

FISCAL YEAR 2015-16

Technical Skill Assessments Approved for Measuring Technical Skill Attainment for Career and Technology Education (CATE) Program Completers

Purpose and Use

South Carolina's State Plan for the federal Perkins Act of 2006 (Perkins IV) requires the state to use technical skill assessments aligned with industry recognized standards, if available and appropriate, to measure technical skill attainment under Perkins Indicator 2S1. The Office of Career and Technology Education (OCTE) supports the use of valid and reliable technical skill assessments for Indicator 2S1 and reports annually on the state's progress in this area. Significant effort and funding have been focused on increasing the number of students taking approved assessments and in identifying providers of technical skill assessments that can deliver reliable and usable data on a statewide basis.

Over 50 technical skill assessments are currently approved by the OCTE for use in CATE programs. Due to persistent challenges in matching student data in PowerSchool with assessment results at the state level, the only technical skill assessment that has been used to measure performance for Perkins Indicator 2S1—Technical Skill Attainment is the National Health Science Assessment for Health Science completers, in combination with CATE GPA for all other CATE program completers. This combined measurement approach will be applied for the Health Science cluster in 2015–16, as described below.

The OCTE has determined that four courses in the Health Science cluster are better aligned with the career and technical skill proficiencies assessed on the National Health Science Assessment (NHSA) than others. In order to ensure that the technical skill assessment South Carolina uses to measure performance on Perkins Indicator 2S1 is fair and appropriate for this purpose, only Health Science completers (students earning a minimum of 4 units in Health Science courses) who earned at least 2 units in the following courses are required to take the NHSA. The identified courses are Health Science 1 (5550), Health Science 2 (5551), Health Science 3 (5552), and Health Science Clinical Study (5560). Please note that *any* completer reported using a CIP code in the Health Science cluster may take the test. All NHSA results that match end-of-year completer data in PowerSchool will be used to calculate performance on Perkins Indicator 2S1 for 2015–16; however, these results will not be used to measure technical skill attainment as reported for career centers on the Annual School Report Card.

Although gaps in statewide data hinder South Carolina's widespread use of technical skill assessments as a measure for Indicator 2S1, the OCTE continues to promote and facilitate the use of approved technical skill assessments for CATE completers. School districts and multi-district career centers may use Perkins funds under the CATE Local Plan to implement approved technical skill assessments for CATE completers. School districts and multi-district centers will report on the use of the NHSA and other approved technical skill assessments in the annual CATE progress report. The local incentives for assessing and documenting CATE student technical skill attainment are to improve instruction and student learning and to ensure program accountability for the uses of state and federal funding for CATE in South Carolina.

AGRICULTURE, FOOD, AND NATURAL RESOURCES

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	ASSESSMENT PROVIDER	OCTE PROGRAM CONTACT	COST OF STUDENT ASSESSMENT TO LEA
Agricultural Mechanics and Technology/ 010205	Agricultural Mechanics and Technology	Clemson University http://www.scaged.org/Career% 20Pathways/15- 16%20Assessment%20Testing/1 5_16%20Assessment.htm	Billy Keels 803-896-8873 wkeels@clemson.edu	N/A
Environmental and Natural Resources Management/ 030101	Environmental and Natural Resources Management	Clemson University http://www.scaged.org/Career% 20Pathways/15- 16%20Assessment%20Testing/1 5_16%20Assessment.htm	Billy Keels 803-896-8873 wkeels@clemson.edu	N/A
Horticulture/ 010601	Horticulture	Clemson University http://www.scaged.org/Career% 20Pathways/15- 16%20Assessment%20Testing/1 5_16%20Assessment.htm	Billy Keels 803-896-8873 wkeels@clemson.edu	N/A
Plant and Animal Systems/ 011101	Plant and Animal Systems	Clemson University http://www.scaged.org/Career% 20Pathways/15- 16%20Assessment%20Testing/1 5_16%20Assessment.htm	Billy Keels 803-896-8873 wkeels@clemson.edu	N/A

ARCHITECTURE AND CONSTRUCTION

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	ASSESSMENT PROVIDER	OCTE PROGRAM CONTACT	COST OF STUDENT ASSESSMENT TO LEA
Architectural/ Mechanical Design/ 151301	Architectural Design	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	B. T. Martin 803-734-3398 btmartin@ed.sc.gov	N/A
Architectural/ Mechanical Design/ 151301	Mechanical Design	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	B. T. Martin 803-734-3398 btmartin@ed.sc.gov	N/A
Building Construction Cluster/ 460000	Building Construction Cluster	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Steven Watterson 803-734-8267 SWatterson@ed.sc.gov	N/A
Cabinetmaking/ 480703	Cabinetmaking (NCCER Standardized End of Module Test, Core only)	Clarkson Professional Consulting/ Jackie Clarkson JClarkson6@aol.com	Steven Watterson 803-734-8267 SWatterson@ed.sc.gov	N/A
Carpentry/ 460201	Carpentry	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Steven Watterson 803-734-8267 SWatterson@ed.sc.gov	N/A
Electricity/ 460301	Electricity	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Steven Watterson 803-734-8267 SWatterson@ed.sc.gov	N/A
HVAC Technology/ 470201	HVAC Technology	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Steven Watterson 803-734-8267 SWatterson@ed.sc.gov	N/A
Masonry/ 460101	Masonry	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Steven Watterson 803-734-8267 SWatterson@ed.sc.gov	N/A

ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS CLUSTER

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	ASSESSMENT PROVIDER	OCTE PROGRAM CONTACT	COST OF STUDENT ASSESSMENT TO LEA
Fashion Design and Apparel Construction/ 500407	Fashion, Textiles, and Apparel	AAFCS/ www.aafcs.org/CredentialingCenter/PrePAC.asp	Eleanor Glover Gladney, PhD 803-734-3826 eglover@ed.sc.gov	\$20
Interior Design/ 500408	Interior Design Fundamentals	AAFCS/ www.aafcs.org/CredentialingCenter/PrePAC.asp	Eleanor Glover Gladney, PhD 803-734-3826 eglover@ed.sc.gov	\$20

BUSINESS MANAGEMENT AND ADMINISTRATION

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	ASSESSMENT PROVIDER	OCTE PROGRAM CONTACT	COST OF STUDENT ASSESSMENT TO LEA
Administrative Services/ 520401	Administrative Services	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Tony Dillon 803-734-7168 tdillon@ed.sc.gov	N/A
Business Information Management/ 521206	Business Information Management	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Tony Dillon 803-734-7168 tdillon@ed.sc.gov	N/A
General Management/ 520201	General Management	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Tony Dillon 803-734-7168 tdillon@ed.sc.gov	N/A
Operations Management/ 520204	Operations Management (pilot)	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Tony Dillon 803-734-7168 tdillon@ed.sc.gov	N/A

EDUCATION AND TRAINING

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	ASSESSMENT PROVIDER	OCTE PROGRAM CONTACT	COST OF STUDENT ASSESSMENT TO LEA
Early Childhood Education/ 131210	Early Childhood Education	AAFCS/ www.aafcs.org/CredentialingCenter/PrePAC.asp	Eleanor Glover Gladney, PhD 803-734-3826 eglover@ed.sc.gov	\$20
Introduction to Teaching/ 130101	Education Fundamentals	AAFCS/ www.aafcs.org/CredentialingCenter/PrePAC.asp	Eleanor Glover Gladney, PhD 803-734-3826 eglover@ed.sc.gov	\$20

FINANCE

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	ASSESSMENT PROVIDER	OCTE PROGRAM CONTACT	COST OF STUDENT ASSESSMENT TO LEA
Accounting/ 520301	Accounting	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Tony Dillon 803-734-7168 tdillon@ed.sc.gov	N/A
Business Finance/ 520804	Business Finance	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Tony Dillon 803-734-7168 tdillon@ed.sc.gov	N/A

HEALTH SCIENCE

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	ASSESSMENT PROVIDER	OCTE PROGRAM CONTACT	COST OF STUDENT ASSESSMENT TO LEA
Health Science/ 510000	National Health Science Assessment	Precision Exams http://www.precisionexams.com/nchse/welcome/	Angel Clark 803-734-0372 aclark@ed.sc.gov	N/A
Project Lead The Way Biomedical Sciences/ 260102	Human Body Systems	PLTW/ https://my.pltw.org	Angel Clark 803-734-0372 aclark@ed.sc.gov	N/A
Project Lead The Way Biomedical Sciences/ 260102	Medical Interventions	PLTW/ https://my.pltw.org	Angel Clark 803-734-0372 aclark@ed.sc.gov	N/A
Project Lead The Way Biomedical Sciences/ 260102	Principles of Biomedical Sciences	PLTW/ https://my.pltw.org	Angel Clark 803-734-0372 aclark@ed.sc.gov	N/A

HOSPITALITY AND TOURISM

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	ASSESSMENT PROVIDER	OCTE PROGRAM CONTACT	COST OF STUDENT ASSESSMENT TO LEA
Culinary Arts/ 520905	Culinary Arts (AAFCS)	AAFCS/ www.aafcs.org/CredentialingCenter/PrePAC.asp	Eleanor Glover Gladney, PhD 803-734-3826 eglover@ed.sc.gov	\$20
Culinary Arts/ 520905	ProStart, Level 2	South Carolina Restaurant and Lodging Association/ http://www.nraef.org/	Eleanor Glover Gladney, PhD 803-734-3826 eglover@ed.sc.gov	N/A

HOSPITALITY AND TOURISM continued

Hospitality Management and Operations/ 520904	Hospitality Tourism Management Program (HTMP) Year 2	American Hotel & Lodging Educational Institute/Shelly Weir sweir@ahla.com 407-999-8166	Eleanor Glover Gladney, PhD 803-734-3826 eglover@ed.sc.gov	N/A
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HUMAN SERVICES

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	ASSESSMENT PROVIDER	OCTE PROGRAM CONTACT	COST OF STUDENT ASSESSMENT TO LEA
Family and Consumer Sciences/ 190101	Broad Field FCS	AAFCS/ www.aafcs.org/CredentialingCenter/PrePAC.asp	Eleanor Glover Gladney, PhD 803-734-3826 eglover@ed.sc.gov	\$20
Family and Consumer Sciences/ 190101	Family and Community Services	AAFCS/ www.aafcs.org/CredentialingCenter/PrePAC.asp	Eleanor Glover Gladney, PhD 803-734-3826 eglover@ed.sc.gov	\$20
Family and Consumer Sciences/ 190101	Personal and Family Finance	AAFCS/ www.aafcs.org/CredentialingCenter/PrePAC.asp	Eleanor Glover Gladney, PhD 803-734-3826 eglover@ed.sc.gov	\$20
Family and Consumer Sciences/ 190101	Housing and Furnishings	AAFCS/ www.aafcs.org/CredentialingCenter/PrePAC.asp	Eleanor Glover Gladney, PhD 803-734-3826 eglover@ed.sc.gov	\$20
Family and Consumer Sciences/ 190101	Nutrition, Food, and Wellness	AAFCS/ www.aafcs.org/CredentialingCenter/PrePAC.asp	Eleanor Glover Gladney, PhD 803-734-3826 eglover@ed.sc.gov	\$20

INFORMATION TECHNOLOGY (IT)

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	ASSESSMENT PROVIDER	OCTE PROGRAM CONTACT	COST OF STUDENT ASSESSMENT TO LEA
Information Support and Services/ 151202	Information Support and Services	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Tony Dillon 803-734-7168 tdillon@ed.sc.gov	N/A
Networking Systems/ 110901	Networking Systems	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Tony Dillon 803-734-7168 tdillon@ed.sc.gov	N/A
Programming and Software Development/ 110201	Computer Programming with C++	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Tony Dillon 803-734-7168 tdillon@ed.sc.gov	N/A
Programming and Software Development/ 110201	Computer Programming with Visual Basic	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Tony Dillon 803-734-7168 tdillon@ed.sc.gov	N/A

MANUFACTURING

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	ASSESSMENT PROVIDER	OCTE PROGRAM CONTACT	COST OF STUDENT ASSESSMENT TO LEA
Welding Technology/ 480508	Welding	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Steven Watterson 803-734-8267 SWatterson@ed.sc.gov	N/A

MARKETING

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	ASSESSMENT PROVIDER	OCTE PROGRAM CONTACT	COST OF STUDENT ASSESSMENT TO LEA
Marketing Communications/ 090903	Marketing Communications	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Tony Dillon 803-734-7168 tdillon@ed.sc.gov	N/A
Marketing Management/ 521401	Marketing Management	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Tony Dillon 803-734-7168 tdillon@ed.sc.gov	N/A
Merchandising/ 521802	Merchandising	CTECS via E-SESS https://www.ctecs.org/south-carolina/south-carolina-overview	Tony Dillon 803-734-7168 tdillon@ed.sc.gov	N/A

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM)

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	ASSESSMENT PROVIDER	OCTE PROGRAM CONTACT	COST OF STUDENT ASSESSMENT TO LEA
Food Science and Dietetics/ 190501	Food Science Fundamentals	AAFCS/ www.aafcs.org/CredentialingCenter/PrePAC.asp	Eleanor Glover Gladney, PhD 803-734-3826 eglover@ed.sc.gov	\$20
Project Lead The Way/ 140101	Aerospace Engineering	PLTW/ https://my.pltw.org	B. T. Martin 803-734-3398 btmartin@ed.sc.gov	N/A
Project Lead The Way/ 140101	Biotechnical Engineering	PLTW/ https://my.pltw.org	B. T. Martin 803-734-3398 btmartin@ed.sc.gov	N/A
Project Lead The Way/ 140101	Civil Engineering and Architecture	PLTW/ https://my.pltw.org	B. T. Martin 803-734-3398 btmartin@ed.sc.gov	N/A

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM) continued

Project Lead The Way/ 140101	Computer Integrated Manufacturing	PLTW/ https://my.pltw.org	B. T. Martin 803-734-3398 btmartin@ed.sc.gov	N/A
Project Lead The Way/ 140101	Digital Electronics	PLTW/ https://my.pltw.org	B. T. Martin 803-734-3398 btmartin@ed.sc.gov	N/A
Project Lead The Way/ 140101	Introduction to Engineering	PLTW/ https://my.pltw.org	B. T. Martin 803-734-3398 btmartin@ed.sc.gov	N/A
Project Lead The Way/ 140101	Principles of Engineering	PLTW/ https://my.pltw.org	B. T. Martin 803-734-3398 btmartin@ed.sc.gov	N/A

TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

PROGRAM NAME/ CIP CODE	ASSESSMENT NAME	ASSESSMENT PROVIDER	OCTE PROGRAM CONTACT	COST OF STUDENT ASSESSMENT TO LEA
Automotive Collision Repair Technology/ 470603	Non-Structural Analysis/Damage Repair (ASE Student Certification)	Automotive Service Excellence (ASE) www.asestudentcertification.com	B. T. Martin 803-734-3398 btmartin@ed.sc.gov	N/A
Automotive Collision Repair Technology/ 470603	Painting and Refinishing (ASE Student Certification)	Automotive Service Excellence (ASE) www.asestudentcertification.com	B. T. Martin 803-734-3398 btmartin@ed.sc.gov	N/A
Automotive Technology/ 470604	Brakes (ASE Student Certification)	Automotive Service Excellence (ASE) www.asestudentcertification.com	B. T. Martin 803-734-3398 btmartin@ed.sc.gov	N/A
Automotive Technology/ 470604	Maintenance and Light Repair (MLR) (ASE Student Certification)	Automotive Service Excellence (ASE) www.asestudentcertification.com	B. T. Martin 803-734-3398 btmartin@ed.sc.gov	N/A