

# Arizona Student-Teacher Connection

Arizona Statewide Course Mapping Framework v1  
And Data Dictionary v1

Student and Teacher Data Reporting

# Arizona Statewide Course Mapping Framework v1 And Data Dictionary v1

- First component - Development of a state course catalog with courses offered in Arizona secondary and elementary schools.
  - State courses will be mapped to the national SCED codes.
  - Unique Arizona courses will be identified and mapped.
  - Course coding structure will be standardized.
  - LEAs, CHs, and CSs will retain local course catalogs, but map to the state standard codes for use in reporting.
  - CourseWalk used to map and maintain course codes.

# What is SCED?

- SCED stands for School Codes for the Exchange of Data.
- It was developed by the National Center for Education Statistics with the assistance of many state and local education agency representatives.
- SCED is a comprehensive listing of courses offered by schools in most states.
- SCED provides a course description and coding structure.

# Why is course alignment important?

- 600+ LEAs, CHs, and CSs have the potential for 600+ sets of course structures
- Standard courses can be used to
  - Assist in evaluating student performance
  - Review the rigor of courses taken by students
  - Help improve instruction
  - Improve the placement of students when they move
  - Provide consistent information in transcripts to postsecondary institutions

# Student and Teacher Data Reporting

- Second component – Provide an easy-to-use mechanism for reporting individual student and teacher records.
  - State Report Manager used in four states.
  - Requirements are custom-built for Arizona.
  - Training and support will be extensive.

# Project Activities

- Contact a group of LEAs, CHs, and CSs to conduct a pilot and provide input.
- Analyze existing LEA courses to identify unique Arizona courses.
- Train LEAs, CHs, and CSs on the course mapping process and provide support as they map to state codes.
- Provide guidelines to LEAs, CHs, and CSs on how to extract student and teacher data to be submitted.
- Train LEAs, CHs, and CSs to submit data and make corrections where needed.

# What is CourseWalk?

- CourseWalk™ is a tool that facilitates the matching of local course codes to state or national course code standards.
  - Stores local, state and SCED course catalogs in a central database accessible via the Internet to users with CourseWalk accounts
  - Makes AutoMapping recommendations to map local and state courses to SCED or local courses to the state's course codes.
  - Users may run reports to export their mapped course catalogs out of CourseWalk.

# SCED Structure

## Prior-to-Secondary

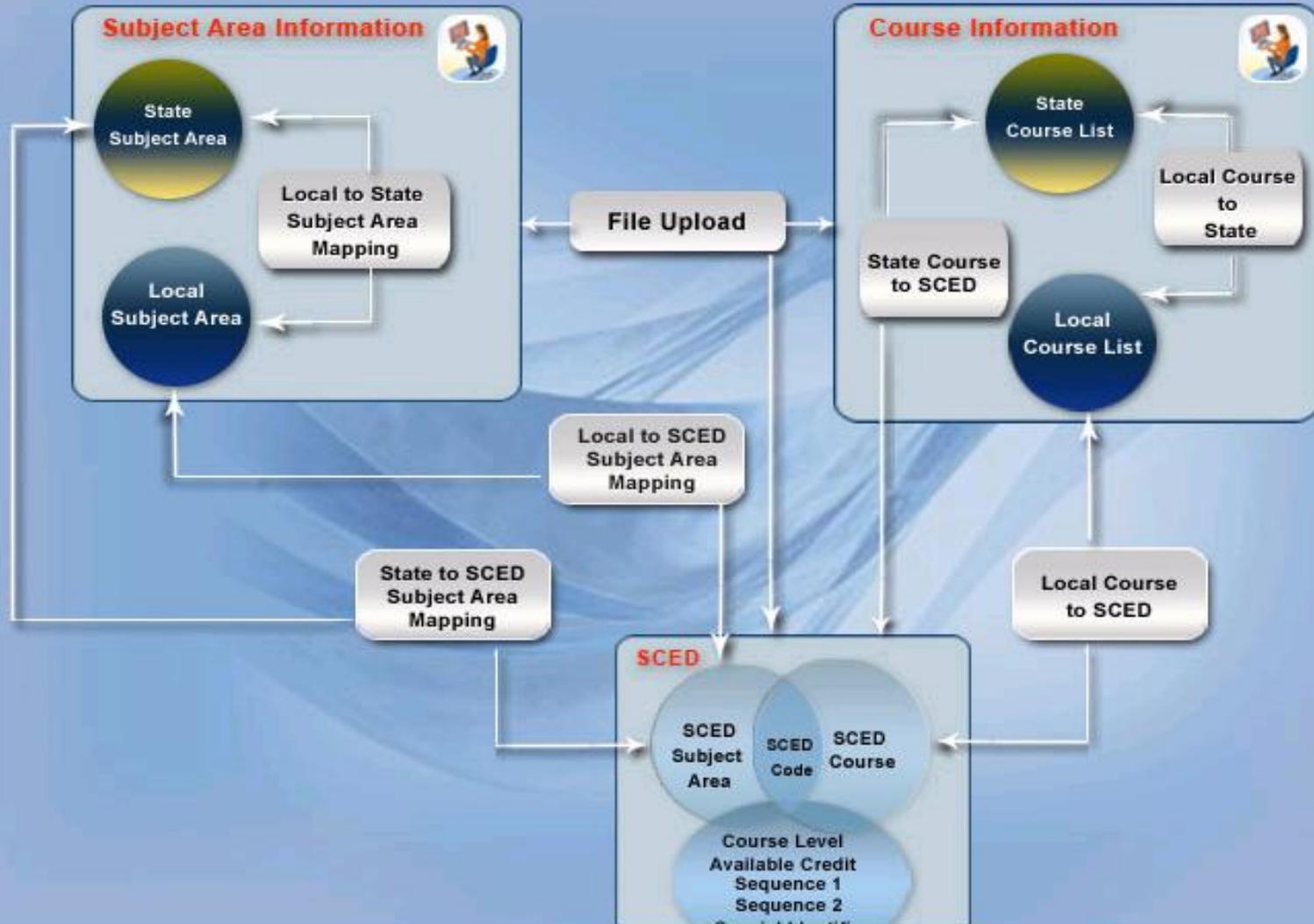
State Subject Area Code	State Course Code	Local Course Level	Grade Span or Credit	Sequence	Alaska Scholarship Program
AK53 Life and Physical Sciences	233 Science	X No information available	0607 Grades 6 and 7	11 1 of 1	Not ASP

## Secondary

State Subject Area Code	State Course Code	Local Course Level	Grade Span or Credit	Sequence	Alaska Scholarship Program
AK03 Life and Physical Sciences	051 Biology	R Regular	0.50 One-half Carnegie unit	12 1 of 2	ASP Course qualifies for ASP

# Timeline

CourseWalk Pilot Timeline		March 5-9	March 12-16	March 19-23	March 26-30
March 8	CourseWalk Training with Pilot LEAs	X			
March 8-31	Pilot LEAs Load and Map Local Course Catalogs	X	X	X	X
March 12-13	Project Kick-off Meeting		X		
March 14-16	Project Update to Pilot LEAs		X		
March 30	Pilot LEAs provide feedback				X



# Local Course Catalog Upload File

local_course_id	local_course_name	local_course_description	local_subject_area	state_subject_area	state_course	local_course_level	local_available_credit
AA705	Introduction to Art	<b>Prerequisite: None.</b> Art Introduction is an exploration of art techniques and theory designed for high school students. Students explore a variety of techniques and materials that may include drawing, painting, printmaking, sculpture, weaving, and hand built ceramics. Students will learn to make critical judgments about their own art and the art of others. They will be exposed to the historical and contemporary role of art from various cultures throughout the world and will be encouraged to relate the beauty and meaning of art to their lives. Students will acquire a basic understanding of the Elements and Principles of Design that go into a successful piece of art.	Art	ART	AK05	154	0.5
AA710	Intermediate Art	<b>Prerequisite: Introduction to Art/Teacher Discretion.</b> Intermediate Art is a progression of art techniques and theory designed for high school students. Students continue to explore a variety of techniques and materials that may include drawing, painting, printmaking, sculpture, weaving, and hand built ceramics. During project creation, students will purposefully apply multiple art elements, moving from knowledge to successful art production. Students will learn to make critical judgments about their own art and the art of others. They will be exposed to the historical and contemporary role of art from various cultures throughout the world and will be encouraged to relate the beauty and meaning of art to their lives. Students will apply a basic understanding of the Elements and Principles of Design to create successful pieces of art.	Art	ART	AK05	154	0.5
AA715	Advanced Art	<b>Prerequisite: Intermediate Art and Teacher Discretion:</b> Advanced Art is a course for students who have successfully passed Intro and Intermediate Art. Students will experiment with a variety of techniques and materials that may include drawing, painting, printmaking, sculpting, weaving, and pottery. Students will learn to critique their own art and the art of others and will be encouraged to relate the beauty and meaning of art to their lives. This course will stress the use of the Elements and Principles of Design, the study of artists, the improvement of creative thinking skills, and the process of making informed judgments about art. Students will be exposed to the historical and contemporary role of the arts in Alaska, the nation, and the world. Portfolio development and career research, participation in critiques for purposes of defending artistic choices while practicing art vocabulary, and progression of the understanding of art and its purposes. Technology may be applied for reference or support.	Art	ART	AK05	153	0.5

**Filter**

- Unmapped Only
- Mapped Only
- Mapped Differs from Auto
- All

**District:** --Select-- ▾

**School:** --Select-- ▾

**Local Subject Area:**

MATH-Mathematics-V1 ▾

**Filter Local Courses**

**Courses to Display**

10 **Set**

Records 1 to 4 out of 4

2345 - Statistics

1 <sup>st</sup> (9) <input checked="" type="radio"/> 02202 - Inferential Probability and Statistics	3 <sup>rd</sup> (7) <input type="radio"/> 02201 - Probability and Statistics
2 <sup>nd</sup> (7) <input type="radio"/> 02204 - Particular Topics in Probability and Statistics	<input type="radio"/> Unmapped

56564 - Algebra

1 <sup>st</sup> (10) <input checked="" type="radio"/> 02055 - Transition Algebra	3 <sup>rd</sup> (8) <input type="radio"/> 02053 - Algebra I—Part 1
2 <sup>nd</sup> (9) <input type="radio"/> 02113 - Abstract Algebra	<input type="radio"/> Unmapped

One or more additional courses have the same weight. Using the Local Course to SCED mapping feature is recommended.

45642 - Trigonometry

1 <sup>st</sup> (7) <input checked="" type="radio"/> 02103 - Trigonometry	3 <sup>rd</sup> (1) <input type="radio"/> 02104 - Math Analysis
2 <sup>nd</sup> (1) <input type="radio"/> 02061 - Integrated Math—multi-year equivalent	<input type="radio"/> Unmapped

One or more additional courses have the same weight. Using the Local Course to SCED mapping feature is recommended.

22245 - Geometry

1 <sup>st</sup> (9) <input type="radio"/> 02072 - Geometry	3 <sup>rd</sup> (8) <input type="radio"/> 02071 - Informal Geometry
Mapped To: <input checked="" type="radio"/> 02072 - Geometry	<input type="radio"/> Unmapped
2 <sup>nd</sup> (9) <input type="radio"/> 02075 - Particular Topics in Geometry	

One or more additional courses have the same weight. Using the Local Course to SCED mapping feature is recommended.

**Save** **Cancel**

The DataSpecs Local Course Catalog with State Mappings report displays the local courses by subject area with state mappings for the selected district and/or school.

Parameters Selected	
District:	24 - Kenai Peninsula Borough School District
School:	< Not Specified >
Subject:	Art - Art
Active:	< Active Only >
IB:	< Any >
AP:	< Any >
Elementary:	< Any >
Secondary:	< Any >

## Art - Art

### AA705 - Introduction to Art

<b>Description:</b>	Prerequisite: None Art Introduction is an exploration of art techniques and theory designed for high school students. Students explore a variety of techniques and materials that may include drawing, painting, printmaking, sculpture, weaving, and hand built ceramics. Students will learn to make critical judgments about their own art and the art of others. They will be exposed to the historical and contemporary role of art from various cultures throughout the world and will be encouraged to relate the beauty and meaning of art to their lives. Students will acquire a basic understanding of the Elements and Principles of Design that go into a successful piece of art. Prerequisite: None This class is designed to introduce students to the basic skills used to create two and three dimensional art. Examples of media used are pencil, pen & ink, watercolors, paper mache, and charcoal. Projects will center on the Elements of Art: line, shape, form, texture, color, value, and space. This course may be repeated. Prerequisite: None You do not have to know how to draw, paint, or sculpt to take this course. You will learn how to draw, to create sculptures and you will be introduced to painting with acrylics, watercolors and medias during this semester. Grading is in terms of the student's individual development.		
<b>Comments:</b>			
<b>Special Identifier:</b>		<b>AP:</b> False	<b>IB:</b> False
<b>Course Level:</b>		<b>Available Credit:</b> 0.50	<b>Sequence:</b>
<b>Elementary Mapping:</b> False	<b>Secondary Mapping:</b> True	<b>Other Mapping:</b> False	

#### State Course Mapping:

<b>Subject Area:</b>	AK05 - Fine and Performing Arts
<b>Course:</b>	154 - Creative Art—Comprehensive
<b>Description:</b>	Creative Art—Comprehensive courses provide students with the knowledge and opportunity to explore an art form and to create individual works of art. These courses may also provide a discussion and exploration of career opportunities in the art world. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although Creative Art courses focus on creation, they may also include the study of major artists, art movements, and styles.
<b>Comments:</b>	

# Training and Support for Arizona LEAs, CHs, and CSs

- Training
  - In-person sessions
  - Webinars
  - Follow-up Q&A sessions
- CourseWalk™ User Guide
- Training Manual with Use Cases and Exercises
- Email and phone support by ADE and ESP

# Expectations and Outcomes

- Arizona will have a standardized statewide set of course codes.
- Arizona will have a Student-Teacher Connection collection implemented.
- Local codes will be linked to the state course list for greater consistency.
- Course codes can be matched to teacher assignment codes.
- Teacher data will be able to be aligned to secondary student results.
- Arizona will have better data to evaluate course taking patterns and future success of students.
- Issues related to educator licensure and assignment can be clarified.

# Purposes of the Training Session

- To educate pilot LEAs, CHS, and CSs on how to use the CourseWalk application to map their local course catalogs to the current Arizona Statewide Course Mapping Framework v1.
- To obtain input as part of your participation in the Pilot Task Force.

# After this training session, you should be able to:

- Enter your course catalog information into the two relevant CourseWalk Excel templates (Subject Areas and Courses),
- Import the CourseWalk Excel templates into CourseWalk and fix any validation errors that may arise with the imported files,
- Use CourseWalk's AutoMapping and Mapping Recommendations features to review and map courses appropriately,
- Add/Edit/Delete courses, course information, and course mapping through the CourseWalk interface,
- Run appropriate CourseWalk reports to export mapped course catalogs, and
- Provide feedback about additions to the state course catalog and the state course coding structure.



Questions?????