

ITcenter21: Computer Applications Correlation to: *International Society for Technology in Education 9-12*

Foundation Units

Intro to ITcenter21: Computer Applications
Using Computers
Ethics
Web Research
Computer Basics I
Computer Basics II
IT History
IT In Our Lives
IT Careers
Applications, Resumes, and Interviews
Troubleshooting and Maintenance I
Troubleshooting and Maintenance II

Resource Units

Digital Camera Resource
Digital Scanner Resource

Skills Units

Database Skills
Desktop Publishing Skills
Presentation Skills
Spreadsheet Skills
Web Publishing Skills
Word Processing Skills
Merge Skills
Integration Skills

Integration Projects

Integration Project 1: Spreadsheet, Word Processing and Presentation
Integration Project 2: Spreadsheet, Word Processing and Presentation
Integration Project 3: Spreadsheet, Word Processing and Database
Integration Project 4: Open-Ended

Project Units

Database Project
Desktop Publishing Project
Presentation Project
Spreadsheet Project
Web Publishing Project
Word Processing Project



APPLIED EDUCATIONAL SYSTEMS, Inc.
(800) 220-2175
www.aeseducation.com

Overview

This document demonstrates the correlation between the ITcenter21: Computer Applications curriculum supplied by Applied Educational Systems and the ISTE *Performance Indicators for Technology – Literate Students: Grades 9-12*. The units are listed by unit type across the top row of the chart. The checkmarks in the second column indicate that the standard is covered as part of the ITcenter21: Computer Applications course. The X's marked in the remaining columns show which standards are covered by specific units.

Source for standards listed on the following pages:

ISTE and U.S. Department of Labor. National Educational Technology Standards for Students: Connecting Curriculum and Technology. "Performance Indicators for Technology – Literate Students: Grades 9-12". International Society for Technology in Education. 2000. 24.

Recommended Course Sequence

Computer Applications First Semester	Curriculum Hours
Computer Applications Core Units	
Intro to ITcenter21: Computer Applications	2.0
Using Computers	2.0
Ethics	6.0
Computer Basics I	3.0
Web Research	10.0
Word Processing Skills	10.0
Word Processing Project	5.0
Computer Basics II	3.0
Spreadsheet Skills	10.0
Spreadsheet Project	5.0
IT History*	3.0
Presentation Skills	10.0
Presentation Project	5.0
IT In Our Lives*	3.0
Desktop Publishing Skills	10.0
Desktop Publishing Project	5.0
IT Careers*	3.0
Resource Units	
Digital Scanner Resource	0.0
Digital Camera Resource	0.0
Exam Units	
Ethics Exam	0.5
Web Research Exam	0.5
Word Processing Exam	0.5
Presentation Exam	0.5
Desktop Publishing Exam	0.5
Curriculum Hours, First Semester	98.0

Computer Applications Second Semester	Curriculum Hours
Computer Applications Core Units	
Integration Skills	5.0
Integration Project 1: Spreadsheet, Word Processing and Presentation	15.0
Database Skills	10.0
Database Project	5.0
Applications, Resumes, and Interviews*	3.0
Web Publishing Skills	10.0
Web Publishing Project	5.0
Troubleshooting and Maintenance I	3.0
Integration Project 2: Spreadsheet, Word Processing and Presentation	15.0
Merge Skills	2.0
Integration Project 3: Spreadsheet, Word Processing and Presentation	15.0
Troubleshooting and Maintenance II	2.0
Integration Project 4: Open-Ended (<i>teacher sets problem context</i>)	15.0
Resource Units	
Digital Scanner Resource	0.0
Digital Camera Resource	0.0
Exam Units	
Database Exam	0.5
Web Publishing Exam	0.5
Curriculum Hours, Second Semester	107.00
<p>* Based on curriculum options, these units may range from one to three curriculum hours. NOTE: A "curriculum hour" is equal to approximately 45 minutes of instruction.</p>	

