Department-Approved Pathway Assessments in Career and Technical Education
(Updated December 30, 2016)

Students who are otherwise eligible to receive a high school diploma in June 2015 and thereafter must take and pass four required Regents Exams or Department-approved alternative assessments (one in each of the following subjects: English, math, science, and social studies) and either pass a comparably rigorous assessment for a fifth required exam, or in lieu of a fifth exam, complete the requirements to earn the CDOS Commencement Credential. Students may meet the fifth assessment required for graduation by passing a Department-Approved Pathway Assessment in Career and Technical Education (CTE) following successful completion of a CTE program[i] approved pursuant to §100.5(d)(6) of Commissioner's regulations. The following assessments and cut score requirements have been approved for use as Department-Approved Pathway Assessments in CTE. If you notice that any assessment cut scores or versions have been updated since the posting of this document, please email emscgradreq@nysed.gov.

Assessment	Description	Cut Score Required
A+ Certification (tests CompTIA 220-801 and CompTIA 220-802)	CompTIA A+ certification proves competence in a technician's ability to perform essential IT tasks such as installation, configuration, diagnosing, preventative maintenance, basic networking and security. It also confirms a technician's understanding of customer service and communication skills needed to work with clients. CompTIA was created by a consortium of IT corporations including Microsoft, HP, Cisco, Dell, and Intel to certify technicians. Sponsored by CompTIA: http://certification.comptia.org/getCertified/certifications/a.aspx	CompTIA 220-801: 675 (on a scale of 100-900). CompTIA 220-802: 700 (on a scale of 100-900). Student must pass both exams at the above cuts to count as a single Regents Equivalent.
Accounting – Basic (Test Code 4000)	This test is designed for program completers and entry-level employees in the accounting/bookkeeping field, measuring knowledge and skills in such topics as general accounting knowledge, journalizing, posting, payroll preparation, cash and banking procedures, merchandise inventory, completion of accounting cycle, identification and application of source data, use of mechanical and electronic accounting devices, and data security. Sponsored by NOCTI: www.nocti.org	Written: 47.7 scale score points. Performance: 84.0 scale score points. Student must pass both exams at the above cuts to count as a single Regents Equivalent.
Advertising and Design (Test Code 4119)	This test is designed for program completers and entry-level employees in the advertising and design field, measuring knowledge and skills in such topics as design theory and application, color theory and application, drawing and digital illustration, photography, typography, multimedia, digital image manipulation, production and printing, computer literacy, and communication skills. Sponsored by NOCTI: www.nocti.org	Written: 50.1 scale score points. Performance: 86.2 scale score points. Student must pass both exams at the above cuts to count as a single Regents Equivalent.

Assessment	Description	Cut Score Required
Advertising Design	Based on industry standards for advertising design courses of study at the secondary and postsecondary levels. Sponsored by SkillsUSA in partnership with the Graphic Arts Education and Research Foundation's PrintEd program: http://www.workforcereadysystem.org/	Student must pass the Advertising Design test with a score of at least 70%.
Agricultural Mechanics (Test Code 2102)	This test is designed for program completers and entry-level employees in the agricultural mechanics field, measuring knowledge and skills in such topics as general safety, welding and mechanics, power and machinery, electrical power and process, agricultural structures, agribusiness, and environmental and natural resource systems. Sponsored by NOCTI: www.nocti.org	Written: 47.1 scale score points. Performance: 85.3 scale score points. Student must pass both exams at the above cuts to count as a single Regents Equivalent.
ASE Maintenance and Light Repair (Student Certification)	The National Institute for Automotive Service Excellence (ASE) administers the examination to qualify automotive technicians. Sponsored by the National Institute for Automotive Service Excellent (ASE) in partnership with Automotive Youth Education Systems (AYES), ASE-NATEF, and SkillsUSA: http://www.asestudentcertification.com/	Student must achieve "Passing" score on the exam.
A*S*K Business Fundamentals	This examination was developed by the Assessment of Skills and Knowledge for Business Institute with technical assistance from NOCTI to measure the requisite skills and knowledge required for career success in business. Sponsored by the Assessment of Skills and Knowledge for Business Institute (A*S*K): http://www.askinstitute.org/	Student must pass at the "Certified High Achiever" level (i.e., 70% cut score).
A*S*K Marketing Fundamentals	This examination was developed by the Assessment of Skills and Knowledge for Business Institute with technical assistance from NOCTI to measure the requisite skills and knowledge required for career success in marketing. Sponsored by the Assessment of Skills and Knowledge for Business Institute (A*S*K): http://www.askinstitute.org/	Student must pass at the "Certified High Achiever" level (i.e., 70% cut score).
Collision Repair (Test Code 4106)	This test is designed for program completers and entry-level employees in the collision repair field, measuring knowledge and skills in such topics as safety, business fundamentals, MIG/GMAW and STRSW, structural, non-structural, and mechanical electrical systems. Sponsored by NOCTI: www.nocti.org	Written 64.5 scale score points. Performance: 79.0 scale score points. Student must pass both exams at the above cuts to count as a single Regents Equivalent.

Assessment	Description	Cut Score Required
Commercial Foods (Test Code 4020)	This test is designed for program completers and entry-level employees in the commercial foods field, measuring knowledge and skills in such topics as safety, sanitation, culinary career overview, culinary techniques, recipes and culinary math, purchasing and management skills, menu design and nutrition, customer and table service, and culinary equipment. Sponsored by NOCTI: www.nocti.org	Written 46.2 scale score points. Performance: 82.2 scale score points. Student must pass both exams at the above cuts to count as a single Regents Equivalent.
Computer Aided Drawing (CAD) (Test Code 4973)	This test is designed for program completers and entry-level employees in the computer aided drawing field, measuring knowledge and skills in such topics as identifying hardware and operating systems, using hardware and operating systems, interpreting and reading blueprints, creating and manipulating mechanical drawing information, drawing and designing assemblies, and using 3-D modeling. Sponsored by NOCTI: www.nocti.org	Written: 53.1 scale score points. Performance: 84.1 scale score points. Student must pass both exams at the above cuts to count as a single Regents Equivalent.
Conservation (Test Code 7426)	This test is designed for program completers and entry-level employees in the conservation field, measuring knowledge and skills in such topics as forestry, surveying, equipment operation, fish and wildlife, and outdoor recreation. Sponsored by NOCTI: www.nocti.org	Written: 59.4 scale score points. Performance: 70.3 scale score points. Student must pass both exams at the above cuts to count as a single Regents Equivalent.
Core: Introductory Craft Skills (V2)	This assessment covers all of the competencies and objectives of NCCER's Core Curriculum: Introductory Craft Skills. Sponsored by the National Center for Construction Education and Research (NCCER): http://www.nccer.org/training-and-certifications	Students must achieve the cut score of 66%.
Criminal Justice/CSI	Based on industry standards for criminal justice courses of study at the secondary and postsecondary levels. Sponsored by SkillsUSA: http://www.workforcereadysystem.org/	Student must pass the Criminal Justice test with a score of at least 60%.

Assessment	Description	Cut Score Required
Criminal Justice (Test Code 4181)	This test is designed for program completers and entry-level employees in the criminal justice field, measuring knowledge and skills in such topics as crime scene management, use of force, criminal law and procedures, health issues, police concepts and skills, corrections: concepts and skills, court system, communication, security: national, international, and private, and understanding and working with special populations. Sponsored by NOCTI: www.nocti.org	Written 52.0 scale score points. Performance: 79.9 scale score points. Student must pass both exams at the above cuts to count as a single Regents Equivalent.
Early Childhood Education and Care- Basic (Test Code 4016)	This test is designed for program completers and entry-level employees in the early childhood education and care field, measuring knowledge and skills in such topics as health and safety, cognitive development, language development and communication, physical development, social and emotional development, community and family relationships, observation, documentation, and assessment professionalism, classroom organization and arrangement, creativity, diversity in the classroom, inclusion of children with special needs, and positive guidance techniques and reinforcement. Sponsored by NOCTI: www.nocti.org	Written 51.9 scale score points. Performance: 79.9 scale score points. Student must pass both exams at the above cuts to count as a single Regents Equivalent.
Electrical Construction Wiring (Residential Wiring)	Based on industry standards for electrical construction wiring courses of study at the secondary and postsecondary levels. Sponsored by SkillsUSA: http://www.workforcereadysystem.org/	Student must pass the Electrical Construction Wiring test with a score of at least 60%.
Hospitality Management – Food and Beverage (Test Code 3079)	This test is designed for program completers and entry-level employees in the hotel management field, measuring knowledge and skills in such topics as understanding of the hospitality industry, guest relations and concierge duties, opening and settling financial transactions, safety and security, legal and ethical responsibilities, marketing and sales, travel and tourism, hotel restaurant management, and food and beverage service. Sponsored by NOCTI: www.nocti.org	Written: 44.7 scale score points. Performance: 83.9 scale score points. Student must pass both exams at the above cuts to count as a single Regents Equivalent.

Assessment	Description	Cut Score Required
Medical Assisting (Test Code 4355)	This test is designed for program completers and entry-level employees in the medical assisting field, measuring knowledge and skills in such topics as medical office procedures, general laboratory procedures and diagnostic testing, clinical practices, patient instruction, and foundations for healthcare. Sponsored by NOCTI: www.nocti.org	Written 55.0 scale score points. Performance: 87.8 scale score points. Student must pass both exams at the above cuts to count as a single Regents Equivalent.
National Institute for Metalworking Skills (NIMS) Credential Exams	The NIMS credentials are the metalworking industry's only skills certificates that are based on national standards developed under procedures accredited by the American National Standards Institute. The NIMS credential is used by the industry to recruit, hire, place and promote. Firms use the credentials to identify skilled candidates at all levels of employment. Sponsored by the National Institute of Metal Working (NIMS): https://www.nims-skills.org/web/nims/home	Student must achieve a passing score on all performance requirements and theory tests for all seven of the following Machining Level 1 exams: (1) Measurement, Materials & Safety; (2) Job Planning, Benchwork & Layout; (3) Manual Milling Skills I; (4) Turning Operations: Turning Between Centers; (5) Turning Operations, Turning Chucking Skills; (6) Grinding Skills I; AND (7) Drill Press Skills I.
Network+ Certification (test N10-005 or N10-006)	CompTIA Network+ certification proves competence in a technician's ability to perform essential IT tasks that cover network technologies, installation and configuration, media and topologies, management, and security. Sponsored by CompTIA: http://certification.comptia.org/getCertified/certifications/network.aspx	Score of 720 (on a scale of 100-900) for either version N10-005 or N10-006.

Assessment	Description	Cut Score Required
Precision Machining (Test Code 4152)	This test is designed for program completers and entry-level employees in the precision machining field, measuring knowledge and skills in such topics as organization and shop practices, measurement/inspection, metallurgical processes and heat treating, blueprint interpretation and process planning, layout and benchwork, band saw machines, lathes, milling machines, surface grinder, and computer numerical control programming, preparation, operations. Sponsored by NOCTI: www.nocti.org	Written 45.9 scale score points. Performance: 81.4 scale score points. Student must pass both exams at the above cuts to count as a single Regents Equivalent.
Pre-engineering (Test Code 2475)	This test is designed for program completers and entry-level employees in the pre-engineering field, measuring knowledge and skills in such topics as an overview of engineering, design process/problem solving, manufacturing, assembly and fabrication, materials, communication and teamwork, safety, and engineering systems. Sponsored by NOCTI: www.nocti.org	Written: 50.1 scale score points. Performance: 81.9 scale score points. Student must pass both exams at the above cuts to count as a single Regents Equivalent.
PrintED / SkillsUSA Graphic Communications	Based on industry standards for graphic communications courses of study at the secondary and postsecondary levels. Sponsored by the Graphic Arts Education and Research Foundation's PrintED program in cooperation with SkillsUSA: http://www.workforcereadysystem.org/	Student must pass the Graphic Communications test with a score of at least 65%.
Certified Production Technician Sequence	This sequence addresses the core technical competencies of higher skilled production workers in all sectors of manufacturing. Sponsored by MSSC: http://www.msscusa.org/about-mssc/	Safety (76.0%) plus one of three other modules- Maintenance Awareness (73%), Manufacturing Processes (74%), or Quality Practices and Measurement (75%) Student must pass both the Safety module and one of the three other modules at the above cuts to count as a single Regents Equivalent.

Assessment	Description	Cut Score Required
ProStart National Certificate of Achievement	The ProStart® curriculum has been developed with national and local support from industry members, educators, the National Restaurant Association Educational Foundation (NRAEF) and state restaurant association partners to help students start careers in the hospitality industry. Sponsored by the National Restaurant Association's Education Foundation: http://www.nraef.org/Educators/Prostart Qualters Practical Assessment sponsored by the New York State Restaurant Association: http://www.nysra.org/?page=Qualters	Student must pass the Level 1 (score of 70%) and Level 2 (score of 70%) and the Qualters Practical Assessment.
Small Engine Technology (Test Code 4168)	This test is designed for program completers and entry-level employees in the small engine technology field, measuring knowledge and skills in such topics as safety, general shop practices, maintenance, lubrication systems, fuel systems, carburetor fundamentals, governor, ignition, starters and alternators, engine assembly, troubleshooting, as well as cylinder head, valve service, and maintenance. Sponsored by NOCTI: www.nocti.org	Written: 52.8 scale score points. Performance: 83.2 scale score points. Student must pass both exams at the above cuts to count as a single Regents Equivalent.
Student Electronics Technician (SET) Certification	The SET Certification was developed for high school students and entry-level technicians. Sponsored by the Electronics Technicians Association, International (ETA-I) in partnership with NOCTI: http://www.nocti.org/CertificateProgram-ETA.cfm http://www.eta-i.org/electronics.html	75% on Written Section (the score necessary to receive a SET certification and digital badges issues by ETA-I).
Television Production (Test Code 3427)	This test is designed for program completers and entry-level employees in the television production field, measuring knowledge and skills in such topics as safety, pre-production, production, post-production, ethics, communications, and general field knowledge. Sponsored by NOCTI: www.nocti.org	Written 59.7 scale score points. Performance: 72.1 scale score points. Student must pass both exams at the above cuts to count as a single Regents Equivalent.

Assessment	Description	Cut Score Required
Welding (Test Code 4172)	This test is designed for program completers and entry-level employees in the welding field, measuring knowledge and skills in such topics as safety, welding symbols and blueprint reading, oxyfuel cutting, arc cutting process (carbon arc and plasma arc), physical characteristics and mechanical properties of metals, weld fit-up and quality shielded metal arc welding, gas metal arc welding, and flux cored arc welding, and gas tungsten arc welding. Sponsored by NOCTI: www.nocti.org	Written: 52.0 scale score points. Performance: 84.7 scale score points. Student must pass both exams at the above cuts to count as a single Regents Equivalent.

Update log:
5/12/2016 – Criteria updated ProStart National Certificate of Achievement
6/13/2016 – Cut score updated for Core: Introductory Craft Skills (V2)
12/30/2016 – Cut scores updated for Advertising and Design, Criminal Justice, Medical Assisting, Precision Machining, Small Engine Technology

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[i] Requirements of an approved CTE program including the three-part technical assessment may be found in the Implementation Guide at http://www.p12.nysed.gov/cte/ctepolicy/