

Perkins Technical Skills Assessments (TSAs) and MSIP-5 Industry Recognized Credentials (IRCs)

This document is intended to provide further guidance to schools as they identify Technical Skills Attainment (TSA) assessments and Industry Recognized Credentials (IRC) that best meet the needs of their students. TSAs are required by Perkins IV for both secondary and post-secondary programs. IRCs, in this context, are intended for use with secondary students and for school districts interested in addressing MSIP-5, College and Career Readiness Standard 3, Indicator 4. In some instances an IRC is also identified, and could be reported as, a TSA.

Concentrator: A student who has earned three or more sequential credits in any state-approved CTE program grades 9-12. Sequential credits can consist of courses that crossover into different program areas. (Note: It is a local decision to determine the sequence; therefore, it is a local decision to determine when a student becomes a concentrator and completes a program).

Industry Recognized Credential (IRC): A portable, recognized credential that validates an individual has successfully demonstrated skill competencies in a core set of content and performance standards in a specific set of work-related tasks, single occupational area, or a cluster of related occupational areas. A student does not have to be a concentrator to take an IRC.

Technical Skill Attainment (TSA): A technical skill assessment measures skill proficiency of Career and Technical Education (CTE) students who are concentrators (a student who has earned three or more sequential credits in any state-approved CTE program grades 9-12) and has completed an approved CTE program. A TSA is not intended to be taken after every course.

- Please refer to the MSIP-5 current [Comprehensive Guide to the Missouri School Improvement Program \(2017\)](#) for clarification on Performance Standard 3, Indicator 4 (College and Career Readiness).
- [MOSIS Code Sets](#)

Beginning in FY2015 (the 2014-2015 school year), several assessments that had temporarily been on the MSIP IRC approved list were removed. Those assessments will remain on the approved Perkins TSA list.

IRCs are identified a year prior to the reporting year in order to give schools ample time to prepare for the assessments. Please note clarification statements as some IRCs require both a knowledge and performance assessment. TSAs and IRCs that are listed under a career cluster may be appropriate for other career clusters. However, schools should contact their CTE Program Director to be sure the assessment is appropriate for the approved program.

School districts will have an opportunity to request that additional IRCs be added, removed, or clarification statements be revised on the MSIP-5 list during the spring IRC Application window.

Note: This guidance document will be updated periodically with web links or other information as needed.

Family Consumer Sciences and Human Services TSA/IRC List

Architecture and Construction

| Assessment | Perkins TSA | Clarification/Reporting Criteria TSA | MSIP5 IRC | Clarification/Reporting Criteria IRC (Effective FY2016) | IRC Code |
|-----------------|-------------|--------------------------------------|-----------|---|------------|
| Housing – AAFCS | ✓ | | ✓ | | AAFCS-HOUS |

Arts, A/V Technology and Communications

| Assessment | Perkins TSA | Clarification/Reporting Criteria TSA | MSIP5 IRC | Clarification/Reporting Criteria IRC (Effective FY2016) | IRC Code |
|--------------------------------------|-------------|--------------------------------------|-----------|---|------------|
| Apparel, Textiles and Fashion– AAFCS | ✓ | | ✓ | | AAFCS-FASH |
| Housing – AAFCS | ✓ | | ✓ | | AAFCS-HOUS |

Education and Training Services

| Assessment | Perkins TSA | Clarification/Reporting Criteria TSA | MSIP5 IRC | Clarification/Reporting Criteria IRC (Effective FY2016) | IRC Code |
|-----------------------------------|-------------|--------------------------------------|-----------|--|-----------|
| Early Childhood Education – AAFCS | ✓ | | ✓ | | AAFCS-ECE |
| Education Fundamentals – AAFCS | ✓ | | ✓ | This is the required IRC for the Career Pathways to the Teaching Profession program. | AAFCS-EF |



Health Science

| Assessment | Perkins TSA | Clarification/Reporting Criteria TSA | MSIP5 IRC | Clarification/Reporting Criteria IRC (Effective FY2016) | IRC Code |
|------------|-------------|--------------------------------------|-----------|---|----------|
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| Nutrition – AAFCS | | | | | AAFCS-N |
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Hospitality and Tourism

| Assessment | Perkins TSA | Clarification/ Reporting Criteria TSA | MSIP5 IRC | Clarification/Reporting Criteria IRC (Effective FY2016) | IRC Code |
|---|--------------------|---|----------------------|---|-----------------|
| ACF Certification Assessment – NOCTI | | Comply with the requirements for an accredited American Culinary Federation program. For the Perkins TSA, student must be a concentrator that completes an approved CTE program. | | To earn the Certified Junior Culinarian (CJC) certification a student must complete the requirements for an accredited American Culinary Federation program, pass the NOCTI written and practical exam with a score of 70% or higher. A student does not need to be a concentrator when used as an IRC. | ACF |
| Hospitality and Tourism Management (HTMP) I & II American Hotel and Lodging Educational Institute (AHLEI) | | For TSA: to be a concentrator a student could take two supporting CTE courses in a personal plan of study or pathway and then HTMP I or one supporting CTE course, HTMP I and HTMP II But not complete the mentored work requirement. In this case, the HTMP I or HTMP II assessments could be used as the TSA. | | To earn the AHLEI – internationally recognized - Certified Hospitality and Tourism Management Professional (CHTMP) a student must pass the American Hotel and Lodging Educational Institute’s HTMP Year 1 final exam and HTMP Year 2 final exam and complete 100 hours of paid or unpaid work experience in one of four qualifying positions. You must have all three components to receive the IRC, and the assessments must be given at the end of each course. | AHLA |
| Culinary Arts – AAFCS | | For the Perkins TSA, student must be a concentrator that completes an approved CTE | | | AAFCS-CA |

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|---|---|---|---|--|----------|
| | | program. | | | |
| ProStart I & II National Restaurant Association Education Foundation |  | For TSA: to be a concentrator a student could take two supporting CTE courses in a personal plan of study or pathway and then ProStart I or one supporting CTE course, ProStart I and ProStart II BUT not complete the mentored work requirement. In this case, the ProStart I or ProStart II assessments could be used as the TSA. |  | To earn the ProStart National Certification of Achievement (COA), a student must pass the National Restaurant Association's ProStart Year 1 and ProStart Year 2 final exams, and complete 400 hours of mentored work experience. | PROSTART |

Human Services

| Assessment | Perkins TSA | Clarification/ Reporting Criteria TSA | MSIP5 IRC | Clarification/Reporting Criteria IRC (Effective FY2016) | IRC Code |
|--|---|---|---|--|-------------------------|
| Broad Field Family and Consumer Sciences - AAFCS |  | For the Perkins TSA, student must be a concentrator that completes an approved CTE program. | | | AAFCS-BD If possible |
| Child Development Associate (CDA) |  | For the Perkins TSA, student must be a concentrator that completes an approved CTE program. |  | | CDEVA |
| Cosmetology - MO Division of Professional Registration |  | For the Perkins TSA, student must be a concentrator that completes an approved CTE program. |  | | CSCBE |
| Early Childhood Education - AAFCS |  | For the Perkins TSA, student must be a concentrator that completes an approved CTE program. |  | | AAFCS-ECE |

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| Family and Community Services – AAFCS |  | For the Perkins TSA, student must be a concentrator that completes an approved CTE program. |  | | AAFCS-FAM |
| Apparel, Textiles and Fashion – AAFCS |  | For the Perkins TSA, student must be a concentrator that completes an approved CTE program. |  | | AAFCS-FASH |
| Food Science – AAFCS |  | For the Perkins TSA, student must be a concentrator that completes an approved CTE program. |  | | AAFCS-FS |
| Interior Design Fundamentals – AAFCS |  | For the Perkins TSA, student must be a concentrator that completes an approved CTE program. |  | | AAFCS-ID |
| Nail Care - State Cosmetology Board |  | For the Perkins TSA, student must be a concentrator that completes an approved CTE program. |  | Nail Technician—Missouri State Board of Cosmetology and Barber Examiners—Manicure. | NTSCBE |
| Nutrition – AAFCS |  | For the Perkins TSA, student must be a concentrator that completes an approved CTE program. |  | | AAFCS-N |

IRC SUMMARY

The chart below indicates the dates each IRC has been active for MSIP purposes.

| | | MSIP IRC July 2012 through June | MSIP IRC July 2014 | MSIP IRC July 2014 | IRCs July 2015 | IRCs July 2016 |
|--|------------|---|------------------------------|------------------------------|--------------------------|--------------------------|
| American Culinary Federation - ACF | ACF | ✓ | ✓ | ✓ | ✓ | ✓ |
| American Hotel and Lodging Association (AH&LA) | AHLA | ✓ | ✓ | ✓ | ✓ | ✓ |
| Child Development Associate (CDA) | CDEVA | ✓ | ✓ | ✓ | ✓ | ✓ |
| Cosmetology – MO Division of Professional Registration | CSCBE | ✓ | ✓ | ✓ | ✓ | ✓ |
| Culinary Arts – AAFCS | AAFCS-CA | ✓ | ✓ | ✓ | ✓ | ✓ |
| Early Childhood Education – AAFCS | AAFCS-ECE | ✓ | ✓ | ✓ | ✓ | ✓ |
| Education Fundamentals – AAFCS | AAFCS-EF | ✓ | ✓ | ✓ | ✓ | ✓ |
| Family and Community Services – AAFCS | AAFCS-FAM | ✓ | ✓ | ✓ | ✓ | ✓ |
| Fashion, Textiles and Apparel – AAFCS | AAFCS-FASH | ✓ | ✓ | ✓ | ✓ | ✓ |
| Food Science – AAFCS | AAFCS-FS | ✓ | ✓ | ✓ | ✓ | ✓ |
| Housing – AAFCS | AAFCS-HOUS | ✓ | ✓ | ✓ | ✓ | ✓ |
| Interior Design Fundamentals – AAFCS | AAFCS-ID | ✓ | ✓ | ✓ | ✓ | ✓ |
| Nail Care – State Cosmetology Board | NTSCBE | ✓ | ✓ | ✓ | ✓ | ✓ |

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|---|----------|---|---|---|---|---|
| Nutrition – AAFCS | AAFCS-N | ✓ | ✓ | ✓ | ✓ | ✓ |
| ProStart Program – National Restaurant Association Education Foundation | PROSTART | ✓ | ✓ | ✓ | ✓ | ✓ |