

Technology/Information Literacy

Definition of the Competency

Technology competency includes the ability to: (a) locate and access information from various resources using a computer, (b) manage and store information on various storage systems, (c) evaluate and analyze data using appropriate computer software, (d) create and present papers and reports using appropriate applications, and (e) communicate by submitting messages, papers, and reports using computer technology.

Standards of the Competency

To demonstrate competency, students will successfully complete 5 modules/tests using SmartForce—a Web-based testing and tutorial system. Overall competency is demonstrated by passing all five tests with a minimum score of 70 on each test. Students who fail to pass all five tests must complete CPSC 210 before attempting the tests a second time.

Methodology

Two percent of the students enrolled in the spring 2002 semester were tested as a pilot.

Modules 1-5: Results on First Attempt	Number Passing	Percent Passing
Operating Systems		60%
Web Browsing		0
Spreadsheets		20%
Word Processing		0
Electronic Mail		40%

Summary

The sample was too small to establish benchmarks or determine whether or not CPSC 210 provides adequate preparation for the competency tests. A more valid methodology will be used during AY 2002-03 to standardize campus technology (electronic mail, operating systems, and web browsing programs). All students will be required to demonstrate competency prior to graduation.
