

**Western Oregon University  
MSED Information Technology  
Final Written Comprehensive Examinations**

**Component for Information Technology Content Core**

**All questions should be written in appropriate academic style and voice, including APA formatting and citations as appropriate. Please include specific, concrete details from your coursework, readings, research, and appropriate theories/theorists to support your answers. As time allows, please carefully reread and proofread your answers. Comprehensive exam questions encompass the National Educational Technology Standards; include references to coursework, research, and readings across your program of study as appropriate.**

**Allow approximately 45 minutes for each question.**

**I. Please answer the following item: (Student Learning and Creativity Standard)**

How will you facilitate and inspire student learning and creativity in your teaching and/or your profession? Give three specific examples of educational activities or products that you might design to encourage 1) collaboration, 2) creativity or inventiveness, and 3) real world connections. Support your ideas with references from research or theory.

**II. Please answer the following item: (Digital Age Learning Experiences Standard)**

Describe an educational lesson that you might design (to be delivered face-to-face or digitally) that is richly infused with technology. Explain how it is designed with flexibility to meet the needs and interests of your diverse audience. Describe the technical skills that will be required of your students and explain how you will provide technical instruction or otherwise ensure that your students have the necessary skills. What authentic assessment(s) will inform you about the learning that is taking place?

**III. Please answer the following item: (Digital Age Work and Learning Standard)**

Describe what it means to be an innovative professional in a global and digital society. Please provide specific examples of professional behaviors you will model and teach.

**IV. Please select one (1) of the following items: (Digital Citizenship Standard)**

- A. Describe four (4) ethical or societal issues related to our evolving digital culture. Provide specific examples of how you will model and teach responsible behavior regarding each of these four issues.
- B. Discuss ways that emerging technologies enable individuals to become active members of a global culture. What digital tools provide opportunities for communication and collaboration on a global scale?

**V. Please answer the following item: (Digital Citizenship Standard)**

Discuss the critical skills necessary to gather, evaluate, and use information in this digital age. Your discussion can include skills needed for information literacy, media literacy, and/or computer literacy.

**VI. Please answer the following item: (Student Learning and Creativity Standard)**

Explain how you will design educational activities or materials that promote critical thinking skills and offer opportunities for learners to tackle authentic issues. What technological tools will they have available to help them identify solutions and inform their decisions?