ISTE SEAL OF ALIGNMENT REVIEW FINDINGS REPORT

ICDL International Computer Driving Licence

APRIL 2017
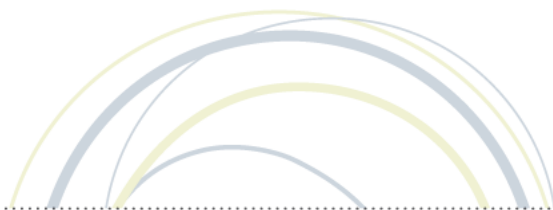
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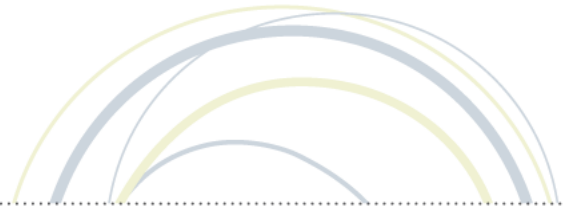
ABOUT

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 nourish 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 a solutions' 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 supports 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 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

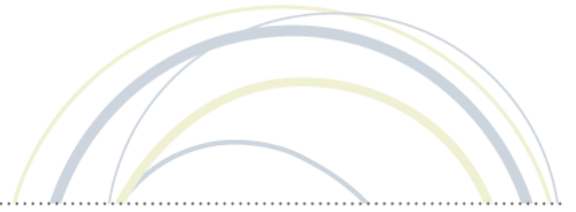## WHAT IS THE ICDL CERTIFICATION PROGRAM?
The ICDL Certification Program provides online learning and certification for participants on skills and competencies foundational to the successful use of computers and common computer applications. The certification program includes modules focused on a wide range of topics such as Computer Essentials, Word Processing, IT Security and Online Collaboration. Each module consists of a learning module and an exam. In the learning section, users acquire the necessary skills in order to prepare for the certification examination, and the exam demonstrates that the user has gained sufficient proficiency in the required areas.

Learning modules fall into three levels: Base, Intermediate, and Advanced. The Base modules address skills that are considered foundational for everyone to have; Intermediate modules address skills and knowledge that are more specific depending on a person's specific needs; and Advanced modules address skills that enable a person to become a "power-user" of specific applications.

HOW LONG DOES ICDL CERTIFICATION TAKE?
Each learning modules involves approximately 20-30 hours of participation and the exam lengths depend on the module level. Base and Intermediate module exams are 45 minutes in length, and Advanced modules are 60 minutes in length. Exams cover both conceptual knowledge as well as practical activities.

WHO IS ICDL CERTIFICATION FOR?
The ICDL Certification Program is for individuals who want to demonstrate their proficiency in foundational digital skills and knowledge and earn international certification.
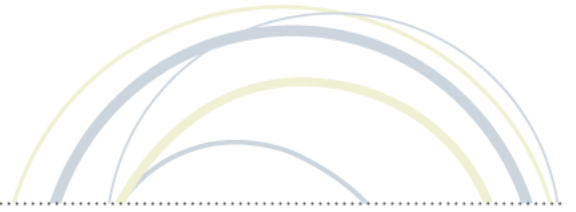
ISTE SEAL OF ALIGNMENT REVIEW

Product: ICDL Certification Program
Company: ECDL Foundation
Date of Award: April, 2017

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 through the review process 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 ICDL Certification Program materials were reviewed for alignment against the ISTE Standards for Students, at the Readiness level. Readiness level reviews examine how a resource instructs and/or assesses specific skills and knowledge that have been identified as foundational to the elements of the ISTE Standards.

The ICDL Certification Program was reviewed on its ability to:
- Measure foundational technology/digital skills
- Address specific skills and knowledge in ways described by the indicators of ISTE Standards for Students

SCOPE OF REVIEW

Learning modules and associated exams were reviewed across 18 topics organized into three categories:
- **Base**: Word Processing, Spreadsheets, Computer Essentials and Online Essentials.
- **Intermediate**: IT Security, Presentation, Using Databases, Web Editing, 2D CAD, Project Planning, Online Collaboration, Image Editing, ICT in Education and ICT Computing (a draft version).
- **Advanced**: Advanced Presentation, Advanced Spreadsheets, Advanced Word Processing, and Advanced Database.

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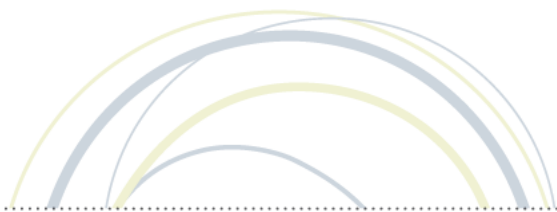
ISTE reviewed the syllabi of the learning modules and sample exams for each of the eighteen topics. Materials included test questions for both knowledge and skills-based items, work files for the performance items, the marking scheme which showed answers to the questions, the weighting factor for each question, and the threshold for passing an exam. Additional information provided about the testing-taking process and environment was also reviewed.

Reviewer first determined the alignment between the learning syllabi and the ISTE Standards for Students (2016), followed by an analysis of the correlation between the syllabi and the testing materials and process. Because each exam is represented by multiple "streams" or sets of questions (ranging from four to eight streams for each of the eighteen modules), a sampling process was used to determine how the tests correlated to the syllabi. Once adequate correlation was verified through sampling for each indicator, the process was repeated for each additional indicator. Reviewers gave particular attention to the contribution of the performance items in the exams as they were most helpful in correlating the tests to the largely skills oriented standards and indicators of the ISTE Standards for Students.

REVIEW FINDINGS

Overall, the ICDL Certification Program was found to align all indicators across all seven standards of the ISTE Standards for Students (2016).
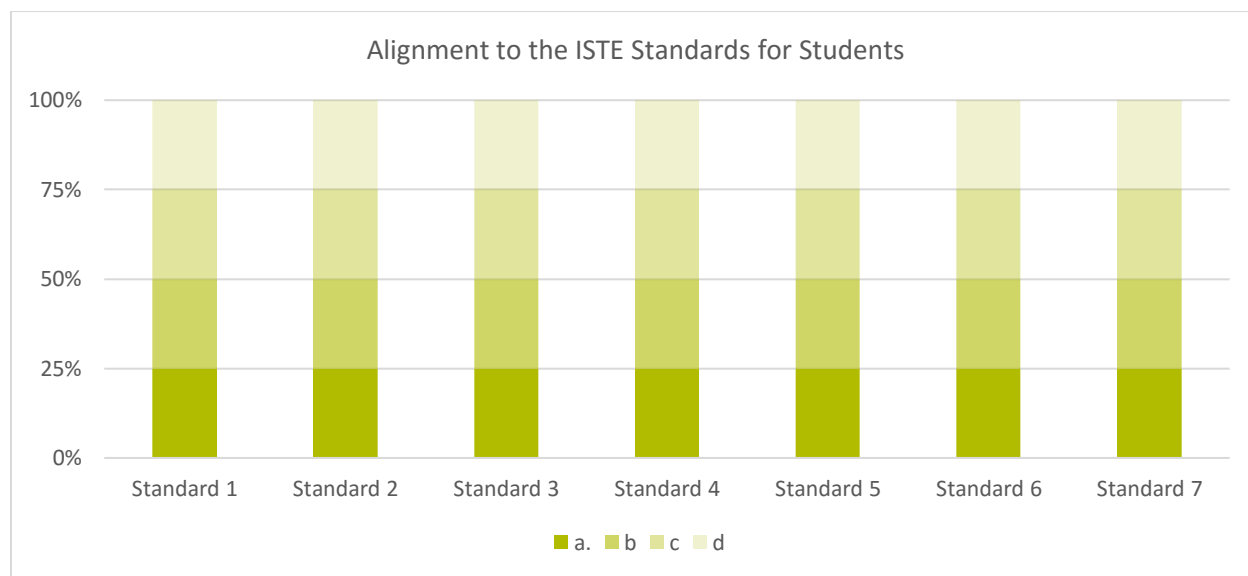
Across the 18 modules of the ICDL Certification Program, ISTE found alignment to all 28 indicators of the ISTE Standards for Students (2016). Reviewers found that the modules were

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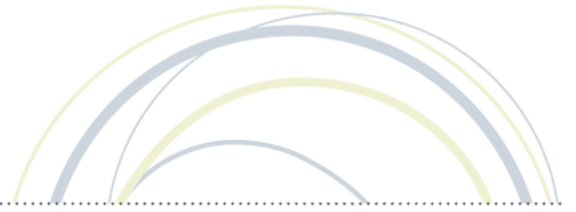
impressive for both the scope and depth of the foundational knowledge and skills they addressed related to the 2016 ISTE Standards for Students, and by participating in this program educators can learn valuable information on the foundational digital skills and knowledge they or their students possess.