

ISTC 301/501 Integrating Instructional Technology
Towson University
College of Education
Department of Educational Technology and Literacy
Summer 2011

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Mission: Inspire, educate and prepare facilitators of active learning for diverse and inclusive communities of learners in environments that are technologically advanced.

Course Description: Materials, devices, techniques and settings are presented in an overview of the field of instructional technology. Laboratory experiences are provided in the operation of instructional hardware.

Rationale: The purpose of the ISTC 301/501 course is to introduce preservice teacher candidates to the various forms of electronic and digital technology and to provide opportunities for engagement and reflection on the role these technology tools can play in the teaching/learning processes in the classroom. The students become skilled in some of the many digital tools used in today's schools. In addition, students will be exposed to basic learning theory and will be assisted in determining appropriate applications of these theories and techniques in educational settings. This course is designed to use the [Towson University Conceptual Framework](#) as a basis to meet the Maryland State Department of Education certification and accreditation requirements.

The following is a guide to the Standards that the Integration of Instructional Technology (ISTC 301/501) course is designed to meet; the Codes associated with the Standards; and the Assessment tools used to measure the candidates' abilities to demonstrate mastery of these standards.

ISTE	NETS*T-International Society for Technology in Education- National Educational Technology Standards for Teachers [Appendix 1]
MTTS	Maryland Teacher Technology Standards [Appendix 2]
INTASC	Interstate New Teacher Assessment and Support Consortium [Appendix 3]
MSDE-VSC	Maryland State Department of Education-Voluntary State Curriculum [Available online at http://www.smcm.edu/msde-pt3/projects.htm].
Towson University Conceptual Framework	Towson University College of Education, Conceptual Framework [Mission, Vision- Integrated Themes and Standards]. Available online: http://wwwnew.towson.edu/coe/ncate/

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Course Objectives/ Outcomes, Standards and Assessment

Course Objectives/Outcomes	Standard
1. learn how to use a variety of technology and media resources	ISTE-NETS*T IAB, IIBC; MTTS 5, 7; INTASC #3,4
2. gain experience in planning to integrate technology into the classroom curriculum	ISTE-NETS*T II ABDE, III ABCD, IV ABC; MTTS 5,7; INTASC #1,3,4,5,6; MSDE-VSC.
3. develop an educational technology portfolio that supports specific academic content.	ISTE-NETS*T IIC; MTTS 1,2, 3, 4, 5, 6, 7; INTASC#1,2,7; MSDE-VSC.
4. design a multimedia project to present curriculum information.	ISTE-NETS*T IIAB; MTTS 1, 2, 3, 4, 5, 6, 7; INTASC#1; MSDE-VSC.
5. participate in meaningful communication within and outside of an electronic learning community.	ISTE-NETS*T VABCD; MTTS 2, 3, 5, 7; INTASC #9,10
6. prepare to use technology independently throughout their education and their careers.	ISTE-NETS*T VABCD; MTTS 1, 2, 3, 4, 5, 6, 7; INTASC#9; MSDE-VSC.
7. connect their classroom experiences with situations and experiences in the outside world.	ISTE-NETS*T VIABCDE; MTTS 2,5; INTASC #2,9; MSDE-VSC.
8. demonstrate mastery of the ISTE-NETS*T), MTTS, Maryland State Department of Education-Voluntary State Curriculum (VSC) and INTASC Standards.	ISTE-NETS*TVIAB,IIAB,IIIABCD,IVABC,VABCD, VIABCDE; MTTS1,2,3,4,5,6,7; INTASC#8

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Americans with Disabilities Act Compliance

Any students who may need an accommodation due to a disability should make an appointment to see me as soon as possible. A memo from the Towson University Disability Support Services Office (410-704-2638) authorizing your accommodations will be needed.

Policies

Students are expected to maintain a high standard of academic integrity. Inappropriate classroom conduct, cheating, and plagiarism are unacceptable and are grounds for a failing grade in this course. Students are responsible for adhering to the Towson University academic integrity policies described in the Towson University Undergraduate Catalog.

Class Discussion and Participation

A major portion of this class is based on weekly readings. All students are expected to carefully read the assigned readings for each week and be prepared to participate in classroom discussions and activities. Your discussion participation is vital to this class. You are encouraged to share items that you think might add to and improve the quality of the class. This includes, bringing in relevant articles, web sites, new technologies, software, or anything you think might be appropriate for class discussion.

Participation in all online assignments is a **required** part of this course as well. Failure to actively participate online is equivalent to not attending class and 3% will be deducted from the participation/attendance grade for minimal online presence and 5% deducted for no online presence during an activity. In-class participation points are earned by being engaged, on-task, and active in activities and discussions.

Blog - <http://istc501621.wordpress.com/>

Textbook: See course web site for on-line readings

Rose, D., & Meyer, A. (2002). *Teaching Every Student in the Digital Age: Universal Design for Learning*. Alexandria, VA: ASCD. <http://www.cast.org/teachingeverystudent/ideas/tes/>

Attendance

You are expected to attend every class. If you are absent, you are responsible for all content covered during the class meeting you missed.

Course Projects and Activities

There are several projects/activities assigned throughout this course. Each of the projects are discussed in specific detail below and on the course website. Every project has an assigned due date or should be completed during class time. Your project is expected to be ready for submission when class begins, that day. Unless specific circumstances have been discussed on a one to one basis, prior to the due date, late projects will not be accepted.

Experimental Technologies

5%

Over the course of this semester students will be required to incorporate web 2.0 tools into course projects, assignments and activities. Many of the projects will have experimental technologies to consider using. You are required to incorporate at least five new technologies into your class work. See blog for more detail and suggested technologies.