



EDU-C432-50 Virginia Teacher Technology Standards

Center for Teaching Excellence
University of Virginia's College at Wise

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Office Hours: Meetings with the instructor will be covered by regularly scheduled Chat Sessions.
Grading: 3 hour undergraduate college credit

I. Course Description:

Instructional personnel are ultimately responsible for the use of technology in the classroom. As a result of the availability of technology and the requirement that students in Virginia must master technology standards, instructional personnel have been required to meet the Virginia Technology Standards for Instructional Personnel, (TSIP), beginning with the 2002-2003 school years. These standards set forth those competencies required of Virginia educators and are aligned with the National Educational Technology Standards for Teachers, (NETS-T) published by the International Society for Technology in Education. Institutions of higher education have also aligned their teacher education programs to include courses that insure graduating pre-service teachers have mastered the TSIP.

This course will address the Virginia Technology Standards for Instructional Personnel by providing hands-on, practical exercises in each of the eight content areas. Students will gain proficiency in each area by completing various assignments to familiarize themselves with each standard including **hands-on** activities, readings, multimedia, online research, and assessments. The standards are as follows:

Standard One: Instructional personnel shall be able to demonstrate effective use of a computer system and utilize computer software.

Standard Two: Instructional personnel shall be able to apply knowledge of terms associated with educational computing and technology.

Standard Three: Instructional personnel shall be able to apply computer productivity tools for professional use.

Standard Four: Instructional personnel shall be able to use electronic technologies to access and exchange information.

Standard Five: Instructional personnel shall be able to identify, locate, evaluate, and use appropriate instructional hardware and software to support Virginia's Standards of Learning and other instructional objectives.

Standard Six: Instructional personnel shall be able to use educational technologies for data collection, information management, problem solving, decision making, communication, and presentation within the curriculum.

Standard Seven: Instructional personnel shall be able to plan and implement lessons and strategies that integrate technology to meet the diverse needs of learners in a variety of educational settings.

Standard Eight: Instructional personnel shall demonstrate knowledge of ethical and legal issues relating to the use of technology.