

Report to the CTE Local Directors

October 1, 2008



ARIZONA DEPARTMENT OF EDUCATION
Career & Technical Education



ARIZONA STATE UNIVERSITY

Workforce Education & Development Office
OWEDCO

Fall 2008 Target

- ▶ **Pilot assessments**
- ▶ **20+ program areas**
- ▶ **Fall Assessment Window –
November 17 – December 19, 2008**

Fall 2008 Assessments

(Monday, November 17 - Friday, December 19, 2008)

- Accounting
- Allied Health Services Option B
Laboratory Assisting
- Allied Health Services Option D
Sports Medicine & Rehabilitation Services
- Allied Health Services Option E
Medical Assisting Services
- Automotive Technologies Option A
Automotive Technology
- Automotive Technologies Option B
Automotive Collision Repair
- Business Management & Administrative Services
- Carpentry Technologies Option A
Carpentry
- Carpentry Technologies Option B
Cabinetmaking
- Construction Technologies
- Culinary Arts
- Financial Services
- Nursing Services
- Allied Health Services Option A
Pharmacy Support Services
- Automotive Technologies Option D
Aircraft Mechanics
- Dental Assisting
- Design & Merchandising Option A
Fashion
- Design & Merchandising Option B
Interior
- Diagnostic & Intervention Technology Option B
First Responder
- Drafting & Design Technology Option A
Architectural Drafting
- Drafting & Design Technology Option C
Electronics Drafting
- Drafting & Design Technology Option D
Mechanical Drafting
- Education and Training Education Professions
- Electrical & Power Transmission Tech Option A
Residential Electrician

Note. End-of-Program Assessments

Note. New Pilot Assessments

Spring 2009 Target

- ▶ **End-of-program assessments**
- ▶ **20+ program areas (after 1st and/or 2nd pilots)**
- ▶ **Five other program areas**
- ▶ **Spring Assessment Window –
April - May, 2009**

Spring 2009 Assessments

(Monday, April 20 - Wednesday, May 20, 2009)

- Accounting
- Allied Health Services Option A-Pharmacy Support Services
- Allied Health Services Option B-Laboratory Assisting
- Allied Health Services Option D-Sports Medicine & Rehabilitation Services
- Allied Health Services Option E-Medical Assisting Services
- Automotive Technologies Option A-Automotive Technology
- Automotive Technologies Option B-Automotive Collision Repair
- Automotive Technologies Option D-Aircraft Mechanics
- Business Management & Administrative Services
- Carpentry Technologies Option A-Carpentry
- Carpentry Technologies Option B-Cabinetmaking
- Construction Technologies
- Culinary Arts
- Dental Assisting
- Design & Merchandising Option A Fashion
- Design & Merchandising Option B Interior
- Diagnostic & Intervention Technology Option B-First Responder
- Drafting & Design Technology Option A-Architectural Drafting
- Drafting & Design Technology Option C-Electronics Drafting
- Drafting & Design Technology Option D-Mechanical Drafting
- Education and Training Education Professions
- Electrical & Power Transmission Tech Option A-Residential Electrician
- Financial Services
- Nursing Services
- Therapeutic Massage
- Education and Training Early Childhood Education
- Engineering Sciences Option A-Aerospace/Mechanical Engineering
- Engineering Sciences Option B-Electrical Engineering
- Engineering Sciences Option C-Environmental/Civil Engineering
- Welding Technology
- Biomedical Technologies Option A
- Biomedical Technologies Option B

Note. New Pilot Assessments

Note. End-of-Program Assessments

Work-in-progress: **Assembling Item Development Committees**

- ▶ **Revision of assessments based on spring 2008 pilots:**
 - gap analysis on standards and measurement criteria
 - item analysis – difficulty index
 - item development (adopt/adapt/create)

- ▶ **Develop pilot assessments in additional program areas**

► Item Development Committees

■ Second pilot assessments – Fall 2008

September 17, 2008

- Cabinetmaking
- Carpentry
- Construction Technologies

September 18, 2008

- Accounting
- Financial Services
- Business Management & Administrative Services

September 19, 2008

- Medical Assisting
- Laboratory Assisting
- Sports Medicine & Rehabilitation

■ Second pilot assessments – Fall 2008
(Cont'd)

September 22, 2008

- Culinary Arts

October 3, 2008

- Nursing Services

October 20, 2008

- Automotive Technology

- Automotive Collision Repair *

* meeting date TBD

■ First pilot assessments * – Fall 2008

- Pharmacy Support
- Dental Assisting
- Therapeutic Massage
- Drafting & Design (3 options)
- Education Professions
- Interior Design & Merchandising
- Fashion Design & Merchandising
- Aircraft Mechanics
- First Responder
- Residential Electrician

* contingent upon item development

External Review

▶ Who?

- psychometricians
- assessment experts

▶ What?

- process for establishing
 - validity
 - reliability

Stakeholders Committee

- ▶ **meeting regularly**
 - August 13, 2008
 - October 17, 2008
 - November 21, 2008
- ▶ **addressing**
 - assessment security
 - site administrator training
 - connectivity
- ▶ **engaging teachers for committee work**
- ▶ **ensuring system usability**

Action Ahead

- ▶ **Establishing/validating standards and initializing the process for additional pathways**
 - Bioscience (October 9, 2008)
 - Engineering (October 23, 2008)
 - Precision Manufacturing (October 24, 2008)
 - Information Technology (IT) *
 - Marketing and Media *

* meeting dates TBD

Action Ongoing

- ▶ **5 ½ units of academic credit in CTE – English, mathematics, science, and economics (Class of 2013)**
- ▶ **Crosswalk of higher math (Algebra II+)**
 - multiple program areas
- ▶ **Employability Skills and 21st Century Skills – assessment development**

Occupational Clusters

- Agribusiness and Related
- Health Related
- Business, Marketing, and Merchandising
- Construction Related
- Power Transmission, IT, and Other Technologies
- Biosciences
Biomedical
Bioenvironmental
Bioinnovation
- Hospitality and Culinary
- Precision Manufacturing and Engineering
- Fire, Public Safety, and Related Areas
- Film, Communications, Performing/Fine Arts, and Design
- Education and Early Childhood Professions
- Transportation Technology

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