



A Survey of Preservice Teachers' Perceptions of The UTK Introductory Instructional Technology Course

University of Tennessee

Dear students,

You are invited to participate in a survey that is designed to gather information about preservice teachers' perceptions regarding the UTK Introductory Instructional Technology Course.

The main purposes of the study are to:

- (1) determine the degree to which the UTK Introductory Instructional Technology Course for preservice teachers' emphasizes National Educational Technology Standards;
- (2) determine if students enrolled in the UTK Introductory Instructional Technology Course believe that they are adequately prepared for integrating technology into K-12 teaching; and
- (3) measure students' perceptions of the value of technology for teaching and learning.

The attached questionnaire is developed based on the National Educational Technology Standards. Your participation is voluntary and you do not have any obligation to answer any questions you do not like or understand. This is an anonymous survey and any information you provide will be kept confidential.

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These questions are adopted from the National Educational Technology Standards for teachers developed by the International Society of Technology Education.

Section I. Technology operations and concepts

1. I can explain the difference between software and hardware.
Yes... No ... Not sure...
2. I can operate both Mac and PC.
Yes... No ... Not sure...
3. I can explain terminology related to computer technology.
Yes... No ... Not sure...
4. I can demonstrate installing content-based software.
Yes... No ... Not sure...
5. I can demonstrate the basic features of presentation/multimedia software (i.e. PowerPoint, Hyperstudio, etc).
Yes... No ... Not sure...
6. I am confident with basic troubleshooting techniques.
Yes... No ... Not sure...
7. I believe that it is important for teachers to have basic knowledge of concepts and operations of computer technology for their classrooms.
Yes... No ... Not sure...

Section II. Planning and designing learning environments and experiences

8. I can design lesson plans implementing technology that are developmentally appropriate and support the needs of diverse learners.
Yes... No ... Not sure...
9. I can apply knowledge from current instructional research on the use of technology to my future classroom.
Yes... No ... Not sure...
10. I can plan strategies using technology to enhance student learning.
Yes... No ... Not sure...
11. I can identify and locate online resources dealing with learning activities and teaching strategies.
Yes... No ... Not sure...
12. I believe that it is important for teachers to know how to utilize technology-based materials to plan for their lessons.
Yes... No ... Not sure...

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Section III. Teaching, Learning and the curriculum

13. I am aware of the content standards and student technology standards of Tennessee State Curriculum Frameworks.
Yes...¹ No ...¹ Not sure...¹
14. I can use technology to support student-centered activities.
Yes...¹ No ...¹ Not sure...¹
15. I can develop lesson plans applying technology to enhance students' higher order thinking skills and creativity.
Yes...¹ No ...¹ Not sure...¹
16. I can operate and apply content-based software to support students' learning.
Yes...¹ No ...¹ Not sure...¹
17. I believe that a technology implemented curriculum is important for students in their learning activities.
Yes...¹ No ...¹ Not sure...¹

Section IV. Assessment and Evaluation

18. I can evaluate content-based software.
Yes...¹ No ...¹ Not sure...¹
19. I can apply technology resources in assessing students learning of subject matter knowledge.
Yes...¹ No ...¹ Not sure...¹
20. I can apply information collected from Internet resources to improve my teaching practice.
Yes...¹ No ...¹ Not sure...¹
21. I can evaluate the appropriateness of students' use of technology resources.
Yes...¹ No ...¹ Not sure...¹
22. I believe that it is important for teachers to apply technology resources to facilitate a variety of effective assessment and evaluation strategies.
Yes...¹ No ...¹ Not sure...¹

Section V. Productivity and professional practice

23. I believe that the use of productivity tools (i.e. Microsoft word, Excel, Powerpoint, Hyperstudio..) will affect the quality of teaching practice.
Yes...¹ No ...¹ Not sure...¹
24. I believe that teachers should continuously be informed about new technology tools for their professional development.
Yes...¹ No ...¹ Not sure...¹
25. I believe that teachers should evaluate and reflect on their professional practice regarding the use of technology in support of student learning.
Yes...¹ No ...¹ Not sure...¹
26. I believe that the use of communication tools (i.e. email, discussion board/forum..) are important in communicating and collaborating with peers, parents and students.
Yes...¹ No ...¹ Not sure...¹
27. I believe that my competent use of technology will increase my chances to get hired.
Yes...¹ No ...¹ Not sure...¹

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VI. Demographic Information

1. Gender

Female... Male...

2. Age

- A. Under 22
- B. 22-29
- C. 30-40
- D. Above 40

3. Have you finished your internship?

No... Yes... (when _____) N/A...

4. What is your highest level of education at this time?

- a. High school diploma
- b. Associate degree from 2 years college
- c. Bachelor’s degree
- d. Bachelor’s degree with additional graduate coursework
- e. Master’s degree with additional graduate coursework

5. Please indicate your teaching experience.

- a. None
- b. Less than 1 year
- c. 1—2 years
- d. 2—3 years
- e. More than 3 years
- f. Other (specify _____)

6. Please indicate the licensure you are currently seeking (check all that apply)

Elementary	Secondary
	Secondary:
PreK - 3	Foreign Language/ESL
K - 8	English
5-8	Math
K - 12 / Special Education	Science - Biology
	Social Studies
Music, Art, others (specify _____)	

Thank you for your participation. 😊