

SLO1 Students will demonstrate proficiency in personnel and resource management

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Plan Item was last modified on 5/12/23, 2:51 PM

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Template:

Student Learning Outcomes

Title of Outcome:

SLO1 Students will demonstrate proficiency in personnel and resource management

Outcome Statement:

Through a collaborative process including faculty and the program's advisory committee, we identified common critical components (CCCs) of knowledge, skills and abilities (KSAs) that students would need to be successful in the workforce. The KSA's became the foundation for the establishment of our student learning outcomes (SLOs). Once the SLOs were established we mapped the objectives to our program curricula. The objectives were identified in three stages: (1) introduced; (2) reinforced; and (3) competency attained. The last stage is the focus of the program assessment. To effectively assess competency, certain assessment tools were identified. These assessment tools have been mapped to each fire protection course in the program. The next step is to integrate the assessment tools in the protection courses syllabi as appropriate. Both SLO's and the course curricula will continue to be reviewed in an effort to provide Fire Protection Technology graduates with relevant and current KSA's.

Outcome Assessment Plan*:

FIP 120, FIP228, and FIP276 are used to assess this outcome. Multiple written assignments, group discussions, and quizzes will be used to validate performance. Additionally, resources from the National Fire Academy and FEMA are used for students to interact with the course content. All course assignments are mapped using the LMS and provide data for the outcome report. A small cadre of faculty leads students through the program and discusses routinely progress of the students. The LMS data will be used during this academic year to validate instructional methods. All assignments are linked to either a course outcome and/or a program outcome.

Indirect/Direct Assessment:

Indirect, Direct

Methodology:

Rubric, Pre/Post Evaluation, Reflection, Review existing data, Demonstration, Written paper/project, Quiz

Methodology Rationale:

Weekly written assessments, quizzes, and discussion boards are used to allow students to interact with the content and classmates. Additional National Fire Academy and FEMA resources are used to provide a broad range of assessment tools.

Target/Criteria:

80%

Assessment Results:

These first year and second year courses have proven to be successful in introducing the fire service to students new to the program and career. Assignment results showed that all of the students met the goal of 80% in relation to personnel and resource management. Students that were not successful typically did not complete the assignments. Program outcome data indicate the majority of students are successful in meeting established goals. Qualitative data also support the positive outcomes in relation to the Fire Protection Program.

All assignments linked to program outcomes:

FIP120

1. Course SLO1: 82%; 6 assignments
2. Course SLO2: 92%; 6 assignments
3. Course SLO3: 83%; 2 assignments
4. Course SLO4: 86%; 4 assignments
5. Course SLO5: 87%; 4 assignments
6. Course SLO6: 86%; 5 assignments
7. Course SLO7: 86%; 2 assignments
8. Program LO1 88%; 8 assignments
9. Program LO2 76%; 4 assignments
10. Program LO3 86%; 2 assignments

11. Program LO4 83%; 2 assignments
12. Program LO5 83%; 3 assignments

FIP228

1. Course SLO1: 71%; 3 assignments
2. Course SLO2: 93%; 4 assignments
3. Course SLO3: 93%; 5 assignments
4. Course SLO4: 65%; 2 assignments
5. Course SLO6: 64%; 2 assignments
6. Course SLO8: 70%; 3 assignments
7. Course SLO7: 92%; 6 assignments
8. Program LO1 93%; 9 assignments

FIP276

1. Course SLO1: 100%; 1 assignment
2. Course SLO2: 87%; 6 assignments
3. Course SLO3: 100%; 1 assignment
4. Course SLO4: 99%; 6 assignments
5. Course SLO6: 100%; 1 assignment
6. Program LO1 97%; 8 assignments
7. Program LO2 84%; 1 assignment

Linked Documents

There are no attachments.

Attached Files

There are no attachments.

Outcomes Results (Campus Labs Data Source):

This is the first year of linking all assignments to course/program outcomes. The results indicate some of the areas are having difficulty in student success.

Analysis and Interpretation of Results:

FEMA continues to update its online course library and we will continue to maintain current course content. This course meets National Fire Academy Course requirements (Principles of Emergency Services) set by FEMA. Additional assignments were implemented to provide additional opportunities to meet stated goals. FIP228: Plan is to combine Mid-term exams into one file so students understand the need to complete both portions.

Plan to Use Results for Improvement:

This is the first year we've used the LMS to map assignments to the course and program outcomes. We now have a consistent method to assess each course. This process will be used by program coordinators and deans/directors each semester to assure students are progressing through the program appropriately. Several of the course assignments will need to be examined to assure the material is adequately being addressed in class.

Progress:

Complete

Start:

7/1/2022

End:

6/30/2023

Providing Department:

Fire Protection Technology

Responsible Users:

Supporting Documentation:

Linked Documents

There are no attachments.

Attached Files

There are no attachments.

Related Items

No connections made

SLO2 Students will demonstrate proficiency in emergency scene management.

This view always presents the most current state of the plan item.

Plan Item was last modified on 5/12/23, 2:51 PM

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Template:

Student Learning Outcomes

Title of Outcome:

SLO2 Students will demonstrate proficiency in emergency scene management.

Outcome Statement:

Through a collaborative process including faculty and the program's advisory committee, we identified common critical components (CCCs) of knowledge, skills and abilities (KSAs) that students would need to be successful in the workforce. The KSA's became the foundation for the establishment of our student learning outcomes (SLOs). Once the SLOs were established we mapped the objectives to our program curricula. The objectives were identified in three stages: (1) introduced; (2) reinforced; and (3) competency attained. The last stage is the focus of the program assessment. To effectively assess competency, certain assessment tools were identified. These assessment tools have been mapped to each fire protection course in the program. The next step is to integrate the assessment tools in the protection courses syllabi as appropriate. Both SLO's and the course curricula will continue to be reviewed in an effort to provide Fire Protection Technology graduates with relevant and current KSA's.

Outcome Assessment Plan*:

EPT140 is used to assess this outcome. Multiple written assignments, group discussions, and quizzes will be used to validate performance. Additionally, resources from FEMA are used for students to interact with the course content. All course assignments are mapped using the LMS and provide data for the outcome report. A small cadre of faculty leads students through the program and discusses routinely progress of the students. The LMS data will be used during this academic year to validate instructional methods. All assignments are linked to either a course outcome and/or a program outcome.

Indirect/Direct Assessment:

Indirect, Direct

Methodology:

Methodology Rationale:

Weekly written assessments, quizzes, and discussion boards are used to allow students to interact with the content and classmates. Additional National Fire Academy and FEMA resources are used to provide a broad range of assessment tools.

Target/Criteria:

80%

Assessment Results:

This first-year course has proven to be successful in introducing the fire service to students new to the concept of emergency management. Assignment results showed that all of the students met the goal of 80% in relation to personnel and resource management. Students that were not successful typically did not complete the assignments. Program outcome data indicate the majority of students are successful in meeting established goals. Qualitative data also support the positive outcomes in relation to the Fire Protection Program.

All assignments are linked to program outcomes:

1. Course SLO1: 91%; 9 assignments
2. Course SLO2: 85%; 9 assignments
3. Course SLO3: 94%; 3 assignments
4. Course SLO4: 100%; 2 assignments
5. Course SLO5: 100%; 2 assignments
6. Course SLO6: 100%; 3 assignments
7. Program LO1: 86 %; 6 assignments
8. Program LO2: 94%; 4 assignments

Linked Documents

There are no attachments.

Attached Files

There are no attachments.

Outcomes Results (Campus Labs Data Source):

Results using the new method of tracking learning outcomes indicate this course is on track with the numbers of assignments meeting course and program learning outcomes.

Analysis and Interpretation of Results:

FEMA continues to update its online course library and we will continue to maintain current course content. Additional assignments were implemented to provide additional opportunities to meet stated goals. The Final Project allows the student to interact with all phases of disaster management through a current FEMA course. A final written exam assures competency in content.

Plan to Use Results for Improvement:

Results using the new method of tracking learning outcomes indicate this course is on track with the numbers of assignments meeting course and program learning outcomes.

Progress:

Complete

Start:

7/1/2022

End:

6/30/2023

Providing Department:

Fire Protection Technology

Responsible Users:**Supporting Documentation:**

Linked Documents
There are no attachments.

Attached Files
There are no attachments.

Related Items

No connections made

SLO3 Students will demonstrate proficiency in fire detection and suppression systems

This view always presents the most current state of the plan item.

Plan Item was last modified on 5/12/23, 2:52 PM

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Template:

Student Learning Outcomes

Title of Outcome:

SLO3 Students will demonstrate proficiency in fire detection and suppression systems

Outcome Statement:

Through a collaborative process including faculty and the program's advisory committee, we identified common critical components (CCCs) of knowledge, skills and abilities (KSAs) that students would need to be successful in the workforce. The KSA's became the foundation for the establishment of our student learning outcomes (SLOs). Once the SLOs were established we mapped the objectives to our program curricula. The objectives were identified in three stages: (1) introduced; (2) reinforced; and (3) competency attained. The last stage is the focus of the program assessment. To effectively assess competency, certain assessment tools were identified. These assessment tools have been mapped to each fire protection course in the program. The next step is to integrate the assessment tools in the protection courses syllabi as appropriate. Both SLO's and the course curricula will continue to be reviewed in an effort to provide Fire Protection Technology graduates with relevant and current KSA's.

Outcome Assessment Plan*:

FIP128 and FIP146 are used to assess this outcome. Multiple written assignments, quizzes, and discussion forums revolving around fire detection and fire cause determination. A mid-term written exam assesses the first half of the class and a final exam is comprehensive of the entire course. Lab assignments place the student in local businesses to interact with suppression systems. All course assignments are mapped using the LMS and provide data for the outcome report. A small cadre of faculty leads students through the program and discusses routinely progress of the students. The LMS data will be used during this academic year to validate instructional methods. All assignments are linked to either a course outcome and/or a program outcome.

Indirect/Direct Assessment:

Methodology:

Methodology Rationale:

Weekly written assessments, quizzes, discussion boards, and lab assignments are used to allow students to interact with the content and classmates.

Target/Criteria:

80%

Assessment Results:

These first year courses have proven to be successful in introducing fire detection and suppression systems to students new to the program and career. Assignment results showed that all of the students met the goal of 80% in relation to the topic. Students that were not successful typically did not complete the assignments. Program outcome data indicate the majority of students are successful in meeting established goals. Qualitative data also support the positive outcomes in relation to the Fire Protection Program.

Linked Documents

There are no attachments.

Attached Files

There are no attachments.

Outcomes Results (Campus Labs Data Source):

1. Course SLO1: 94%; 4 assignments
2. Course SLO2: 95%; 4 assignments
3. Course SLO3: 93%; 6 assignments
4. Course SLO4: 87%; 8 assignments
5. Course SLO5: 81%; 8 assignments
6. Program LO3: 93%; 10 assignments

Analysis and Interpretation of Results:

The linked assignments in the LMS provide for opportunities to assess topical areas of the courses. Course learning outcomes and program outcomes are linked and assure faculty are instructing to meet the planned criteria.

Plan to Use Results for Improvement:

This is the first year we've used the LMS to map assignments to the course and program outcomes. We now have a consistent method to assess each course. This process will be used by program coordinators and deans/directors each semester to assure students are progressing through the program appropriately.

Progress:

Complete

Start:

7/1/2022

End:

6/30/2023

Providing Department:

Fire Protection Technology

Responsible Users:**Supporting Documentation:**

Linked Documents
There are no attachments.

Attached Files
There are no attachments.

Related Items

No connections made

SLO4 Students will demonstrate proficiency in fire cause determination

This view always presents the most current state of the plan item.

Plan Item was last modified on 5/10/23, 9:51 AM

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Template:

Student Learning Outcomes

Title of Outcome:

SLO4 Students will demonstrate proficiency in fire cause determination

Outcome Statement:

Through a collaborative process including faculty and the program's advisory committee, we identified common critical components (CCCs) of knowledge, skills and abilities (KSAs) that students would need to be successful in the workforce. The KSA's became the foundation for the establishment of our student learning outcomes (SLOs). Once the SLOs were established we mapped the objectives to our program curricula. The objectives were identified in three stages: (1) introduced; (2) reinforced; and (3) competency attained. The last stage is the focus of the program assessment. To effectively assess competency, certain assessment tools were identified. These assessment tools have been mapped to each fire protection course in the program. The next step is to integrate the assessment tools in the protection courses syllabi as appropriate. Both SLO's and the course curricula will continue to be reviewed in an effort to provide accounting graduates with relevant and current KSA's.

Outcome Assessment Plan*:

FIP128 is used to assess this outcome. Multiple written assignments, group discussions, and quizzes will be used to validate performance. A mid-term case study permits the students to interact with course content up to the mid point of the class. The final exam expands on the same case study to reinforce the topics. All course assignments are mapped using the LMS and provide data for the outcome report. A small cadre of faculty leads students through the program and discusses routinely progress of the students. The LMS data will be used during this academic year to validate instructional methods. All assignments are linked to either a course outcome and/or a program outcome.

Indirect/Direct Assessment:

Methodology:

Methodology Rationale:

Weekly written assessments, quizzes, and discussion boards are used to allow students to interact with the content and classmates.

Target/Criteria:

80%

Assessment Results:

This first-year course has proven to be successful in introducing fire-cause determination to students new to the program and career. Assignment results showed that all of the students met the goal of 90% in relation to the topic. The one student that was not successful and did not complete the assignments. Program outcome data indicated that 75% of students were successful in meeting established goals. Qualitative data also support the positive outcomes in relation to the Fire Protection Program.

Linked Documents

There are no attachments.

Attached Files

There are no attachments.

Outcomes Results (Campus Labs Data Source):

This SLO is assessed in one of the fall classes and was not used by linking the assignments in 2022. Moving forward, the assignments have now been linked and will be assessed using that method beginning in FA/23. The linked assignments in the LMS provide for opportunities to assess topical areas of the courses. Course learning outcomes and program outcomes are linked and assure faculty are instructing to meet the planned criteria.

Analysis and Interpretation of Results:

This is the first year we've used the LMS to map assignments to the course and program outcomes. We now have a consistent method to assess each course. This process will be used by program coordinators and deans/directors each semester to assure students are progressing through the program appropriately. This SLO will be assessed using the new LMS linking procedures beginning in FA/23.

Plan to Use Results for Improvement:

This SLO is an entry-level objective on fire investigations. The assignments used appear to be adequately meeting the needs of the outcome. Three of the four students completing the course received an "A" in the course. The one who was not successful did not complete all of the assignments. Our plan is to train faculty teaching each class to use the reporting mechanism in the LMS to monitor any assignments causing student difficulty and adjust as needed.

Progress:

Complete

Start:

7/1/2022

End:

6/30/2023

Providing Department:

Fire Protection Technology

Responsible Users:

Supporting Documentation:

Linked Documents
There are no attachments.

Attached Files
There are no attachments.

Related Items

No connections made

SLO5 Students will demonstrate proficiency in fire prevention and code enforcement

This view always presents the most current state of the plan item.

Plan Item was last modified on 5/12/23, 2:54 PM

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Template:

Student Learning Outcomes

Title of Outcome:

SLO5 Students will demonstrate proficiency in fire prevention and code enforcement

Outcome Statement:

Through a collaborative process including faculty and the program's advisory committee, we identified common critical components (CCCs) of knowledge, skills and abilities (KSAs) that students would need to be successful in the workforce. The KSA's became the foundation for the establishment of our student learning outcomes (SLOs). Once the SLOs were established we mapped the objectives to our program curricula. The objectives were identified in three stages: (1) introduced; (2) reinforced; and (3) competency attained. The last stage is the focus of the program assessment. To effectively assess competency, certain assessment tools were identified. These assessment tools have been mapped to each fire protection course in the program. The next step is to integrate the assessment tools in the protection course syllabi as appropriate. Both SLOs and the course curricula will continue to be reviewed in an effort to provide Fire Protection Technology graduates with relevant and current KSAs.

Outcome Assessment Plan*:

FIP124 is used to assess this outcome. Multiple written assignments, group discussions, and quizzes will be used to validate performance. A mid-term fire prevention program project permits the students to interact with course content up to the midpoint of the class. The final exam expands on the same project to reinforce the topic. All course assignments are mapped using the LMS and provide data for the outcome report. A small cadre of faculty leads students through the program and discusses routinely progress of the students. The LMS data will be used during this academic year to validate instructional methods. All assignments are linked to either a course outcome and/or a program outcome.

Indirect/Direct Assessment:

Indirect, Direct

Methodology:

Reflection, Review existing data, Demonstration, Written paper/project, Quiz

Methodology Rationale:

Weekly written assessments, quizzes, and discussion boards are used to allow students to interact with the content and classmates.

Target/Criteria:

80%

Assessment Results:

This first-year course has proven to be successful in introducing fire prevention and code enforcement to students new to the program and career. Assignment results showed that all of the students met the goal of 90% in relation to the topic (the last time it was taught). Students that were not successful typically did not complete the assignments. Program outcome data indicate the majority of students are successful in meeting established goals. Qualitative data also support the positive outcomes in relation to the Fire Protection Program. This course was last assessed in FA/21 and was not taught in FA/22. Results in 202 indicate 100% of the class was successful. Twelve of the fourteen students received a grade of "A" with the other two receiving a final grade of "B".

Linked Documents

There are no attachments.

Attached Files

There are no attachments.

Outcomes Results (Campus Labs Data Source):

The linked assignments in the LMS provide for opportunities to assess topical areas of the courses. Course learning outcomes and program outcomes are linked and assure faculty are instructing to meet the planned criteria.

Analysis and Interpretation of Results:

This is the first year we've used the LMS to map assignments to the course and program outcomes. We now have a consistent method to assess each course. This process will be used by program coordinators and deans/directors each semester to assure students are progressing through the program appropriately. This course is scheduled to be taught again in FA/23.

Plan to Use Results for Improvement:

This SLO is an entry-level objective on fire prevention and public education. The assignments used appear to be adequately meeting the needs of the outcome. Twelve of the fourteen students completing the course received an "A" in the course. The two received a "B" in the course. Our plan is to train faculty teaching each class to use the reporting mechanism in the LMS to monitor any assignments causing student difficulty and adjust as needed.

Progress:

Complete

Start:

7/1/2022

End:

6/30/2023

Providing Department:

Fire Protection Technology

Responsible Users:

Supporting Documentation:

Linked Documents
There are no attachments.

Attached Files
There are no attachments.

Related Items

No connections made