

Technical Skills Attainment

Request for Industry Recognized Credential (IRC) Status application is now available. This application must be submitted by a Missouri public school district or charter school administrator. It is permissible for school staff to consult with vendors to assure accuracy of information. Incomplete or nonresponsive applications will not be reviewed or approved.

The window for submitting a Request for Industry Recognized Credential (IRC) Status is March 4, 2014 through June 30, 2014. Schools will be notified of approval on or before October 1, 2014. Approved IRCs will be added to the Core Data code set for reporting at the end of the 2015-2016 school year. Please go to this link to submit your request: <https://www.surveymonkey.com/s/66RW6FX>

Technical Skill Attainment Assessments

Comparison Chart

Perkins IV TSA and MSIP5 IRC

Perkins TSA	MSIP5 IRC
Federal Reporting Requirement for Perkins recipients	Optional State reporting for Districts
Student must be a concentrator that completes an approved CTE program	Student does not have to be a concentrator or complete a CTE program
Reported in MOSIS	Reported in MOSIS
Does not require a certificate from industry after successfully completing the assessment	Requires a certificate from industry after successfully completing the assessment
100% of all students who are concentrators and complete an approved CTE program are required to take a TSA assessment	No requirement on the percentage of student who receive an IRC
Must be a career education student in an approved CTE program	For all students

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For all secondary and postsecondary students enrolled in an approved CTE program and a Perkins recipient Only secondary students

The information below indicates approved Technical Skill Attainment (TSA) assessments available for both Perkins TSA and MSIP5.

* Indicates the assessments that are temporarily on the MSIP IRC approved list until FY 2015. However, those assessments will continue to be available for Perkins TSA reporting.

MSIP5 Guidance Document

Division-Approved TSA Assessments
16 Career Clusters

Agriculture, Food and Natural Resources	Architecture and Construction	Arts, A/V Technology and Communications	Business, Management and Administration
Education and Training Services	Finance	Health Science	Hospitality and Tourism
Human Services	Information Technology	Law, Public Safety, Corrections and Security	Manufacturing
Marketing	Science, Technology, Engineering and Mathematics	Transportation, Distribution and Logistics	Government and Public Administration

Agriculture, Food and Natural Resources

Assessment	Perkins TSA	MSIP IRC
MO Agriculture Skill & Knowledge Assessment		
MOASK IRC Memo		

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MOASK Host Agreement Report

MOASK Approved Sites

Pathway to TSA & IRC Alignment

Agriculture Mechanics - NOCTI		
Agricultural Biotechnology - NOCTI		
Floricultural NOCTI		
Forest Products & Processing – NOCTI		
Horticulture - Landscaping option – NOCTI		
Horticulture - Olericulture and Pomology – NOCTI		
Production Agriculture – NOCTI		
Veterinary Assistant – Animal Care Technologies		

Architecture and Construction

Assessment	Perkins TSA	MSIP5 IRC
Air Conditioning Certification – HVAC Excellence		
Architectural Drafting – SkillsUSA		
AutoCAD – Brainbench		
Building Construction Occupations – NOCTI		
Building Trades Maintenance – NOCTI		
Cabinetmaking –NOCTI		
Cabinetmaking – WoodLINKS USA		
CAD - NOCTI		
Carpentry – NOCTI		*

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Carpentry – SkillsUSA		
Carpentry – PACT		
Construction – Ramsay Corporation		
Construction Masonry - Blocklaying option – NOCTI		
Construction Masonry - Bricklaying option – NOCTI		
Construction Masonry - Stone option – NOCTI		
Technical Drafting – NOCTI		 *
Drafting – SkillsUSA		
Housing – AAFCS		
HVAC – NOCTI		 *
HVAC/R – NOCTI		 *
HVAC/R – SkillsUSA		
Industrial Maintenance Mechanics – NOCTI		
Masonry – SkillsUSA		
NCCER		
Plumbing – NOCTI		
Plumbing – SkillsUSA		
Residential Wiring – SkillsUSA		
American Design Drafting Association- (ADDA)		

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Assessment	Perkins TSA	MSIP5 IRC
3-D Visualization and Animation – SkillsUSA	✓	
Advertising Design – SkillsUSA	✓	
Audio-Radio Production – SkillsUSA	✓	
Audio-Visual Communications – NOCTI	✓	
Broadcasting and Journalism – NOCTI	✓	
Fashion, Textiles and Apparel – AAFCS	✓	✓
Graphic Communications – SkillsUSA/PrintED	✓	✓
Graphic Production Technology – NOCTI	✓	
Housing – AAFCS	✓	✓
Performing Arts – NOCTI	✓	
Photography – SkillsUSA	✓	
Screen Printing Technology – SkillsUSA	✓	
Television Production – NOCTI	✓	
Television (Video) Production – SkillsUSA	✓	
Visual Arts – NOCTI	✓	
Visual Communication and Multimedia Design – NOCTI	✓	

Business , Management and Administration

Assessment	Perkins TSA	MSIP5 IRC
Certification for Legal Professionals – ALS	✓	✓
Fundamental Business Concepts – ASK Institute (cut score 70% 2012-2013 SY)	✓	✓

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- Missouri Business Management** – MBA Research (cut score 65% 2012-2013 SY) 
- Missouri Business Management and Entrepreneurship** – MBA Research (cut score 65% 2012-2013 SY) 
- Entrepreneurship** – MBA Research (cut score 65% 2011-2012 SY) 

See Administrative Memo [CCR-11-001](#) Regarding Important Testing Information

Education and Training Services

Assessment	Perkins TSA	MSIP5 IRC
Early Childhood Education – AAFCS		
Early Childhood Care and Education – NOCTI		 *
Education and Training – NOCTI		
Youth Development Credential		
Education Fundamentals – AAFCS		

Finance

Assessment	Perkins TSA	MSIP5 IRC
Accounting Basic – NOCTI		
Accounting Advanced – NOCTI – Post secondary Only		
ASK – (cut score 70% 2012-2013 SY)		
Finance - End of Program – MBA Research (cut score 65% 2012-2013 SY)		

See Administrative Memo [CCR-11-001](#) Regarding Important Testing Information

Health Science		
Assessment	Perkins TSA	MSIP5 IRC
1st Responder – National Registry of Emergency Medical Technicians (NREMT)	✓	
Associate Degree Nursing (ADN) – MO Division of Professional Registration	✓	
Certified Dental Assistant, Infection Control Exam (ICE) – Dental Assisting National Board, Inc.	✓	✓
Certified Dental Assistant, Radiation Health & Safety Exam (RHS) – Dental Assisting National Board, Inc.	✓	✓
Certified Nurse Aide (CNA) – Missouri Department of Health and Senior Services	✓	✓
Dental Assistant - MO - EFDA	✓	
Dental Assisting – NOCTI	✓	
Dental Assisting – SkillsUSA	✓	
Dental Hygienists – MO Division of Professional Registration	✓	
Dental Lab Technology – NOCTI	✓	
EMT-Basic – Brainbench	✓	
EMT-Basic – NREMT	✓	✓
Health Assisting – NOCTI	✓	
Home Health Aide – NOCTI	✓	
Lab/Pharmacy Tech (Secondary Only) – PassAssured	✓	
Medical Assisting – NOCTI	✓	

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Medical Assisting – SkillsUSA		
National Health Care Foundation Skill Standard Assessment – National Consortium on Health Science and Technology Ed.		*
Nursing Assisting – NOCTI		
Nurse Assisting – SkillsUSA		
Nutrition – AAFCS		
Practical Nursing – MO Division of Professional Registration		
Practical Nursing – NOCTI		
Practical Nursing – SkillsUSA		
Pharmacy technicians – Institute for the Certification of Pharmacy Technicians		
Radiology Technologists – American Registry of Radiologic Technologists		
Respiratory Therapist – National Board for Respiratory Care		
Surgical Technologists – National Board of Surgical Technology and Surgical Assisting		

Hospitality and Tourism

Assessment	Perkins	MSIP5
	TSA	IRC
American Culinary Federation - ACF		
ACF Certification Assessment – NOCTI		
American Hotel and Lodging Association (AH&LA)		
Commercial Baking – SkillsUSA		

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Commercial Foods – NOCTI		
Culinary Arts – AAFCS		
Culinary Arts – SkillsUSA		
Culinary Arts I: Prep Cook – NOCTI		*
Culinary Arts II: Cook – NOCTI		*
Hospitality Mgmt: Food & Beverage Option – NOCTI		
Hospitality Mgmt: Lodging Option – NOCTI		
ProStart Program – National Restaurant Association Education Foundation		
Restaurant, Food and Beverage Services – NOCTI		
Retail Commercial Baking – NOCTI		
Travel and Tourism – NOCTI		

Human Services

Assessment	Perkins TSA	MSIP5 IRC
Apparel & Textile Production & Merchandising – NOCTI		
Broad Field Family and Consumer Sciences – AAFCS		
Child Development Associate (CDA)		
Cosmetology – MO Division of Professional Registration		
Cosmetology – SkillsUSA		
Cosmetology – NOCTI		*
Early Childhood Care and Education – NOCTI		*
Early Childhood Education – AAFCS		

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Family and Community Services – AAFCS		
Fashion, Textiles, and Apparel – AAFCS		
Food Science – AAFCS		
Interior Decorating and Design – NOCTI		
Interior Design Fundamentals – AAFCS		
Massage Therapists – MO Division of Professional Registration		
Nail Care – NOCTI		
Nail Care – SkillsUSA		*
Nutrition – AAFCS		

Information Technology

Assessment	Perkins	MSIP5
	TSA	IRC
Cisco Certified Network Association (CCNA) Final Exam – Cisco Networking Academy		*
Cisco CCNA Discovery Final Exam – Cisco Networking Academy		*
Cisco CCNP Final Exam – Cisco Networking Academy		*
Cisco I.T. Essentials Final Exam – Cisco Networking Academy		*
Cisco CCNA Exploration Final Exam – Cisco Networking Academy		*
Certified Internet Web Professional – CIW		
Computer Maintenance Technology – SkillsUSA		
Adobe Certified Specialist		

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CompTIA A+ Certification		
CompTIA Security		
CompTIA Network+		
CompTIA Strata		
Cisco Certified Entry level Network Technician (CCENT)		
Cisco Certified Networking Associate Security (CCNA Security)		
Microsoft MTA		
Computer Maintenance and Networking – TestOut		
Computer Networking – NOCTI		
Computer Programming – NOCTI		
Computer Repair Technology – NOCTI		
Internetworking – SkillsUSA		
*Missouri IT Exam, Sequence 1 (50% Computer Applications; 50% Business Technology) – NOCTI		
*Missouri IT Exam, Sequence 2 (50% Computer Applications; 25% Desktop Publishing; 25% Multimedia) – NOCTI		
*Missouri IT Exam, Sequence 3 (50% Computer Applications; 25% Desktop Publishing; 25% Web Design) – NOCTI		
*Missouri IT Exam, Sequence 4 (50% Computer Applications; 25% Web Design; 25% Multimedia) – NOCTI		
*Missouri IT Exam, Sequence 5 (25% Computer Applications; 25% Desktop Publishing; 25%		

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Multimedia; 25% Web Design) – NOCTI

Missouri IT Exams

State Developed **Assessment Blueprints & Pricing Information**

*If administering the NOCTI pre and post test, pretest must be administered prior to November 30th.

Please reference NOCTI's **pretest policy**

Law, Public Safety, Corrections and Security

Assessment	Perkins TSA	MSIP5 IRC
Basic Firefighter – Mo Division of Fire Safety		
Crime Scene Investigation & Criminal Justice – SkillsUSA		
Criminal Justice – NOCTI		*
EMT-Basic – Brainbench		
EMT-Basic – NREMT		
Firefighter I & II – MO Division of Fire Safety		
Hazardous Materials Awareness and Operations (when bundled with Basic Firefighter) – Missouri Emergency Response Commission		

Manufacturing

Assessment	Perkins TSA	MSIP5 IRC
Automated Manufacturing Technology – SkillsUSA		
Cabinetmaking – SkillsUSA		
Certified Computer Service Technician – ETA		

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Certified Production Technician (CPT)		
Cisco Certified Network Association (CCNA) Final Exam – Cisco Networking Academy		 *
Cisco CCNA Discovery Final Exam – Cisco Networking Academy		 *
Cisco CCNP Final Exam – Cisco Networking Academy		 *
Cisco I.T. Essentials Final Exam – Cisco Networking Academy		 *
Cisco CCNA Exploration Final Exam – Cisco Networking Academy		 *
CNC Milling and Turning Technology – SkillsUSA		
Computer Repair and Computer Networking – Cisco Networking Academy		
Electronics Technicians Association (ETA)		
International Society of Certified Electronics Technicians (ISCET) Online Certification		
Electronics Applications & Technology – SkillsUSA		
Electronics Technology – NOCTI		
Industrial Electronics -NOCTI		
Industrial Electricity – NOCTI		
IT Essentials I final exam – CISCO		
Machine Tool Technology – NIMS		
Major Appliance Technology – SkillsUSA		
Manufacturing Technology – NOCTI		
Mechatronics – SkillsUSA		
Precision Machining – NOCTI		 *

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Robotics Technology – CERT 

Robotics and Automation Technology – SkillsUSA 

American Welding Society– AWS  

Telecommunications Cabling – SkillsUSA 

Welding – SkillsUSA 

Welding – NOCTI   *

Marketing

Assessment	Perkins TSA	MSIP5 IRC
ASK - (cut score 65%)		
Marketing End of Program – MBA Research (cut score 65%)		
Cooperative Education Employability Skills – NOCTI		
Workplace Readiness – NOCTI (Approved for CCE programs only)		

Science, Technology, Engineering and Mathematics

Assessment	Perkins TSA	MSIP5 IRC
Marine Service Technology – SkillsUSA		
Pre-Engineering/Engineering Technology – NOCTI		
Project Lead The Way		
Volvo Penta		 *
Mercury Marine		 *

Transportation, Distribution and Logistics

Assessment	Perkins	MSIP5
	TSA	IRC
Auto Technology – Today's Class		
Automotive Refinishing – SkillsUSA		
Automotive Service Technology – SkillsUSA		
Automotive Technician Advanced – NOCTI		
Automotive Technician Core – NOCTI		*
Automotive Technician Examination – ASE		
Automotive Technician Standard – NOCTI		
Automotive Youth Education Systems Exit Examination – AYES		
Aviation Maintenance Technology (Secondary) – SkillsUSA		
Aviation Maintenance Technology (Post secondary) – SkillsUSA		
National Automotive Technicians Education Foundation – NATEF		
Collision Repair/Refinishing Technology (combination) – NOCTI		
Collision Repair – NOCTI		*
Collision Repair – ICAR		
Collision Repair Technology – SkillsUSA		
Diesel Engine Technology – NOCTI		*
Medium/Heavy Truck (Diesel) - ASE		
Diesel Engines & Electronic Systems – SkillsUSA		
Heavy Equipment Maintenance and Repair – NOCTI		

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Motorcycle Service Technology – SkillsUSA



Power Equipment Technology – SkillsUSA



Small Engine Technology – NOCTI



*

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However, those assessment will continue to be available for Perkins TSA reporting.

2012-2013 Perkins TSA Performance Measure Indicators Secondary:

Percentage of concentrator completers tested: 100%

Proficiency indicator: 63.00%

2012-2013 Perkins TSA Performance Measure Indicators Postsecondary/Adult

Percentage of concentrator completers tested: 100%

Proficiency indicator: 72.50%