

# WEIE Instructor Survey

## What is this survey about?

By completing this survey, you have an opportunity to describe your experiences with a technician education course. This survey is part of a research project that seeks to describe the different instructional programs and classroom activities in workforce training programs. We will also use your responses to help us prepare for an interview we will schedule with you later in the school year.

The survey will take approximately **30 minutes** to complete.

Participation in this research project and completing this survey is voluntary. You may decline to participate at any time.

## How will the information be used?

Your answers will be *confidential*. The reports prepared for this study will summarize findings across the sample at an aggregate level and will not associate responses with a specific college or individual. We will not provide information that identifies you, your students, or your college to anyone outside the study team, except as required by law.

We appreciate your time and effort for filling out this survey.

## Section 1 - Course Material & Industry Technology

**1. Thinking about the last 2-3 years, have there been *noteworthy* changes in the curriculum materials you use for this course?**

- Yes
- No

**List changes in curriculum and the source that influenced that change.**

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**2. Do you use industry-related equipment or software to support your instruction?** (e.g., diagnostic equipment or software, machine tools, fabrication equipment etc.)

- Yes
- No

**Do students receive hands-on training on this equipment or software?**

- Yes
- No



**3. How often is this technology updated?**

- Every year
- Every 2-3 years
- Every 4-5 years
- Every 6+ years
- NA

**4. Is updating the technology conducted with industry participation, or solely by the college?**

- With industry participation
- Solely by the college
- Other

**Please explain "other":**

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**5. What percent of time is given to the following modes of instruction over the course of the semester? (Enter "0" if none.)**

- Lecture (%) \_\_\_\_\_
- Discussion of readings \_\_\_\_\_  
(%) \_\_\_\_\_
- Hands-on activities (%) \_\_\_\_\_
- Labs (%) \_\_\_\_\_
- Skill practice (%) \_\_\_\_\_
- Other (%) \_\_\_\_\_
- TOTAL (must equal \_\_\_\_\_  
100%)**

**5b. Please explain what the other mode of instruction is that takes {Q5\_f}% of your time.**

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## Section 2 - Course Assessments

Tell us about quizzes, final exams, assignments, and projects that you use to assess student learning in the course. Please answer the questions in this section by referring to the instruction in this particular course.

**6. What type of assessments do you use during the course?** *(Choose all that apply.)*

- Multiple choice quizzes or exams
- Written short- or extended-response quizzes or exams
- Projects resulting in an individual or group work product
- Performance tasks *(i.e., students are judged on how well they apply specific skills or procedures)*
- Other

**Please describe "other":**

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**7. Is there a culminating project or assessment that requires students to apply a majority of the concepts and skills covered during the semester?**

- Yes
- No

**8. Do any of the assessments require students to collaborate or work together in pairs or small groups?**

- Yes
- No

## Section 3 - Course Labs / Hands On Activities

Tell us about the nature and frequency “hands-on” activities where students are given opportunities to learn and practice skills in real world environments.

**9. How frequently do you engage in “hands-on” activities with equipment, simulators, or software?**

- None
- Every class
- Every other class
- Several classes a semester
- Once a semester
- Other

**Please describe "other":**



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**10. What is the primary work that students engage in during these “hands-on” activities?** *(Choose all that apply.)*

- Specified exercises with problem sets or lab reports
- Practice technical procedures
- Diagnose/troubleshoot
- Other

**Please describe "other":**

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## Section 4 - Learning Opportunities & Instructional Practices in “Critical Units”

Identify the most critical unit of instruction in the course. The unit should typically be at least one full week of instruction that contains the most important concepts, skills, or procedures that the students need to learn during the course. Although there may be more than one of these units in the course, we are asking you to select only one for the purpose of completing this survey.

11a. Record the label or name for the critical unit.

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11b. Indicate if the unit occurs during the beginning, middle, or end of course.

- Beginning
- Middle
- End

**QUESTIONS 12-19 ARE ALL ABOUT THIS SAME ONE CRITICAL UNIT YOU HAVE IDENTIFIED ABOVE.**

## Section 4 - Learning Opportunities & Instructional Practices in “Critical Units”

**PLEASE ANSWER THE FOLLOWING QUESTIONS ABOUT YOUR CRITICAL UNIT: {Q11\_a}**

12. What is the typical length of the critical unit?

- One week
- Two weeks
- Three weeks
- Four weeks
- More than four weeks

**Please specify the length:**

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13. Thinking about {Q11\_a}: What are your main learning goals for the students?



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**14. What are the intended knowledge, skills, and procedures that students are expected to develop?** *(Choose all that apply.)*

- Conceptual understanding of the foundational theories and science underlying technical skills
- Technical skills and procedures
- Diagnostic and/or problem solving skills
- Teamwork / collaboration
- Communication / presentation skills
- Other

**Please explain "other":**

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## Section 4 - Learning Opportunities & Instructional Practices in "Critical Units"

**PLEASE ANSWER THE FOLLOWING QUESTION ABOUT YOUR CRITICAL UNIT: {Q11\_a}**

**15. What percent of class time during this critical unit is given to the following activities?** *(Enter "0" if none.)*

Lecture (%) \_\_\_\_\_  
Discussion of readings \_\_\_\_\_  
(%) \_\_\_\_\_  
Hands-on activities (%) \_\_\_\_\_  
Labs (%) \_\_\_\_\_  
Skill practice (%) \_\_\_\_\_  
Other (%) \_\_\_\_\_  
**TOTAL (must equal 100%)** \_\_\_\_\_

## Section 4 - Learning Opportunities & Instructional Practices in "Critical Units"

**15b. Please explain what the other activity is that takes {Q15\_f}% of class time during your critical unit.**

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## Section 4 - Learning Opportunities & Instructional Practices in “Critical Units”

**PLEASE ANSWER THE FOLLOWING QUESTIONS ABOUT YOUR CRITICAL UNIT: {Q11\_a}**

**16. What are the assignments students need to complete for this critical unit inside and outside of class- or lab- time?** *(Choose all that apply.)*

- Readings
- Solving problem set(s)
- Projects with creation of a work product or worked solutions
- Research/reports
- In-class presentations
- Other

**Please describe "other":**

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**17. Do students have the opportunity to do the following?** *(Choose one for each item.)*

- |  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| a. Develop and practice various forms of communication | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Develop and practice time management skills         | <input type="checkbox"/> | <input type="checkbox"/> |

## Section 4 - Learning Opportunities & Instructional Practices in “Critical Units”

**PLEASE ANSWER THE FOLLOWING QUESTIONS ABOUT YOUR CRITICAL UNIT: {Q11\_a}**

**18. What types of feedback (written or oral) do students receive on their work during this critical unit and from whom (instructor, peers, others)? The feedback may come occur inside or outside of class.** *(Choose all that apply.)*

- |                            | Instructor               | Peers                    | Other Sources of feedback<br>(e.g., industry representatives) |
|----------------------------|--------------------------|--------------------------|---|
| a. Written                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>                                      |
| b. Oral                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>                                      |
| c. Online and/or email     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>                                      |
| d. Other types of feedback | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>                                      |



## Section 4 - Learning Opportunities & Instructional Practices in “Critical Units”

Please identify the other sources of feedback you indicated in the previous question. (e.g., industry representatives)

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Please describe the other types of feedback you indicated in the previous question.

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**19. What types of assessments are used during this critical unit?** (Choose all that apply.)

- Quizzes
- Final exams
- Homework/assignments
- Projects
- Group work
- Lab work
- Other

Please describe "other":

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## Section 5 - Your Students

### 20. What percent of your students are in the following age categories?

(Provide an estimate for each category - enter "0" if none.)

% that are current high school students \_\_\_\_\_

(<18)

% that are recent high school graduate \_\_\_\_\_

(18-22)

% that are adults out of school for 4 or more years (23+) \_\_\_\_\_

### 21. Of the percentage of adults in your class, what percent *already* have college degrees (associates or bachelors)? (Enter "0" if none.)

% of adults with a college degree \_\_\_\_\_

### 22. What percent of your students are in the following categories?

(Provide an estimate for each category - enter "0" if none.)

% of students seeking a job certificate \_\_\_\_\_

% of students seeking college a degree \_\_\_\_\_

(associates or bachelors)

% of other students \_\_\_\_\_

## Section 5 - Your Students

### 22b. Please describe who the other {Q22\_c}% of your students are.

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## Section 6 - Tell us about You

### 23. What is your status as an instructor?

- Full time
- Part time/Adjunct/Lecturer

### 24. How long have you been teaching the course that has been the subject of this survey at this college?

- First time
- Typically, teach it each year
- Alternate the teaching responsibilities with others over time
- Other

**Please describe "other":**

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### 25. How long have you been teaching at this college?

- New instructor
- 1-5 years
- 6-10 years
- More than 10 years

## Section 6 - Tell us about You

### 26. Do you currently work in a related industry position, in addition to teaching?

- Yes
- No

### 27. What was your college major?

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**Thank you for your participation!**

*Click "Submit" to save your responses (window will close).*

