



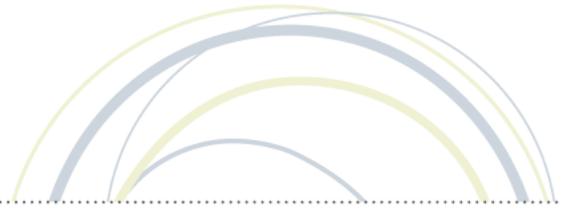
# ISTE SEAL OF ALIGNMENT REVIEW FINDINGS REPORT

James Madison University NETS\*T Certification Program  
JUNE 2015



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## ABOUT

### **ABOUT ISTE**

The International Society for Technology in Education (ISTE) is the premier nonprofit membership organization serving educators and education leaders. ISTE is committed to empowering connected learners in a connected world and serves more than 100,000 education stakeholders throughout the world.

As the creator and steward of the definitive education technology standards, our mission is to empower learners to flourish in a connected world by cultivating a passionate professional learning community, linking educators and partners, leveraging knowledge and expertise, advocating for strategic policies, and continually improving learning and teaching.

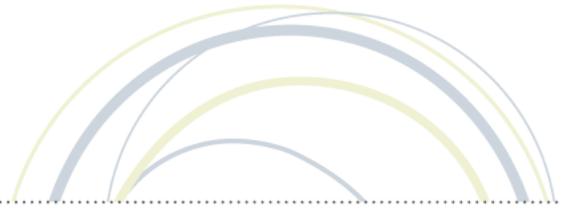
### **ISTE SEAL OF ALIGNMENT**

Resources and products designed with the ISTE Standards in mind are choosing to demonstrate their commitment to support critical digital age learning skills and knowledge. Regardless of a solution's intended grade level, purpose or content area, by addressing the ISTE Standards and earning a Seal of Alignment, a solution is shown to consciously, purposefully and meaningfully support best practices for digital age teaching and learning.

ISTE considers a solution aligned to the ISTE Standards only after an extensive review conducted by trained ISTE Seal of Alignment reviewers, and it has been determined to meet all critical elements of a particular standard indicator in accordance with specific review criteria.

By earning a Seal of Alignment, ISTE verifies that this product:

- Promotes critical technology skills
- Supports the use of technology in appropriate ways
- Contributes to the pedagogically robust use of technology for teaching and learning
- Aligns to the ISTE Standards in specific ways as described in the review finding report



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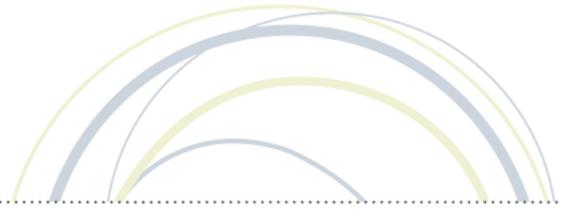
## RESOURCE DESCRIPTION

### **WHAT IS THE JAMES MADISON UNIVERSITY NETS\*T CERTIFICATION PROGRAM?**

The JMU NETS\*T Certification Program is a 12-month program designed to certify that participants have demonstrated and met instructional technology practices for each of the five ISTE Standards for Teachers. Participants submit a portfolio-based assessment and have an option to obtain graduate credit upon successful completion of the program.

The NETS\*T Certification Program is delivered through an online asynchronous and synchronous learning environment that enables teachers to prepare and submit portfolios for evaluation. The synchronous component provides “live” sessions with participants through Blackboard Collaborate.

Portfolios are evaluated using a detailed set of rubrics and processes are in place for establishing and maintaining consistency among evaluators. Mentors and evaluators for the program also receive instruction online.



## ISTE SEAL OF ALIGNMENT REVIEW

**Institution:** James Madison University  
**Program:** NETS\*T Certification Program  
**Date of Award:** June 2015

### REVIEW METHODOLOGY

ISTE Seal of Alignment reviews are conducted by a panel of education and instructional experts. Reviewers use data collected both separately and collectively to determine how a solution addresses specific elements described in each of the indicators of the ISTE Standards. Special instruments are used by reviewers to collect data on potential alignment across all resource materials. Alignment is determined based on the extent to which all or some of specific elements are addressed within the materials. Reviewers conduct regular calibrations to assure the validity and reliability of the results and final review findings are combined for an overall score for alignment on each individual indicator.

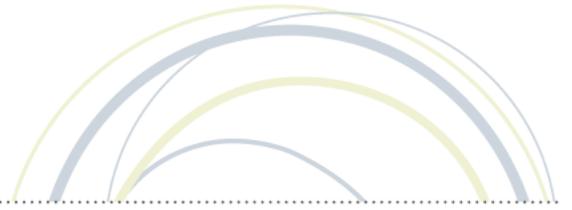
The JMU NETS\*T Certification Program was reviewed for alignment against the ISTE Standards for Teachers, at the Mastery level. Mastery level reviews consider the program's learning objectives as well as specified implementation plans and embedded tools for measuring performance to meet the ISTE Standards indicators.

During the review process for the JMU NETS\*T Certification Program, reviewers:

- collected data on when and how each activity addressed specific skills and knowledge described in the ISTE Standards for Teachers.
- compiled findings to determine overall alignment across all ISTE Teacher standards and indicators.
- used aggregate findings to form the basis of the overall alignment results.

### SCOPE OF REVIEW

ISTE Reviewers conducted a review of all program materials including the training course for portfolio evaluators, portfolio submissions from current and past cohorts, and portfolio evaluation rubrics. Due to the standard format of program components, ISTE Reviewers applied a sampling approach in conjunction with periodic check-in meetings with program liaisons as needed.

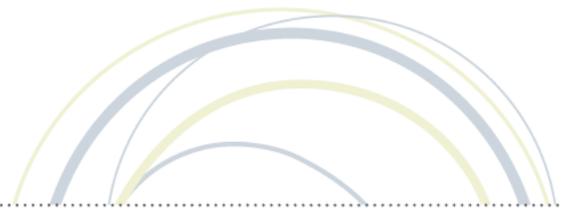


## REVIEW FINDINGS

After careful consideration, ISTE Reviewers determined that the JMU NETS\*T Certification Program aligns to the following standards and indicators of the ISTE Standards for Teachers at the Mastery level:

**1.a., 1.b., 1.c., 1.d., 2.a., 2.b., 2.c., 2.d., 3.a., 3.b., 3.c., 3.d.,  
4.a., 4.b., 4.c., 4.d., 5.a., 5.b., 5.c., 5.d.**

<b>ISTE Standard</b>
<b>1. Facilitate and inspire student learning and creativity</b>
a. Promote, support, and model creative and innovative thinking and inventiveness.
b. Engage students in exploring real-world issues and solving authentic problems using digital tools and resources.
c. Promote student reflection using collaborative tools to reveal and clarify students' conceptual understanding and thinking, planning, and creative processes.
d. Model collaborative knowledge construction by engaging in learning with students, colleagues, and others in face-to-face and virtual environments.
<b>2. Design and develop digital age learning experiences and assessments</b>
a. Design or adapt relevant learning experiences that incorporate digital tools and resources to promote student learning and creativity.
b. Develop technology-enriched learning environments that enable all students to pursue their individual curiosities and become active participants in setting their own educational goals, managing their own learning, and assessing their own progress.
c. Customize and personalize learning activities to address students' diverse learning styles, working strategies, and abilities using digital tools and resources.



d. Provide students with multiple and varied formative and summative assessments aligned with content and technology standards, and use resulting data to inform learning and teaching.

**3. Model digital age work and learning**

a. Demonstrate fluency in technology systems and the transfer of current knowledge to new technologies and situations.

b. Collaborate with students, peers, parents, and community members using digital tools and resources to support student success and innovation.

c. Communicate relevant information and ideas effectively to students, parents, and peers using a variety of digital age media and formats.

d. Model and facilitate effective use of current and emerging digital tools to locate, analyze, evaluate, and use information resources to support research and learning.

**4. Promote and model digital citizenship and responsibility**

a. Advocate, model, and teach safe, legal, and ethical use of digital information and technology, including respect for copyright, intellectual property, and the appropriate documentation of sources.

b. Address the diverse needs of all learners by using learner-centered strategies providing equitable access to appropriate digital tools and resources.

c. Promote and model digital etiquette and responsible social interactions related to the use of technology and information.

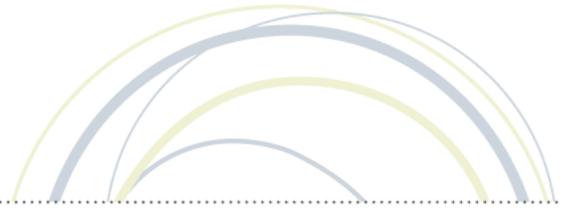
d. Develop and model cultural understanding and global awareness by engaging with colleagues and students of other cultures using digital age communication and collaboration tools.

**5. Engage in professional growth and leadership**

a. Participate in local and global learning communities to explore creative applications of technology to improve student learning.

b. Exhibit leadership by demonstrating a vision of technology infusion, participating in shared decision making and community building, and developing the leadership and technology skills of others.

c. Evaluate and reflect on current research and professional practice on a regular basis to make effective use of existing and emerging digital tools and resources in support of student learning.



d. Contribute to the effectiveness, vitality, and self-renewal of the teaching profession and of their school and community.

## **CONCLUSION**

JMU's National Educational Technology Standards for Teachers (NETS\*T) Certification is an intensive, deeply reflective process, designed for self-directed learners to evaluate and determine if teachers' instructional technology practices meet the standards set forth by the Standards for Teachers.

After reviewing all components of the NETS\*T Certification Program, reviewers found the JMU program to be a well-designed and robust assessment system that provides strong evidence, through teachers' portfolio work, of their achievement of the ISTE Standards for Teachers.