**How this course meets the ISTE/NETS*T Foundations for All Teachers
and MSDE Teacher Technology Standards**

Course Title:
Completion of any course does not certify competency in the identified area: however, it will contribute to development of the competency

I. Technology Operations and Concepts
Teachers demonstrate a sound understanding of technology operations and concepts.

VII. Professional Growth

Develop professional practices that support continual learning and professional growth in technology.

Teachers:

A. demonstrate introductorily knowledge, skills, and understandings of concepts related to technology	Yes
B. demonstrate continual growth in technology knowledge and skills to stay abreast of current and emerging technologies	Yes
1. Create a professional development plan that includes resources to support the use of technology in life long learning.	Yes
2. Use resources of professional organizations and groups that support the integration of technology into instruction.	Yes
3. Continually evaluate and reflect on professional practices and emerging technologies to support student learning.	Yes
4. Identify local, state and national standards and use them to improve teaching and learning.	Yes

II. Planning and designing learning environments and experiences
Teachers plan and design effective learning environments and experiences supported by technology.

I. Information Access, Evaluation, processing and Application

Access, evaluate, process and apply information efficiently and effectively.

Teachers:

A. design developmentally appropriate learning opportunities that apply technology-enhanced instructional strategies to support the diverse needs of learners.	Yes
B. apply current research on teaching and learning with technology when planning learning environments and experiences.	Yes
C. identify and locate technology resources and evaluate them with accuracy and suitability	Yes
D. plan for the management of technology resources within the context of learning activities	Yes
E. plan strategies to manage learning in a technology-enhanced environment.	Yes
1. Identify, locate, retrieve and differentiate among a variety of electronic sources of information using technology.	Yes
2. Evaluate information critically and completely for a specific purpose.	Yes

| 3. Organize, categorize and store information for efficient retrieval. | Yes |
| 4. Apply information accurately in order to solve a problem or answer a question. | Yes |

III. Teaching, learning, and the curriculum

Teachers implement curriculum plans that include methods and strategies for applying technology to maximize student learning.

V. Integrating Technology into the Curriculum and Instruction

Design, implement and assess learning experiences that incorporate use of technology in a curriculum-related instructional activity to support understanding, inquiry, problem solving, communication and/or collaboration.

Teachers:

A. facilitate technology-enhanced experiences that address content standards and student technology standards.	Yes
B. use technology to support learner-centered strategies that address the diverse needs of students.	Yes
C. apply technology to develop students' higher order skills and creativity.	Yes
D. manage student learning activities in a technology-enhanced environment.	Yes
1. assess students' learning/instructional needs to identify the appropriate technology for instruction.	Yes
2. Evaluate technology materials and media to determine their most appropriate instructional use.	Yes
3. Select and apply research-based practices for integrating technology into instruction.	Yes
4. Use appropriate instructional strategies for integrating technology into instruction.	Yes
5. Select and use appropriate technology to support content-specific student learning outcomes.	Yes
6. Develop an appropriate assessment for measuring student outcomes through the use of technology.	Yes
7. Manage a technology-enhanced environment to maximize student learning.	Yes

IV. Assessment and evaluation

Teachers apply technology to facilitate a variety of effective assessment techniques and evaluation strategies.

IV. Assessment for Administration and Instruction

Use technology to analyze problems and develop data-driven solutions for instructional and school improvement.

Teacher:

| A. apply technology in assessing student learning of subject matter using a variety of assessment techniques. | Yes |
| B. use technology resources to collect and analyze data, interpret results, and communicate findings to improve instructional practice and | yes |

maximize student learning.	
C. apply multiple methods of evaluation to determine students' appropriate use of technology resources for learning, communication, and productivity	Yes
1. Research and analyze data related to student and school performance.	Yes
2. Apply findings and solutions to establish instructional and school improvement goals.	Yes
3. Use appropriate technology to share results and solutions with others, such as parents and the larger community.	Yes

V. Productivity and professional practice
Teachers use technology to enhance their productivity and professional practice.

VII. Professional Growth
Develop professional practices that support continual learning and professional growth in technology.

I. Information Access, Evaluation, Processing and Application
Access, evaluate, process and apply information efficiently and effectively.
II. Communication
  A. Use technology effectively and appropriately to interact electronically.
  B. Use technology to communicate information in a variety of formats.

Teachers:

A. use technology resources to engage in ongoing professional development and lifelong learning	Yes
B. continually evaluate and reflect on professional practice to make informed decisions regarding the use of technology in support of student learning	Yes
C. apply technology to increase productivity	Yes
D. use technology to communicate and collaborate with peers, parents, and the larger community in order to nurture student learning	Yes
VII-1. Create a professional development plan that includes resources to support the use of technology in life long learning.	Yes
VII-2. Use resources of professional organizations and groups that support the integration of technology into instruction.	Yes
VII-3. Continually evaluate and reflect on professional practices and emerging technologies to support student learning.	Yes
VII-4. Identify local, state and national standards and use them to improve teaching and learning.	Yes
I-1. Identify, locate, retrieve and differentiate among a variety of electronic sources of information using technology.	Yes
I-2. Evaluate information critically and completely for a specific purpose.	Yes
I-3. Organize, categorize and store information for efficient retrieval.	Yes
I.-4. Apply information accurately in order to solve a problem or answer a question.	Yes
II-A.1 Use telecommunications to collaborate with peers, parents, colleagues, administrators and/or experts in the field.	Yes
II-B.1. Select appropriate technologies for a particular communication goal.	Yes
II-B.2. Use productively tools to publish information.	Yes
II-B.3. Use multiple digital sources to communicate information online.	Yes

VI Social, Ethical, Legal, and Human Issues

Teachers understand the social, ethical, legal, and human issues surrounding the use of technology in PK-12 schools and apply that understanding in practice.

III. Legal, Social, and Ethical issues
Demonstrate an understanding of the legal, social, and ethical issues related to technology use.

VI. Assistive Technology
Understand human, equity and developmental issues surrounding the use of assistive technology to enhance student learning performance and apply that understanding to practice.

Teachers :

A. model and teach legal and ethical practice related to technology use.	Yes
B. apply technology resources to enable and empower learners with diverse backgrounds, characteristics, and abilities.	Yes
C. identify and use technology resources that affirm diversity.	Yes
D. promote safe and healthy use of technology resources.	Yes
E. facilitate equitable access to technology resources for all students.	Yes
III-1. Identify ethical and legal issues using technology	Yes
III-2. Analyze issues related to the uses of technology in educational settings.	Yes
III-3. Establish classroom policies and procedures that ensure compliance with copyright law, fair Use guidelines, security, privacy and student online protection.	Yes
III-4. Use classroom procedures to manage an equitable, safe and healthy environment for students.	Yes
VI-1. Identify and analyze assistive technology resources that accommodate individual student learning needs.	Yes
VI-2. Apply assistive technology to the instructional process and evaluate its impact on learners with diverse backgrounds, characteristics and abilities.	Yes