

Technology Rubric (7-8-00)
Department of Educational Leadership and Policy Studies

Technology: Understanding the role, applications, and limitations of technology (applied science) in learning and organizational processes.

Levels of Achievement				
Criteria	Exemplary	Proficient	Marginal	Unacceptable
Role of Technology in Learning	Articulates the effects of technology and particular technological tools on learners' ways of knowing, synthesizing findings in the literature. Develops original theory and/or conduct research on this topic.	Synthesizes findings from the literature about the effects of technology on learners' ways of knowing and the implications for learning of particular technological tools. Is not yet able to develop theory or conduct original research.	Is able to discuss the effects of technology on learners' ways of knowing and the implications for learning of particular technology tools, but often with superficial treatment.	Rarely exhibits an understanding of the effects of technology on learners' ways of knowing and the implications for learning of particular technology tools.
Role of Technology in Educational Practice: Emerging Educational Technology	Analyzes the capabilities and limitations of contemporary and emerging technology resources, synthesizing findings from the literature. Assesses the potential of technological systems and services to enhance educational practice.	Can synthesize from the literature that which is known about the capabilities and limitations of contemporary and emerging technology resources but cannot fully apply knowledge to practical.	Is able to discuss the capabilities and limitations of contemporary and emerging technology resources, but often with superficial treatment.	Rarely exhibits an understanding of capabilities and limitations of contemporary and emerging technology resources.

Criteria	Exemplary	Proficient	Marginal	Unacceptable
Role of Technology in Educational Practice: Technology Support	Assesses the extent to which administrative and logistics support is required to implement a technology tool, using what is known in the literature.	Can synthesize from the literature that which is known about the support requirements of implementing particular technology tools but cannot fully apply knowledge to practical applications.	Is able to discuss the support requirements of implementing particular technology tools, but often with superficial treatment.	Rarely exhibits an understanding of support requirements of implementing particular technology tools.
Role of Technology in Educational Practice: Technology Integration	Can distinguish between market and curricular needs in selecting technology tools to enhance educational practice, synthesizing findings in the literature.	Can synthesize from the literature that which is known about the difference between market and curricular needs in selecting technology tools to enhance educational practice but cannot fully apply knowledge to practical applications.	Is able to discuss the difference between market and curricular needs in selecting technology tools to enhance educational practice, but often with superficial treatment.	Rarely exhibits an understanding of the difference between market and curricular needs in selecting technology tools to enhance educational practice.
Role of Technology in Organizational Processes	Uses relevant findings in the literature to make informed choices among technology systems, resources, and services and to identify useful technology tools and resources for managing and communicating organizational information.	Can discuss the literature concerning technology systems, resources, and services that might be useful for managing and communicating organizational information, but cannot fully apply knowledge in practice.	Is acquainted with some technology systems, resources, and services that might be useful for managing and communicating organizational information, but is able to assess their utility in only a superficial manner.	Rarely exhibits an acquaintance with technology systems, resources, and services that might be useful for managing and communicating organizational information.

Criteria	Exemplary	Proficient	Marginal	Unacceptable
Integration Between Technology and Social Change: Widespread Use of Technology	Analyzes the effects of widespread use and reliance on technology in organizations and society as a whole, using the literature as a basis.	Is able to articulate the effects of widespread use and reliance on technology in organizations and society as a whole, as described in the literature but cannot fully utilize knowledge in practice.	Demonstrates a cursory knowledge of the effects of widespread use and reliance on technology in organizations and society.	Cannot analyze the effects of widespread use and reliance on technology on organizations and society as a whole.
Integration Between Technology and Social Change: Current Changes in Technology	Uses findings from the literature to analyze the effect of current changes in information technologies on organizations and society.	Can synthesize findings in the literature about current changes in information technologies and the effect those changes have on organizations and society.	Cannot describe the effects that technology changes have on organizations and society, except in a superficial manner.	Does not demonstrate knowledge of current changes in information technologies and the effect those changes have on organizations and society.
Integration Between Technology and Social Change: Ethics and Technology	Knows legal and ethical personal and organizational behaviors regarding the use of technology and information and acts ethically when using information technology. Analyzes instances of technology use in education with regard to legal and ethical principles.	Knows legal and ethical personal and organizational behaviors regarding the use of technology and information and acts ethically when using information and technology. Ability to use knowledge to analyze real-life situations is limited.	Articulates a cursory knowledge of legal and ethical personal and organizational behaviors regarding the use of technology and information. May unwittingly violate ethical principles because of limitations in knowledge.	Does not exhibit understanding or knowledge of legal and ethical personal and organizational behaviors regarding the use of technology and information. May violate ethical principles in practice.

Criteria	Exemplary	Proficient	Marginal	Unacceptable
Justice and Technology: Access to Technology	Understands and can theorize about the implications of equal and unequal learner access to technology resources, using information in the literature.	Can synthesize information in the literature regarding the implications of equal and unequal learner access to technology resources.	Articulates a cursory knowledge of the implications of equal and unequal learner access to technology resources.	Never addresses the implications of equal and unequal learner access to technology resources.
Justice and Technology: Technology and Social Justice	Can analyze the role technology plays in furthering or hindering social justice, basing analysis on information in the literature.	Can synthesize information in the literature about the role technology plays in furthering or hindering social justice but cannot fully use information in practical applications.	Articulates a cursory knowledge of the role technology plays in furthering or hindering social justice.	Views technology as neutral, with no social justice implications.