



## Standardizing Applications for High School Tech Applications Courses

*Executive Summary*

03/24/2003

### **Where do we want to be?**

The district should have standardized applications supporting State and National Technology Applications standards. These applications will allow students to easily maintain their coursework if they move from one school to another. District teacher training can be more efficient and effective.

### **Where have we been?**

Currently, required Technology Applications credit classes are offered sporadically and lack district-approved curriculum and software. While hardware specifications have been detailed for TA:TEKS courses, software and curriculum have not been.

### **Where are we?**

Currently there is no clear District plan for teaching High School TA TEKS courses. Schools are left on their own to choose applications, train and support those applications. Also, there is no standardized Technology Applications courses curriculum and required software for high schools to use that has been district-approved

### **How are we going to get there?**

Instructional Technology and Library Services staff will identify, purchase, and then train teachers to use appropriate software packages for High School Technology Application classes.

### **How will we know if we are getting there?**

- Meeting will take place with High School CICs regarding Technology Applications course requirements that need to be offered at each High School.
- Once High Schools identify courses they would like to see

taught, appropriate software tools will be purchased for High School Technology Applications courses. Hardware funding is not addressed in this proposal.

- Professional Development will be provided for High School teachers focused on Technology Applications courses.
- Once trained, High School teachers will develop curriculum for each course selected.

**When should we be there?**

Planning and development will take place during the 2003-2004 school year, but implementation will take place during the 2004-2005 school year.

**What are the resources needs/issues?**

Hardware

Software

Professional Development for Teachers

Curriculum Development

**POLICY CITATION**

**BACKGROUND  
INFORMATION AND  
SIGNIFICANT ISSUES;  
PREVIOUS BOARD OR  
ADMINISTRATIVE  
ACTION**

**RECOMMENDATION**

**FISCAL IMPACT**

**PROCEDURAL AND  
REPORTING  
IMPLICATIONS**

**EXECUTIVE/CABINET  
TEAM MEMBER(S)  
RESPONSIBLE**

**SAISD Accountability, Technology and Management Information Services Department**

*Technology Project Information Form*

<b>PROJECT NAME</b>	Standardizing Applications for High School Tech Applications Courses
<b>ATMIS DEPARTMENT SPONSOR</b>	Miguel Guhlin, Director, Instructional Services
<b>ATMIS PROJECT SPONSOR</b>	Miguel Guhlin, Director, Instructional Services
<b>POST-IMPLEMENTATION PROJECT OWNER</b>	
<b>VISION 2005 REFERENCE</b>	<ol style="list-style-type: none"> <li>1. Strategy 1: Enable the students, teachers, and administrators of SAISD to effectively integrate technology into the teaching and learning in the District.</li> <li>2. Strategy 4: Create a seamless integration of feedback loops among parent, community, and schools where parents and community interact to create content with students and learning takes place continuously at school and at home.</li> </ol>
<b>ATMIS STAFF AFFECTED</b>	Instructional Services District Initiatives and Special Projects Network Services
<b>OTHER SAISD DEPARTMENT(S) AFFECTED</b>	<ul style="list-style-type: none"> <li>• Career and Technology – may alter courses they offer.</li> <li>• Curriculum and Instruction</li> </ul>
<b>PROJECT COST ESTIMATE</b>	<u>To be determined by Network Services</u>
<b>ONE-TIME</b>	Depends on costs outlined below by campus

Software costs outlined below are per course and lab. For example if a school offers Desktop Publishing in one lab it would cost \$ 4,200. Since most labs could be used for multiple classes, and not every course might be offered at every high school, software costs would vary significantly by school

<b>Course</b>	<b>Suggested Software</b>	<b>Cost for 30 Users</b>	<b>Approximate Cost for One Lab</b>
<b>Computer Science I</b>			<b>2,500</b>
	Inspiration	540	
	Javascript	(Included with Studio MX)	
	Visual C++	1,679	
<b>Computer Science II</b>			<b>2,500</b>

	Inspiration	540	
	Javascript	(Included with Studio MX)	
	C++	1,679	
<b>Desktop Publishing</b>			<b>4,200</b>
	Adobe Pagemaker	4,163	
<b>Digital Graphics / Animation</b>			<b>14,900</b>
	Adobe Photoshop	4,163	
	Adobe Illustrator	1,410	
	Adobe After Effects	4,320	
	Studio MX	4,950	
<b>Multimedia</b>			<b>11,460</b>
	Adobe Premier	4,440	
	Cool Edit 2000	2,070	
	Studio MX	4,950	
<b>Web Mastering</b>			<b>5,000</b>
	Studio MX	4,950	

<b>RECURRING</b>	There should be no direct recurring costs. Training and support can be provided through existing resources.			
<b>ADDITIONAL STAFFING REQUIRED</b>				
<b>CRITICAL DEADLINE</b>	2003-2004 School Year, 4 of 8 available courses must be offered			
<b>FACILITY REQUIREMENTS</b>	Internet capable computers that meet hardware requirements.			
<b>SOLE SOURCE PURCHASE</b>		<b>YES</b>		
<b>VENDOR NAME</b>	Syntrillium's Cool Edit Sound Editing Software			
<b>BUDGETED FUNDS</b>				<b>NO</b>
<b>BUDGET CODE</b>				
<b>EXISTING PROJECTS RELATED TO</b>				
<b>CONSEQUENCE OF NON-APPROVAL</b>	Non-approval will result in campuses being left on their own to determine appropriate software. This could lead to adoption of obsolete or inadequate tools being used to teach our students. In addition, the district will be unable to provide support (training and ongoing) for multiple applications.			