

**STANDARDS FOR THE MASTER OF INSTRUCTIONAL TECHNOLOGY DEGREE/
COORDINATOR/ DIRECTOR OF TECHNOLOGY LICENSE**

The Instructional Technology Coordinator/Director certification is appropriate for those persons who, through advanced study and preparation, wish to develop extensive knowledge and skill in the area of instructional technology and its application in the K-12 curriculum. The Instructional Technology Coordinator/Director has the role of decision-maker, consultant, and specialist in advising administrators, teachers, and other professional personnel on instructional technology. The coordinator/director serves as a member of a management team and has responsibilities that include computer skills curriculum planning and implementation; staff development; hardware and courseware evaluation selection, and integration; production and utilization of resources; and management of personnel and facilities. The technology coordinator/director may be identified by a variety of titles such as computer specialist, computer coordinator, technology director, instructional technology specialist, or instructional technology supervisor.

The role of the Instructional Technology Coordinator/Director may vary from one of an educational leader who coordinates the overall instructional technology program in a school system or a specific school to one who concentrates at a certain grade level, a certain subject area, or a certain educational process.

Standards and Indicators

Standard 1: The instructional technology coordinator/director will demonstrate knowledge and skills related to technology operations and concepts.

The instructional technology coordinator/director:

- Indicator 1 Demonstrates knowledge, skills, and understanding of concepts relating to technology.
- Indicator 2 Demonstrates continual growth in technology knowledge and skills to stay abreast of current and emerging technologies.

Standard 2: The instructional technology coordinator/director will plan and design learning environments and experiences.

The instructional technology coordinator/director:

- Indicator 1 Designs developmentally appropriate learning opportunities that apply technology-enhanced instructional strategies to support the diverse needs of learners with teachers and administrators.
- Indicator 2 Applies current research on teaching and learning with technology when planning learning environments and experiences.
- Indicator 3 Identifies and locates technology resources and evaluate them for accuracy and suitability.
- Indicator 4 Plans for the management of technology resources within the context of learning activities.
- Indicator 5 Plans strategies to manage student learning in a technology-enhanced environment.
- Indicator 6 Identifies and applies instructional design principles associated with the development of technology resources.

Standard 3: The instructional technology coordinator/director will facilitate the use of technology to enhance teaching, learning and the curriculum.

The instructional technology coordinator/director:

- Indicator 1 Facilitates technology-enhanced experiences that address content standards and student technology standards.
- Indicator 2 Uses technology to support learner-centered strategies that address the diverse needs of student.
- Indicator 3 Applies the use of technology to develop core thinking skills that lead to higher level thinking processes for analysis, problem-solving, decision making, and creativity.
- Indicator 4 Collaborates with the classroom teacher and media coordinator to facilitate student learning activities in a technology-enhanced environment.
- Indicator 5 Uses current research and district/region/state/national content and technology standards to design and develop lessons and units of instruction.

Standard 4: The instructional technology coordinator/director will apply technology in the assessment and evaluation of student learning.

The instructional technology coordinator/director:

- Indicator 1 Applies technology in assessing student learning of subject matter using a variety of assessment techniques.
- Indicator 2 Uses technology resources to collect and analyze data, interpret results, and communicate findings to improve instructional practice and maximize student learning.
- Indicator 3 Applies multiple methods of evaluation to determine students' appropriate use of technology resources for learning, communication, and productivity.

Standard 5: The instructional technology coordinator/director will use technology resources to enhance productivity and professional practice.

The instructional technology coordinator/director:

- Indicator 1 Uses technology resources to engage in ongoing professional development and lifelong learning.
- Indicator 2 Continually self-evaluates and reflects on professional practice to make informed decisions regarding the use of technology in support of student learning.
- Indicator 3 Applies technology to increase productivity.
- Indicator 4 Uses technology to communicate and collaborate with peers, parents, and the larger community in order to nurture student learning.

Standard 6: The instructional technology coordinator/director will model and promote social, ethical, legal, and human issues that relate to technology use.

The instructional technology coordinator/director:

- Indicator 1 Models and teaches legal and ethical practice related to technology use.
- Indicator 2 Applies technology resources to enable and empower learners with diverse backgrounds, characteristics, and abilities.
- Indicator 3 Identifies and uses technology resources that affirm diversity with a global perspective.
- Indicator 4 Promotes safe and healthy use of technology resources.
- Indicator 5 Facilitates equitable access to technology resources for all students.

Standard 7: The instructional technology coordinator/director will identify and/or develop procedures, policies, planning, and budgeting for technology environments.

The instructional technology coordinator/director:

- Indicator 1 Uses the school technology facilities and resources to implement classroom instruction.
- Indicator 2 Identifies and/or develops procedures and guidelines used in planning and purchasing technology resources.
- Indicator 3 Participates in professional development opportunities related to management of school facilities, technology resources and purchases.

Standard 8: The instructional technology coordinator/director will provide leadership and vision for technology.

The instructional technology coordinator/director:

- Indicator 1 Identifies and applies educational and technology related research, the psychology of learning, and instructional design principles in guiding the use of computers and technology in education.
- Indicator 2 Applies strategies for and knowledge of issues related to managing the change process in schools.
- Indicator 3 Applies effective group process skills.
- Indicator 4 Leads in the development and evaluation of district technology planning and implementation.