

2015-2016 BOARD OF EDUCATION APPROVED INFORMATION TECHNOLOGY (IT) CREDENTIALS

Authority: *Code of Virginia §22.1-253.13:4; 8 VAC 20-131-50.B.2*

A student must earn a Board-approved career and technical education credential to graduate with a Standard Diploma, beginning with students entering ninth grade for the first time in 2013-2014. Any one of the following certifications, licensure examinations, or occupational competency assessments will satisfy the Standard Diploma requirement for graduation.

Source: The Information Technology credentialing list below is derived from the 2015-2016 Board of Education Approved Industry Certifications, Occupational Competency Assessments, and Professional Licenses (Approved April 23, 2015)

NAME OF CREDENTIAL	ISSUING ORGANIZATION	COURSE TITLE/SCED CODE *
3D Visualization & Animation Examination	SkillsUSA	Communication Systems (11002) Design, Multimedia, and Web Technologies (10203) Digital Visualization (11153) Graphic Communications Systems (11155)
A+ Certification Examinations (Pass any one exam from 2009 certification program)	CompTIA	Computer Network Software Operations (10109) Computer Systems Technology (10002)
AAPC Medical Coding Program Examinations (Pass any one exam)	AAPC	Medical Systems Administration (14153) New Health & Medical Sciences courses will be available 2016-2017
Adobe Certified Associate Examinations (Pass any one exam)	Adobe Systems Incorporated	Advertising Design (05163) Communication Systems (11002) Digital Visualization (11153) Graphic Communications Systems (11155) Graphic Imaging Technology (11154)
Agribusiness Examination	New York State Department of Education (Cornell University)	Agricultural Business Fundamentals, Management, and Operations (18201) Economics and Personal Finance (22210) Personal Finance (22210)
Apple Pro Certification Program Examinations (Pass any one exam)	Apple, Inc.	Design, Multimedia, and Web Technologies (10203) Television and Media Production (11103)
Brainbench Desktop Publishing Certification Tests (Pass any one test)	Brainbench	Advertising Design (05163) Communication Systems (11002) Design, Multimedia, and Web Technologies (10203) Graphic Communications Systems (11155) Graphic Imaging Technology (11154)

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Brainbench Network Administration Certification Tests (Pass any one test)	Brainbench	Computer Network Software Operations (10109) Computer Networking Hardware Operations (10101) Computer Systems Technology (10002)
Brainbench Software Development Certification Tests (Pass any one test)	Brainbench	Database Design and Management (Oracle), Advanced (10055) Design, Multimedia, and Web Technologies (10203) Programming (10152)
Brainbench Systems Administration Certification Tests (Pass any one test)	Brainbench	Computer Network Software Operations (10109) Computer Systems Technology (10002)
Brainbench Technical Support Certification Tests (Pass any one test)	Brainbench	Computer Network Software Operations (10109) Computer Networking Hardware Operations (10101) Computer Systems Technology (10002)
Brainbench Web Administration Certification Tests (Pass any one test)	Brainbench	Database Design and Management (Oracle), Advanced (10055) Design, Multimedia, and Web Technologies (10203)
Brainbench Web Design and Development Certification Tests (Pass any one test)	Brainbench	Design, Multimedia, and Web Technologies (10203)
Business Information Processing Assessment	National Occupational Competency Testing Institute (NOCTI)	Computer Network Software Operations (10109) Computer Networking Hardware Operations (10101) Computer Systems Technology (10002) Information Technology (IT) Fundamentals (10254)
Certified Electronic Health Record Specialist (CEHRS) Examination	National Healthcareer Association	Medical Systems Administration (14153)

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Certified Internet Web (CIW) Professional Examinations (Pass any one exam)	ProsoftTraining	Computer Network Software Operations (10109) Database Design and Management (Oracle), Advanced (10055) Database Design and Management with PL/SQL (Oracle) (10053) Programming (10152)
Certified Novell Administrator (CNA) Examination	Novell	Computer Network Software Operations (10109)
CISCO CCNA Academy End-of-Course Examinations (Pass any two end-of-course exams, Levels 1-4)	CISCO Systems	Computer Networking Hardware Operations (10101)
CISCO Certified Networking Associate Examinations (Pass any one exam)	CISCO Systems	Computer Networking Hardware Operations (10101)
Cisco Certified Entry Network Technician (CCENT) Examination	Cisco Systems	Computer Network Software Operations (10109) Computer Networking Hardware Operations (10101) Computer Systems Technology (10002)
CompTIA Strata Fundamentals of IT Technology Certification Examination	Certiport	Computer Network Software Operations (10109) Computer Systems Technology (10002)
Computer Networking Fundamentals Assessment	National Occupational Competency Testing Institute (NOCTI)	Computer Network Software Operations(10109) Computer Networking Hardware Operations (10101) Computer Systems Technology (10002)
Computer Programming Assessment	National Occupational Competency Testing Institute (NOCTI)	Database Design and Management (Oracle) (10052) Design, Multimedia, and Web Technologies (10203) Programming (10152)

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Internet and Computing Core Certification (IC3) transitioning to Global Standard 4 (GS4) Examination	Certiport	Accounting (12104) Business Individualized Program (Development) (62999) Business Law (12054) Business Management (12052) Computer Applications(10004) Computer Information Systems (10005) Computer Network Software Operations (10109) Computer Systems Technology (10002) Database Design and Management (Oracle) (10052) Database Design and Management (Oracle), Advanced (10055) Database Design and Management with PL/SQL (Oracle) (10053) Design, Multimedia, and Web Technologies (10203) Economics and Personal Finance (22210) Information Technology (IT) Fundamentals (10254) Legal Systems Administration (12008) Medical Systems Administration (14153) Office Administration (12003) Office Specialist--Preparation (12004) Programming (10152) Word Processing (12006)
Health Informatics Assessment	National Occupational Competency Testing Institute (NOCTI)	Medical Systems Administration (14153) Nurse Aide (14051)
Interactive Media Assessment	National Occupational Competency Testing Institute (NOCTI)	Computer Information Systems (10005) Design, Multimedia, and Web Technologies (10203)
Internetworking Examination	SkillsUSA	Computer Network Software Operations (10109) Computer Networking Hardware Operations (10101)
Intuit QuickBooks Certification Examination	Certiport	Accounting (12104)
Medical Coding and Billing Specialist (MCBS) Examination	American Allied Health	New Health & Medical Sciences courses will be available 2016-2017

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Microsoft Certified Professional Examinations (Pass any one exam)	Microsoft	Computer Network Software Operations (10109) Programming (10152)
Microsoft Office Specialist (MOS) Examinations (Pass any one exam)	Microsoft	Computer Applications (10004) Computer Information Systems (10005) Computer Network Software Operations (10109) Computer Networking Hardware Operations (10101) Computer Systems Technology (10002) Database Design and Management (Oracle) (10052) Database Design and Management (Oracle), Advanced (10055) Database Design and Management with PL/SQL (Oracle) (10053) Design, Multimedia, and Web Technologies (10203) Information Technology (IT) Fundamentals (10254) International Baccalaureate Information Technology in a Global Society (10007) Keyboarding Applications (12005) Legal Systems Administration (12008) Medical Systems Administration (14153) Office Administration (12003) Office Specialist--Preparation (12004) Word Processing (12006)
Microsoft Technology Associate (MTA) Program Examinations (Pass any one exam)	Microsoft	Computer Network Software Operations (10109) Computer Networking Hardware Operations (10101) Computer Systems Technology (10002) International Baccalaureate Information Technology in a Global Society (10007)
National Certified Insurance and Coding Specialist (NCICS) Examination	National Center for Competency Testing (NCCT)	New Health & Medical Sciences courses will be available 2016-2017
Network+ Certification Examination	CompTIA	Computer Network Software Operations (10109) Computer Networking Hardware Operations (10101)

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Network Pro Certification Assessment	Test Out Corporation	Computer Network Software Operations (10109) Information Technology (IT) Fundamentals (10254) International Baccalaureate Information Technology in a Global Society (10007)
Oracle Certification Program Examinations (Pass any one exam)	Oracle Corporation	Database Design and Management (Oracle) (10052) Database Design and Management (Oracle), Advanced (10055) Database Design and Management with PL/SQL (Oracle) (10053)
PC Pro Certification Assessment	Test Out Corporation	Computer Network Software Operations (10109) Information Technology (IT) Fundamentals (10254) International Baccalaureate Information Technology in a Global Society (10007)
Robotics and Automation Technology Examination	SkillsUSA	Technology of Robotic Design (99010)
Security+ Certification Examination	CompTIA	Computer Network Software Operations (10109) Computer Networking Hardware Operations (10101) Computer Systems Technology (10002)
Security Pro Certification Assessment	Test Out Corporation	Computer Network Software Operations (10109) Information Technology (IT) Fundamentals (10254) International Baccalaureate Information Technology in a Global Society (10007)
Spatial Projects And Community Exchange (SPACE) Examination	Digital Quest, Inc.	Geospatial Technology (21056)
STARS Certification Examination	Digital Quest, Inc.	Geospatial Technology (21056)
Web Design Assessment	National Occupational Competency Testing Institute (NOCTI)	Design, Multimedia, and Web Technologies (10203)

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