- Did students who earned PLA credits graduate "on time" or early compared to their peers?
- Are students gainfully employed upon graduation?
- Grants (especially federal grants) capture much of this kind of student outcome data.



Where do we go from here?

Thank You for Attending Please Drive Safely

Oklahoma Programs of Study Summit "Moving from POS to RPOS in Oklahoma"

careertech

