Program Outcomes Assessment
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General Information (Program Outcomes Assessment)
Standing Requirements

Mission Statement

Program Mission Statement
The Career and Technical Education provides the continued development of the professional and technical knowledge of persons teaching in the discipline. Persons employed in this degree program teach in secondary schools. The program meets the requirements for teachers progressing from standard license to professional grade and prepares them to become educational leaders in Indiana and the world.

Statement
We will communicate intended learning outcomes to students and other stakeholders by listing them on the program website and curriculum sheet as well as list them in the Graduate Catalog.

Outcomes Library

MS in Career & Technical Ed Tchr Licen Outcome Set

1: Communicate effectively

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Mapping</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1: Provide clear, concise, and compelling information orally</td>
<td>No Mapping</td>
</tr>
<tr>
<td>1.2: Provide clear, concise, and compelling written information</td>
<td>No Mapping</td>
</tr>
</tbody>
</table>

2: Think critically

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Mapping</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1: Use and apply technology to solve problems</td>
<td>No Mapping</td>
</tr>
<tr>
<td>2.2: Integrate information from content-related literature to class discussions</td>
<td>No Mapping</td>
</tr>
<tr>
<td>2.3: Analyze and interpret empirical evidence from content-related literature</td>
<td>No Mapping</td>
</tr>
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</table>

3: Design and implement a research project

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Mapping</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1: Justify a rationale and write a problem statement</td>
<td>No Mapping</td>
</tr>
<tr>
<td>3.2: Write a literature review</td>
<td>No Mapping</td>
</tr>
<tr>
<td>3.3: Design research methodology</td>
<td>No Mapping</td>
</tr>
<tr>
<td>Design the appropriate research methodology (qualitative)</td>
<td></td>
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</table>
3.4: Collect data

Analyze data using either qualitative or quantitative methods

3.5: Analyze data

3.6: Discuss findings

3.7: Make conclusions

3.8: Write a final report

4: Analyze the core elements of career and technical education

Outcome | Mapping
---|---
4.1: Investigate CTE career pathways | No Mapping
4.2: Conduct ongoing studies of current best practices in the CTE career pathways | No Mapping
4.3: Defend and advocate for CTE legislation (such as the Federal Carl D. Perkins Act) | No Mapping

5: Interpret the core elements of career and technical education

Outcome | Mapping
---|---
5.1: Engage in lifelong learning and professional development | No Mapping
Engage in lifelong learning and professional development through appropriate CTE associations

5.2: Integrate workforce competencies | No Mapping
Integrate workforce competencies into established and emerging content-career cluster plans

5.3: Construct agreements that incorporate business and community organizations | No Mapping
Construct agreements that incorporate businesses and community organizations in partnerships related to content-related career clusters

Curriculum Map

Active Curriculum Maps

- MS in Career&Technical Ed curriculum map (new 2014) (See appendix)
  Alignment Set: MS in Career&Technical Ed Tchr Licen Outcome Set
  Created: 04/02/2014 7:17:22 am CST
  Last Modified: 04/02/2014 7:23:39 am CST

- MS in Career&Technical Ed Tchr Licen (See appendix)
  Alignment Set: MS in Career&Technical Ed Tchr Licen Outcome Set
  Created: 04/11/2013 10:01:19 am CST
  Last Modified: 04/01/2014 1:21:57 pm CST

Communication of Outcomes
Objectives of the program are posted at http://technology.indstate.edu/css/cte/. Student outcomes are communicated to prospective students and parents when they contact the HRDPT dept or MS CTE program coordinator. Also these outcomes are communicated to the students during the advisement. In future, the outcomes will also be posted at the website (technology.indstate.edu/cte) along with the objectives.
Archive (This area is to be used for archiving pre-TaskStream assessment data and for current documents.)
### Assessment Plan

#### Outcomes and Measures

**MS in Career & Technical Ed Tchr Licen Outcome Set**

1. **Have the ability to consume research findings, as well as collect, analyze and report research data.**

   1.1: **Develop strategies to conduct scholarly research**

   - **Measure:** Evaluation of in-class project per rubric
     Direct - Student Artifact

   - **Details/Description:** Data collected in HRD 698
   - **Target:** 80% enrolled will earn at least a 80 score
   - **Implementation Plan (timeline):** S2012, S2015
   - **Responsible Individual(s):** Program director

   1.2: **Develop techniques used towards data analysis**

   - **Measure:** Evaluation of in-class project per rubric
     Direct - Student Artifact

   - **Details/Description:** Data collected in HRD 698
   - **Target:** 80% enrolled will earn at least a 80 score
   - **Implementation Plan (timeline):** S2012, S2015
   - **Responsible Individual(s):** Program director

   1.3: **Demonstrate fluency in written communication**

   - **Measure:** Evaluation of in-class project per rubric
     Direct - Student Artifact

   - **Details/Description:** Data collected in HRD 698
   - **Target:** 80% enrolled will earn at least a 80 score
   - **Implementation Plan (timeline):** S2012, S2015
   - **Responsible Individual(s):** Program director

2. **The student will demonstrate mastery in analyzing federally funded legislation.**

   2.1: **investigate how federally funded Career and Technical and Employment and Training legislation is administered in one specific state.**

   - **Measure:** Evaluation of in-class project per rubric
     Direct - Student Artifact

   - **Details/Description:** Data collected in CTE 671
   - **Target:** 80% enrolled will earn at least a 80 score
   - **Implementation Plan (timeline):** S2012, S2015
   - **Responsible Individual(s):** Program director.
3: The student will demonstrate appreciation for the administration of Career and Technical Education professional organizations.

3.1: Interpret the role of professional organizations within the Career and Technical Education field.

**Measure:** Evaluation of in-class project per rubric
Direct - Student Artifact

- **Details/Description:** Data collected in CTE 671
- **Target:** 80% enrolled will earn at least a 80 score
- **Implementation Plan (timeline):** S2012, S2015
- **Responsible Individual(s):** Program director

3.2: analyze resources available at the Career and Technical Education National Research and Dissemination Centers.

**Measure:** Evaluation of in-class project per rubric
Direct - Student Artifact

- **Details/Description:** Data collected in CTE 671
- **Target:** 80% enrolled will earn at least a 80 score
- **Implementation Plan (timeline):** S2012, S2015
- **Responsible Individual(s):** Program director

**Assessment Findings**

**Finding per Measure**

**MS in Career&Technical Ed Tchr Licen Outcome Set**

1: Have the ability to consume research findings, as well as collect, analyze and report research data.

1.1: Develop strategies to conduct scholarly research

**Measure:** Evaluation of in-class project per rubric
Direct - Student Artifact

- **Details/Description:** Data collected in HRD 698
- **Target:** 80% enrolled will earn at least a 80 score
- **Implementation Plan (timeline):** S2012, S2015
- **Responsible Individual(s):** Program director

**Findings for Evaluation of in-class project per rubric**

- **Summary of Findings:** 2 of 2 (100%) students met the target
  - Student #1: 97
  - Student #2: 95
- **Results:** Target Achievement: Met
- **Recommendations:** Keep target through another assessment cycle.
- **Reflections/Notes:** With only 2 students in the data pool, it is difficult to make generalizations from the data.

**These Findings are associated with the following Actions:**
Repeat Assessment Cycle
1.2: Develop techniques used towards data analysis

**Measure:** Evaluation of in-class project per rubric
Direct - Student Artifact

**Details/Description:** Data collected in HRD 698

**Target:** 80% enrolled will earn at least a 80 score

**Implementation Plan (timeline):** S2012, S2015

**Responsible Individual(s):** Program director

**Findings for Evaluation of in-class project per rubric**

**Summary of Findings:** 2 of 2 (100%) students met the target

Student #1: 97

Student #2: 95

**Results:** Target Achievement: Met

**Recommendations:** Keep target through another assessment cycle.

**Reflections/Notes:** With only 2 students in the data pool, it is difficult to make generalizations from the data.

**These Findings are associated with the following Actions:**

Repeat Assessment Cycle

(Action Plan; 2011-2012 Assessment Cycle)

---

1.3: Demonstrate fluency in written communication

**Measure:** Evaluation of in-class project per rubric
Direct - Student Artifact

**Details/Description:** Data collected in HRD 698

**Target:** 80% enrolled will earn at least a 80 score

**Implementation Plan (timeline):** S2012, S2015

**Responsible Individual(s):** Program director

**Findings for Evaluation of in-class project per rubric**

**Summary of Findings:** 2 of 2 (100%) students met the target

Student #1: 97

Student #2: 95

**Results:** Target Achievement: Met

**Recommendations:** Keep target through another assessment cycle.

**Reflections/Notes:** With only 2 students in the data pool, it is difficult to make generalizations from the data.

**These Findings are associated with the following Actions:**

Repeat Assessment Cycle

(Action Plan; 2011-2012 Assessment Cycle)
2: The student will demonstrate mastery in analyzing federally funded legislation.

2.1: investigate how federally funded Career and Technical and Employment and Training legislation is administered in one specific state.

Measure: Evaluation of in-class project per rubric
Direct - Student Artifact

Details/Description: Data collected in CTE 671
Target: 80% enrolled will earn at least a 80 score
Responsible Individual(s): Program director.

Findings for Evaluation of in-class project per rubric

Summary of Findings: 1 of 1 (100%) student met the target
Student #1: 87
Results: Target Achievement: Met
Recommendations: Keep target through another assessment cycle.
Reflections/Notes: With only 1 student in the data pool, it is difficult to make generalizations from the data.

These Findings are associated with the following Actions:
Repeat Assessment Cycle
(Action Plan; 2011-2012 Assessment Cycle)

3: The student will demonstrate appreciation for the administration of Career and Technical Education professional organizations.

3.1: Interpret the role of professional organizations within the Career and Technical Education field.

Measure: Evaluation of in-class project per rubric
Direct - Student Artifact

Details/Description: Data collected in CTE 671
Target: 80% enrolled will earn at least a 80 score
Responsible Individual(s): Program director

Findings for Evaluation of in-class project per rubric

Summary of Findings: 1 of 1 (100%) student met the target
Student #1: 96
Results: Target Achievement: Met
Recommendations: Keep target through another assessment cycle.
Reflections/Notes: With only 1 student in the data pool, it is difficult to make generalizations from the data.

3.2: analyze resources available at the Career and Technical Education National

Measure: Evaluation of in-class project per rubric
Direct - Student Artifact

Details/Description: Data collected in CTE 671
Target: 80% enrolled will earn at least a 80 score
Responsible Individual(s): Program director

Findings for Evaluation of in-class project per rubric

Summary of Findings: 1 of 1 (100%) student met the target
Student #1: 96
Results: Target Achievement: Met
Recommendations: Keep target through another assessment cycle.
Reflections/Notes: With only 1 student in the data pool, it is difficult to make generalizations from the data.
Details/Description: Data collected in CTE 671
Target: 80% enrolled will earn at least a 80 score
Responsible Individual(s): Program director

Findings for Evaluation of in-class project per rubric

Summary of Findings: 1 of 1 (100%) student met the target
Student #1: 96
Results: Target Achievement: Met
Recommendations: Keep target through another assessment cycle.
Reflections/Notes: With only 1 student in the data pool, it is difficult to make generalizations from the data.

Overall Recommendations
No text specified

Overall Reflection
No text specified

Action Plan

Actions

MS in Career&Technical Ed Tchr Licen Outcome Set

1: Have the ability to consume research findings, as well as collect, analyze and report research data.

1.1: Develop strategies to conduct scholarly research

Action: Repeat Assessment Cycle

This Action is associated with the following Findings

Findings for Evaluation of in-class project per rubric
(Assessment Plan and Assessment Findings; 2011-2012 Assessment Cycle)
Summary of Findings: 2 of 2 (100%) students met the target
Student #1: 97
Student #2: 95

Action Details: Because this is our first attempt at assessing our program data, we want to maintain the same instructional methods and assess this outcome

Implementation Plan (timeline): Assess this outcome in three years.

Key/Responsible Personnel: Program director
Measures:
Resource Allocations:
1.2: Develop techniques used towards data analysis

**Action:** Repeat Assessment Cycle

- **This Action is associated with the following Findings**
  - **Findings for Evaluation of in-class project per rubric**
    (Assessment Plan and Assessment Findings; 2011-2012 Assessment Cycle)
  - **Summary of Findings:** 2 of 2 (100%) students met the target
    - Student #1: 97
    - Student #2: 95

**Action Details:** Because this is our first attempt at assessing our program data, we want to maintain the same instructional methods and assess this outcome

**Implementation Plan (timeline):** Assess this outcome in three years.

**Key/Responsible Personnel:** Program director

**Measures:**

**Resource Allocations:**

**Priority:** Medium

---

1.3: Demonstrate fluency in written communication

**Action:** Repeat Assessment Cycle

- **This Action is associated with the following Findings**
  - **Findings for Evaluation of in-class project per rubric**
    (Assessment Plan and Assessment Findings; 2011-2012 Assessment Cycle)
  - **Summary of Findings:** 2 of 2 (100%) students met the target
    - Student #1: 97
    - Student #2: 95

**Action Details:** Because this is our first attempt at assessing our program data, we want to maintain the same instructional methods and assess this outcome

**Implementation Plan (timeline):** Assess this outcome in three years.

**Key/Responsible Personnel:** Program director

**Measures:**

**Resource Allocations:**

**Priority:** Medium

---

2: The student will demonstrate mastery in analyzing federally funded legislation.

2.1: investigate how federally funded

**Action:** Repeat Assessment Cycle

---

**Priority:** Medium
Career and Technical and Employment and Training legislation is administered in one specific state.

This Action is associated with the following Findings
Findings for Evaluation of in-class project per rubric
(Assessment Plan and Assessment Findings; 2011-2012 Assessment Cycle)
Summary of Findings: 1 of 1 (100%) student met the target
Student #1: 87

Action Details: Because this is our first attempt at assessing our program data, we want to maintain the same instructional methods and assess this outcome

Implementation Plan (timeline): Assess this outcome in three years.

Key/Responsible Personnel: Program director
Measures:
Resource Allocations:
Priority: Medium

3: The student will demonstrate appreciation for the administration of Career and Technical Education professional organizations.

3.1: Interpret the role of professional organizations within the Career and Technical Education field.

Action: Repeat Assessment Cycle

This Action is associated with the following Findings
No supporting Findings have been linked to this Action.

Action Details: Because this is our first attempt at assessing our program data, we want to maintain the same instructional methods and assess this outcome

Implementation Plan (timeline): Assess this outcome in three years.

Key/Responsible Personnel: Program director
Measures:
Resource Allocations:
Priority: Medium

3.2: analyze resources available at the Career and Technical Education National Research and Dissemination Centers.

Action: Repeat Assessment Cycle

This Action is associated with the following Findings
No supporting Findings have been linked to this Action.

Action Details: Because this is our first attempt at assessing our program data, we want to maintain the same instructional methods and assess this outcome

Implementation Plan (timeline): Assess this outcome in three years.

Key/Responsible Personnel:
Measures: Program director
Resource Allocations:
## Status Report

### Action Statuses

<table>
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<th>MS in Career &amp; Technical Ed Tchr Licen Outcome Set</th>
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<tr>
<td><strong>1: Have the ability to consume research findings, as well as collect, analyze and report research data.</strong></td>
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</table>

#### 1.1: Develop strategies to conduct scholarly research

**Action:** Repeat Assessment Cycle

**Action Details:** Because this is our first attempt at assessing our program data, we want to maintain the same instructional methods and assess this outcome.

**Implementation Plan (timeline):** Assess this outcome in three years.

**Key/Responsible Personnel:** Program director

**Measures:**

**Resource Allocations:**

**Priority:** Medium

---

**Status for Repeat Assessment Cycle**

**Current Status:** Not started

**Resource Allocation(s) Status:**

**Next Steps/Additional Information:** For all outcomes, the next assessment cycle will be in 2014-15

#### 1.2: Develop techniques used towards data analysis

**Action:** Repeat Assessment Cycle

**Action Details:** Because this is our first attempt at assessing our program data, we want to maintain the same instructional methods and assess this outcome.

**Implementation Plan (timeline):** Assess this outcome in three years.

**Key/Responsible Personnel:** Program director

**Measures:**

**Resource Allocations:**

**Priority:** Medium

---

**Status for Repeat Assessment Cycle**

**Current Status:** Not started
1.3: Demonstrate fluency in written communication

**Action:** Repeat Assessment Cycle

**Action Details:** Because this is our first attempt at assessing our program data, we want to maintain the same instructional methods and assess this outcome.

**Implementation Plan (timeline):** Assess this outcome in three years.

**Key/Responsible Personnel:** Program director

**Measures:**

**Resource Allocations:**

**Priority:** Medium

**Status for Repeat Assessment Cycle**

**Current Status:** Not started

**Resource Allocation(s) Status:**

**Next Steps/Additional Information:** For all outcomes, the next assessment cycle will be in 2014-15

2: The student will demonstrate mastery in analyzing federally funded legislation.

2.1: investigate how federally funded Career and Technical and Employment and Training legislation is administered in one specific state.

**Action:** Repeat Assessment Cycle

**Action Details:** Because this is our first attempt at assessing our program data, we want to maintain the same instructional methods and assess this outcome.

**Implementation Plan (timeline):** Assess this outcome in three years.

**Key/Responsible Personnel:** Program director

**Measures:**

**Resource Allocations:**

**Priority:** Medium

**Status for Repeat Assessment Cycle**

**Current Status:** Not started

**Resource Allocation(s) Status:**

**Next Steps/Additional Information:** For all outcomes, the next assessment cycle will be in 2014-15
**3: The student will demonstrate appreciation for the administration of Career and Technical Education professional organizations.**

<table>
<thead>
<tr>
<th>3.1: Interpret the role of professional organizations within the Career and Technical Education field.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action:</strong> Repeat Assessment Cycle</td>
</tr>
<tr>
<td><strong>Action Details:</strong> Because this is our first attempt at assessing our program data, we want to maintain the same instructional methods and assess this outcome</td>
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<td><strong>Implementation Plan (timeline):</strong> Assess this outcome in three years.</td>
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<td><strong>Key/Responsible Personnel:</strong> Program director</td>
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<td><strong>Measures:</strong></td>
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**Status** for Repeat Assessment Cycle

- **Current Status:** Not started
- **Resource Allocation(s) Status:**

**Next Steps/Additional Information:** For all outcomes, the next assessment cycle will be in 2014-15

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<th>3.2: analyze resources available at the Career and Technical Education National Research and Dissemination Centers.</th>
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<td><strong>Action Details:</strong> Because this is our first attempt at assessing our program data, we want to maintain the same instructional methods and assess this outcome</td>
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<td><strong>Implementation Plan (timeline):</strong> Assess this outcome in three years.</td>
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<td><strong>Key/Responsible Personnel:</strong></td>
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<td><strong>Resource Allocations:</strong></td>
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<td><strong>Priority:</strong> Medium</td>
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**Status** for Repeat Assessment Cycle

- **Current Status:** Not started
- **Resource Allocation(s) Status:**

**Next Steps/Additional Information:** For all outcomes, the next assessment cycle will be in 2014-15
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- Assessment Plan
- Assessment Findings
- Action Plan
- Status Report
2013-2014 Assessment Cycle

- Assessment Plan
- Assessment Findings
- Action Plan
- Status Report
2014-2015 Assessment Cycle

Assessment Plan

Outcomes and Measures

MS in Career & Technical Ed Tchr Licen Outcome Set

1: Communicate effectively

1.1: Provide clear, concise, and compelling information orally

Measure: Oral presentation rubric
Details/Description: CTE 603
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): F2014/F2017
Responsible Individual(s): CTE Program Coordinator

1.2: Provide clear, concise, and compelling written information

Measure: Final project rubric
Details/Description: CTE 671
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): S2015/S2018
Responsible Individual(s): CTE Program Coordinator

4: Analyze the core elements of career and technical education

4.3: Defend and advocate for CTE legislation (such as the Federal Carl D. Perkins Act)

Measure: Final project rubric
Details/Description: CTE 671
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): S2015/S2018
Responsible Individual(s): CTE Program Coordinator

Assessment Findings

Finding per Measure

MS in Career & Technical Ed Tchr Licen Outcome Set

1: Communicate effectively
1.1: Provide clear, concise, and compelling information orally

**Measure:** Oral presentation rubric
Direct - Other

Details/Description: CTE 603
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): F2014/F2017
Responsible Individual(s): CTE Program Coordinator

**Findings** for Oral presentation rubric
No Findings Added

1.2: Provide clear, concise, and compelling written information

**Measure:** Final project rubric
Direct - Student Artifact

Details/Description: CTE 671
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): S2015/S2018
Responsible Individual(s): CTE Program Coordinator

**Findings** for Final project rubric
No Findings Added

4: Analyze the core elements of career and technical education

4.3: Defend and advocate for CTE legislation (such as the Federal Carl D. Perkins Act)

**Measure:** Final project rubric
Direct - Student Artifact

Details/Description: CTE 671
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): S2015/S2018
Responsible Individual(s): CTE Program Coordinator

**Findings** for Final project rubric
No Findings Added

Overall Recommendations
No text specified

Overall Reflection
No text specified
Program Outcomes Assessment
MS in Career

◇ Action Plan

◇ Status Report
2015-2016 Assessment Cycle

Assessment Plan

Outcomes and Measures

MS in Career & Technical Ed Tchr Licen Outcome Set

2: Think critically

2.2: Integrate information from content-related literature to class discussions

Measure: Journal article critique rubric
Direct - Student Artifact

Details/Description: TCED 672
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): S2016/S2019
Responsible Individual(s): CTE Program Coordinator

3: Design and implement a research project

3.1: Justify a rationale and write a problem statement

Measure: Major project rubric
Direct - Student Artifact

Details/Description: HRD 685
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): F2015/F2018
Responsible Individual(s): CTE Program Coordinator

3.2: Write a literature review

Measure: Major project rubric
Direct - Student Artifact

Details/Description: HRD 685
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): F2015/F2018
Responsible Individual(s): CTE Program Coordinator

3.3: Design research methodology
Design the appropriate research methodology (qualitative and/or quantitative)

Measure: Major project rubric
Direct - Student Artifact

Details/Description: HRD 685
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): F2015/F2018
Responsible Individual(s): CTE Program Coordinator
### 3.4: Collect data

- **Measure:** Major project rubric  
  Direct - Student Artifact

- **Details/Description:** HRD 685  
  **Target:** 80% enrolled will earn at least a 70 score  
  **Implementation Plan (timeline):** S2016/S2019  
  **Responsible Individual(s):** CTE Program Coordinator

### 3.5: Analyze data

- **Measure:** Major project rubric  
  Direct - Student Artifact

- **Details/Description:** HRD 685  
  **Target:** 80% enrolled will earn at least a 70 score  
  **Implementation Plan (timeline):** S2016/S2019  
  **Responsible Individual(s):** CTE Program Coordinator

### 4: Analyze the core elements of career and technical education

### 4.2: Conduct ongoing studies of current best practices in the CTE career pathways

- **Measure:** Final project rubric  
  Direct - Student Artifact

- **Details/Description:** CTE 671  
  **Target:** 80% enrolled will earn at least a 70 score  
  **Implementation Plan (timeline):** S2016/S2019  
  **Responsible Individual(s):** CTE Program Coordinator

### 5: Interpret the core elements of career and technical education

### 5.1: Engage in lifelong learning and professional development

- **Measure:** Oral presentation rubric  
  Direct - Other

- **Details/Description:** CTE 603  
  **Target:** 80% enrolled will earn at least a 70 score  
  **Implementation Plan (timeline):** F2015/F2018  
  **Responsible Individual(s):** CTE Program Coordinator

---

**Assessment Findings**

**Finding per Measure**

**MS in Career & Technical Ed Tchr Licen Outcome Set**

**2: Think critically**

- **2.2: Integrate information from content-related**

- **Measure:** Journal article critique rubric  
  Direct - Student Artifact
literature to class discussions

Details/Description: TCED 672
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): S2016/S2019
Responsible Individual(s): CTE Program Coordinator

Findings for Journal article critique rubric

No Findings Added

3: Design and implement a research project

3.1: Justify a rationale and write a problem statement

Measure: Major project rubric
Direct - Student Artifact

Details/Description: HRD 685
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): F2015/F2018
Responsible Individual(s): CTE Program Coordinator

Findings for Major project rubric

No Findings Added

3.2: Write a literature review

Measure: Major project rubric
Direct - Student Artifact

Details/Description: HRD 685
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): F2015/F2018
Responsible Individual(s): CTE Program Coordinator

Findings for Major project rubric

No Findings Added

3.3: Design research methodology

Design the appropriate research methodology (qualitative and/or quantitative)

Measure: Major project rubric
Direct - Student Artifact

Details/Description: HRD 685
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): F2015/F2018
Responsible Individual(s): CTE Program Coordinator

Findings for Major project rubric

No Findings Added
### 3.4: Collect data

**Measure:** Major project rubric  
Direct - Student Artifact

**Details/Description:** HRD 685  
**Target:** 80% enrolled will earn at least a 70 score  
**Implementation Plan (timeline):** S2016/S2019  
**Responsible Individual(s):** CTE Program Coordinator

**Findings** for Major project rubric  
No Findings Added

### 3.5: Analyze data

Analyze data using either qualitative or quantitative methods

**Measure:** Major project rubric  
Direct - Student Artifact

**Details/Description:** HRD 685  
**Target:** 80% enrolled will earn at least a 70 score  
**Implementation Plan (timeline):** S2016/S2019  
**Responsible Individual(s):** CTE Program Coordinator

**Findings** for Major project rubric  
No Findings Added

### 4: Analyze the core elements of career and technical education

### 4.2: Conduct ongoing studies of current best practices in the CTE career pathways

**Measure:** Final project rubric  
Direct - Student Artifact

**Details/Description:** CTE 671  
**Target:** 80% enrolled will earn at least a 70 score  
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**Responsible Individual(s):** CTE Program Coordinator

**Findings** for Final project rubric  
No Findings Added

### 5: Interpret the core elements of career and technical education

### 5.1: Engage in lifelong learning and professional development

**Measure:** Oral presentation rubric  
Direct - Other

**Details/Description:** CTE 603  
**Target:** 80% enrolled will earn at least a 70 score
appropriate CTE associations

**Implementation Plan (timeline):** F2015/F2018

**Responsible Individual(s):** CTE Program Coordinator

**Findings** for Oral presentation rubric

*No Findings Added*

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**Overall Recommendations**

*No text specified*

**Overall Reflection**

*No text specified*

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难得 Action Plan

难得 Status Report
## Assessment Plan

### Outcomes and Measures

**MS in Career & Technical Ed Tchr Licen Outcome Set**

### 2: Think critically

#### 2.1: Use and apply technology to solve problems

- **Measure:** Final project rubric  
  Direct - Student Artifact

  - **Details/Description:** HPT 594  
  - **Target:** 80% enrolled will earn at least a 70 score  
  - **Implementation Plan (timeline):** F2016/F2019  
  - **Responsible Individual(s):** CTE Program Coordinator

#### 2.3: Analyze and interpret empirical evidence from content-related literature

- **Measure:** Journal article critique rubric  
  Direct - Student Artifact

  - **Details/Description:** TCED 672  
  - **Target:** 80% enrolled will earn at least a 70 score  
  - **Implementation Plan (timeline):** S2017/S2020  
  - **Responsible Individual(s):** CTE Program Coordinator

### 3: Design and implement a research project

#### 3.6: Discuss findings

- **Measure:** Major project rubric  
  Direct - Student Artifact

  - **Details/Description:** HRD 685  
  - **Target:** 80% enrolled will earn at least a 70 score  
  - **Implementation Plan (timeline):** F2016/F2019  
  - **Responsible Individual(s):** CTE Program Coordinator

#### 3.7: Make conclusions

- **Measure:** Major project rubric  
  Direct - Student Artifact

  - **Details/Description:** HRD 685  
  - **Target:** 80% enrolled will earn at least a 70 score  
  - **Implementation Plan (timeline):** F2016/F2019  
  - **Responsible Individual(s):** CTE Program Coordinator
3.8: Write a final report

**Measure:** Major project rubric
Direct - Student Artifact

**Details/Description:** HRD 685
**Target:** 80% enrolled will earn at least a 70 score
**Implementation Plan (timeline):** F2016/F2019
**Responsible Individual(s):** CTE Program Coordinator

5: Interpret the core elements of career and technical education

5.2: Integrate workforce competencies

Integrate workforce competencies into established and emerging content-career cluster plans

**Measure:** Final project rubric
Direct - Student Artifact

**Details/Description:** CTE 671
**Target:** 80% enrolled will earn at least a 70 score
**Implementation Plan (timeline):** S2017/S2020
**Responsible Individual(s):** CTE Program Coordinator

5.3: Construct agreements that incorporate business and community organizations

Construct agreements that incorporate businesses and community organizations in partnerships related to content-related career clusters

**Measure:** Final project rubric
Direct - Student Artifact

**Details/Description:** CTE 671
**Target:** 80% enrolled will earn at least a 70 score
**Implementation Plan (timeline):** S2017/S2020
**Responsible Individual(s):** CTE Program Coordinator

---

**Assessment Findings**

**Finding per Measure**

**MS in Career & Technical Ed Tchr Licen Outcome Set**

2: Think critically

2.1: Use and apply technology to solve problems

**Measure:** Final project rubric
Direct - Student Artifact

**Details/Description:** HPT 594
**Target:** 80% enrolled will earn at least a 70 score
**Implementation Plan (timeline):** F2016/F2019
**Responsible Individual(s):** CTE Program Coordinator

**Findings for Final project rubric**

*No Findings Added*
### 2.3: Analyze and interpret empirical evidence from content-related literature

**Measure:** Journal article critique rubric  
Direct - Student Artifact

**Details/Description:** TCED 672  
**Target:** 80% enrolled will earn at least a 70 score  
**Implementation Plan (timeline):** S2017/S2020  
**Responsible Individual(s):** CTE Program Coordinator

**Findings** for Journal article critique rubric  
No Findings Added

### 3: Design and implement a research project

#### 3.6: Discuss findings

**Measure:** Major project rubric  
Direct - Student Artifact

**Details/Description:** HRD 685  
**Target:** 80% enrolled will earn at least a 70 score  
**Implementation Plan (timeline):** F2016/F2019  
**Responsible Individual(s):** CTE Program Coordinator

**Findings** for Major project rubric  
No Findings Added

#### 3.7: Make conclusions

**Measure:** Major project rubric  
Direct - Student Artifact

**Details/Description:** HRD 685  
**Target:** 80% enrolled will earn at least a 70 score  
**Implementation Plan (timeline):** F2016/F2019  
**Responsible Individual(s):** CTE Program Coordinator

**Findings** for Major project rubric  
No Findings Added

#### 3.8: Write a final report

**Measure:** Major project rubric  
Direct - Student Artifact

**Details/Description:** HRD 685  
**Target:** 80% enrolled will earn at least a 70 score  
**Implementation Plan (timeline):** F2016/F2019  
**Responsible Individual(s):** CTE Program Coordinator

**Findings** for Major project rubric  
No Findings Added
No Findings Added

### 5: Interpret the core elements of career and technical education

#### 5.2: Integrate workforce competencies

| Measure | Final project rubric  
| Direct - Student Artifact |

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Findings for Final project rubric

No Findings Added

#### 5.3: Construct agreements that incorporate business and community organizations

| Measure | Final project rubric  
| Direct - Student Artifact |

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Findings for Final project rubric

No Findings Added

### Overall Recommendations

No text specified

### Overall Reflection

No text specified
### Assessment Plan

#### Outcomes and Measures

**MS in Career & Technical Ed Tchr Licen Outcome Set**

**1: Communicate effectively**

1.1: Provide clear, concise, and compelling information orally

- **Measure:** Oral presentation rubric
  - Direct: Other

<table>
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<th>Details/Description</th>
<th>Target: 80% enrolled will earn at least a 70 score</th>
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<td>Responsible Individual(s): CTE Program Coordinator</td>
</tr>
</tbody>
</table>

1.2: Provide clear, concise, and compelling written information

- **Measure:** Final project rubric
  - Direct: Student Artifact

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**4: Analyze the core elements of career and technical education**

4.1: Investigate CTE career pathways

- **Measure:** Final project rubric
  - Direct: Student Artifact

<table>
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4.3: Defend and advocate for CTE legislation (such as the Federal Carl D. Perkins Act)

- **Measure:** Final project rubric
  - Direct: Student Artifact

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### Assessment Findings

#### Finding per Measure

**MS in Career&Technical Ed Tchr Licen Outcome Set**

#### 1: Communicate effectively

**1.1: Provide clear, concise, and compelling information orally**

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**Findings for Oral presentation rubric**

No Findings Added

**1.2: Provide clear, concise, and compelling written information**

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**Findings for Final project rubric**

No Findings Added

#### 4: Analyze the core elements of career and technical education

**4.1: Investigate CTE career pathways**

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**Findings for Final project rubric**

No Findings Added
4.3: Defend and advocate for CTE legislation (such as the Federal Carl D. Perkins Act)

**Measure:** Final project rubric
Direct - Student Artifact

**Details/Description:** CTE 671
**Target:** 80% enrolled will earn at least a 70 score
**Implementation Plan (timeline):** S2015/S2018
**Responsible Individual(s):** CTE Program Coordinator

**Findings** for Final project rubric

*No Findings Added*

**Overall Recommendations**

*No text specified*

**Overall Reflection**

*No text specified*
Assessment Plan

Outcomes and Measures

MS in Career & Technical Ed Tchr Licen Outcome Set

2: Think critically

2.2: Integrate information from content-related literature to class discussions

- **Measure:** Journal article critique rubric
  - Direct - Student Artifact

  **Details/Description:** TCED 672
  **Target:** 80% enrolled will earn at least a 70 score
  **Implementation Plan (timeline):** S2016/S2019
  **Responsible Individual(s):** CTE Program Coordinator

3: Design and implement a research project

3.1: Justify a rationale and write a problem statement

- **Measure:** Major project rubric
  - Direct - Student Artifact

  **Details/Description:** HRD 685
  **Target:** 80% enrolled will earn at least a 70 score
  **Implementation Plan (timeline):** F2015/F2018
  **Responsible Individual(s):** CTE Program Coordinator

3.2: Write a literature review

- **Measure:** Major project rubric
  - Direct - Student Artifact

  **Details/Description:** HRD 685
  **Target:** 80% enrolled will earn at least a 70 score
  **Implementation Plan (timeline):** F2015/F2018
  **Responsible Individual(s):** CTE Program Coordinator

3.3: Design research methodology

Design the appropriate research methodology (qualitative and/or quantitative)

- **Measure:** Major project rubric
  - Direct - Student Artifact

  **Details/Description:** HRD 685
  **Target:** 80% enrolled will earn at least a 70 score
  **Implementation Plan (timeline):** F2015/F2018
  **Responsible Individual(s):** CTE Program Coordinator
### 3.4: Collect data

**Measure:** Major project rubric  
Direct - Student Artifact

- **Details/Description:** HRD 685  
- **Target:** 80% enrolled will earn at least a 70 score  
- **Implementation Plan (timeline):** S2016/S2019  
- **Responsible Individual(s):** CTE Program Coordinator

### 3.5: Analyze data

Analyze data using either qualitative or quantitative methods

**Measure:** Major project rubric  
Direct - Student Artifact

- **Details/Description:** HRD 685  
- **Target:** 80% enrolled will earn at least a 70 score  
- **Implementation Plan (timeline):** S2016/S2019  
- **Responsible Individual(s):** CTE Program Coordinator

### 4: Analyze the core elements of career and technical education

### 4.2: Conduct ongoing studies of current best practices in the CTE career pathways

**Measure:** Final project rubric  
Direct - Student Artifact

- **Details/Description:** CTE 671  
- **Target:** 80% enrolled will earn at least a 70 score  
- **Implementation Plan (timeline):** S2016/S2019  
- **Responsible Individual(s):** CTE Program Coordinator

### 5: Interpret the core elements of career and technical education

#### 5.1: Engage in lifelong learning and professional development

Engage in lifelong learning and professional development through appropriate CTE associations

**Measure:** Oral presentation rubric  
Direct - Other

- **Details/Description:** CTE 603  
- **Target:** 80% enrolled will earn at least a 70 score  
- **Implementation Plan (timeline):** F2015/F2018  
- **Responsible Individual(s):** CTE Program Coordinator

### Assessment Findings

#### Finding per Measure

**MS in Career&Technical Ed Tchr Licen Outcome Set**

#### 2: Think critically

**2.2: Integrate information from content-related**

**Measure:** Journal article critique rubric  
Direct - Student Artifact
Program Outcomes Assessment
MS in Career

literature to class discussions

Details/Description: TCED 672
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): S2016/S2019
Responsible Individual(s): CTE Program Coordinator

Findings for Journal article critique rubric

No Findings Added

3: Design and implement a research project

3.1: Justify a rationale and write a problem statement

Measure: Major project rubric
Direct - Student Artifact

Details/Description: HRD 685
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): F2015/F2018
Responsible Individual(s): CTE Program Coordinator

Findings for Major project rubric

No Findings Added

3.2: Write a literature review

Measure: Major project rubric
Direct - Student Artifact

Details/Description: HRD 685
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): F2015/F2018
Responsible Individual(s): CTE Program Coordinator

Findings for Major project rubric

No Findings Added

3.3: Design research methodology

Details/Description: HRD 685
Target: 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): F2015/F2018
Responsible Individual(s): CTE Program Coordinator

Findings for Major project rubric

No Findings Added
### 3.4: Collect data

**Measure:** Major project rubric  
Direct - Student Artifact

**Details/Description:** HRD 685  
**Target:** 80% enrolled will earn at least a 70 score  
**Implementation Plan (timeline):** S2016/S2019  
**Responsible Individual(s):** CTE Program Coordinator

**Findings** for Major project rubric

*No Findings Added*

### 3.5: Analyze data

Analyze data using either qualitative or quantitative methods

**Measure:** Major project rubric  
Direct - Student Artifact

**Details/Description:** HRD 685  
**Target:** 80% enrolled will earn at least a 70 score  
**Implementation Plan (timeline):** S2016/S2019  
**Responsible Individual(s):** CTE Program Coordinator

**Findings** for Major project rubric

*No Findings Added*

### 4: Analyze the core elements of career and technical education

#### 4.2: Conduct ongoing studies of current best practices in the CTE career pathways

**Measure:** Final project rubric  
Direct - Student Artifact

**Details/Description:** CTE 671  
**Target:** 80% enrolled will earn at least a 70 score  
**Implementation Plan (timeline):** S2016/S2019  
**Responsible Individual(s):** CTE Program Coordinator

**Findings** for Final project rubric

*No Findings Added*

### 5: Interpret the core elements of career and technical education

#### 5.1: Engage in lifelong learning and professional development

**Measure:** Oral presentation rubric  
Direct - Other

**Details/Description:** CTE 603  
**Target:** 80% enrolled will earn at least a 70 score
Implementation Plan (timeline): F2015/F2018
Responsible Individual(s): CTE Program Coordinator

Findings for Oral presentation rubric

No Findings Added

Overall Recommendations

No text specified

Overall Reflection

No text specified
### 2019-2020 Assessment Cycle

#### Assessment Plan

**Outcomes and Measures**

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3.8: Write a final report

- **Measure:** Major project rubric
- **Direct - Student Artifact**

**Details/Description:** HRD 685
- **Target:** 80% enrolled will earn at least a 70 score
- **Implementation Plan (timeline):** F2016/F2019
- **Responsible Individual(s):** CTE Program Coordinator

5: Interpret the core elements of career and technical education

5.2: Integrate workforce competencies

- **Measure:** Final project rubric
- **Direct - Student Artifact**

**Details/Description:** CTE 671
- **Target:** 80% enrolled will earn at least a 70 score
- **Implementation Plan (timeline):** S2017/S2020
- **Responsible Individual(s):** CTE Program Coordinator

5.3: Construct agreements that incorporate business and community organizations

- **Measure:** Final project rubric
- **Direct - Student Artifact**

**Details/Description:** CTE 671
- **Target:** 80% enrolled will earn at least a 70 score
- **Implementation Plan (timeline):** S2017/S2020
- **Responsible Individual(s):** CTE Program Coordinator

Assessment Findings

Finding per Measure

MS in Career & Technical Ed Tchr Licen Outcome Set

2: Think critically

2.1: Use and apply technology to solve problems

- **Measure:** Final project rubric
- **Direct - Student Artifact**

**Details/Description:** HPT 594
- **Target:** 80% enrolled will earn at least a 70 score
- **Implementation Plan (timeline):** F2016/F2019
- **Responsible Individual(s):** CTE Program Coordinator

**Findings** for Final project rubric

*No Findings Added*
2.3: Analyze and interpret empirical evidence from content-related literature

**Measure:** Journal article critique rubric
Direct - Student Artifact

**Details/Description:** TCED 672
**Target:** 80% enrolled will earn at least a 70 score
**Implementation Plan (timeline):** S2017/S2020
**Responsible Individual(s):** CTE Program Coordinator

**Findings** for Journal article critique rubric
No Findings Added

3: Design and implement a research project

3.6: Discuss findings

**Measure:** Major project rubric
Direct - Student Artifact

**Details/Description:** HRD 685
**Target:** 80% enrolled will earn at least a 70 score
**Implementation Plan (timeline):** F2016/F2019
**Responsible Individual(s):** CTE Program Coordinator

**Findings** for Major project rubric
No Findings Added

3.7: Make conclusions

**Measure:** Major project rubric
Direct - Student Artifact

**Details/Description:** HRD 685
**Target:** 80% enrolled will earn at least a 70 score
**Implementation Plan (timeline):** F2016/F2019
**Responsible Individual(s):** CTE Program Coordinator

**Findings** for Major project rubric
No Findings Added

3.8: Write a final report

**Measure:** Major project rubric
Direct - Student Artifact

**Details/Description:** HRD 685
**Target:** 80% enrolled will earn at least a 70 score
**Implementation Plan (timeline):** F2016/F2019
**Responsible Individual(s):** CTE Program Coordinator

**Findings** for Major project rubric
No Findings Added
### 5: Interpret the core elements of career and technical education

#### 5.2: Integrate workforce competencies

**Measure:** Final project rubric  
Direct - Student Artifact

- **Details/Description:** CTE 671  
- **Target:** 80% enrolled will earn at least a 70 score  
- **Implementation Plan (timeline):** S2017/S2020  
- **Responsible Individual(s):** CTE Program Coordinator

**Findings for Final project rubric**

No Findings Added

#### 5.3: Construct agreements that incorporate business and community organizations

**Measure:** Final project rubric  
Direct - Student Artifact

- **Details/Description:** CTE 671  
- **Target:** 80% enrolled will earn at least a 70 score  
- **Implementation Plan (timeline):** S2017/S2020  
- **Responsible Individual(s):** CTE Program Coordinator

**Findings for Final project rubric**

No Findings Added

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### Overall Recommendations

*No text specified*

### Overall Reflection

*No text specified*
Appendix

A. **MS in Career&Technical Ed curriculum map (new 2014)** (Curriculum Map)
B. **MS in Career&Technical Ed Tchr Licen** (Curriculum Map)