

## **ADEA Micro-credential: Promoting Critical Thinking Submission Form**

### **Directions**

1. Review the full [Promoting Critical Thinking Micro-credential](#) criteria on ADEA eLearn or the prompts only throughout this document.
2. Create or select existing work-based portfolio artifacts for submission in Section 3
3. Create responses for Sections 2 and 3 that relate directly to the portfolio artifacts.
  - a. Responses should be added directly to this file (starting on page 2 below).
4. Review your submission to ensure that it meets each category's "Proficient" rating in the [grading rubric](#) for each section
5. Save this file with your final responses and [submit](#) on ADEA eLearn. Note that
  - a. Submissions are collected on January 15 and July 15
  - b. Allow up to for 8 weeks for review
  - c. Submissions that do not receive a "Proficient" rating in any category will be asked to revise and resubmit at no extra charge
  - d. Submissions that earn a "Proficient" rating in each category will earn the ADEA Micro-credential and be issued a digital badge to verify the achievement

### **Helpful Guidelines**

1. All submission responses and artifacts should relate directly to the [goals and objectives/outcomes](#) of this micro-credential.
2. Section 1 and 2 responses should be created specifically for submission of this micro-credential.
3. Questions? Contact [learn@adea.org](mailto:learn@adea.org)

Section 1: Overview Questions (See Section 1 [Grading Rubric](#))

**Section 1, Question 1**

*Motivation* – Why is the topic of teaching and assessing critical thinking meaningful for you? Please discuss the value this micro-credential has for your professional work and practice. Specifically, explain how teaching and assessing critical thinking supports or enhances your professional development within dental education.

**Instructions**

1. Provide your answer below. Responses should be text-based and between 500-750 words (excluding any citations).

**Section 1, Question 2**

*Training* – Provide the three (3) most significant or impactful resources used to support your development of relevant knowledge and skills in this area (e.g., activities, training, courses, learning experiences, individual study of important literature or other formal or informal professional development). Describe each activity or resource and explain how it supported your learning in this area. You must include a minimum of three examples and must include citations or links for any resources that you cite. To the extent possible, demonstrate variety in the format or type of learning experiences you discuss.

**Instructions**

1. Provide your answer below. Responses must be text-based and between 500-750 words (excluding any citations).

**Section 1, Question 3**

*Concept* – What is critical thinking? Describe in detail your conception of critical thinking, and how it would apply to your specific area of dental education.

**Instructions**

1. Provide your answer below. Responses must be text-based and between 500-750 words (excluding any citations).

**Section 1, Question 4**

*Assessment* – How do you support the current assessment of your learners' critical thinking skills? How do you create assessments that enable an active learning and decision-making environment?

**Instructions**

1. Provide your answer below. Responses must be text-based and between 500-750 words (excluding any citations).

## Section 1, Question 5

*Community Engagement* – Provide evidence of community engagement within the area of teaching and assessment of critical thinking. Acceptable evidence may include registration for a relevant workshop and/or conference, or a presentation on critical thinking teaching and assessment at a relevant workshop and/or conference. The evidence may also include participation in an ADEA Connect discussion board or engagement with a community partner.

### Instructions

1. Identify evidence of community engagement within the topic area.
2. Describe the community engagement and/or provide links that demonstrate this evidence below.
3. If including links, ensure they are accessible for at least 2 months after the next micro-credential submission deadline (Jan. 15 or July 15).

Section 2: Reflection Questions (See Section 2 [Grading Rubric](#))

**Section 2, Question 1**

*Critical Assessment of Portfolio Work:* Provide a self-assessment of your submitted portfolio artifacts. Address the following aspects:

- What was your primary purpose or goal in creating these works?
- Who is the intended audience and what is the intended use or application?
- How is your work informed by current information, literature and practices in this topic area?
- How have you been able to or how will you assess the effectiveness or impact of your work?
- As you reflect on your work, how do you plan to make revisions or change directions?

**Instructions**

Provide your answer below. Responses must be text-based and between 1,000 -1,250 words.

**Section 2, Question 2**

*Relevant Ethical Considerations* – Provide a summary and description of relevant ethical considerations associated with teaching and assessing critical thinking and describe how you might elect to address these ethical challenges. Complex topics with social/ethical relevance in practicing dentistry can be engaging for students, provide a real-world context for learning classroom content and foster critical thinking. You may choose to focus on such examples or any other relevant ethical consideration you deem appropriate for this topic area.

**Instructions**

Provide your answer below. Responses must be text-based and between 500-750 words (excluding any citations).



**Section 2, Question 3**

*Supporting Diversity, Equity and Inclusion* – In what ways can work in this topic area support diversity, equity and inclusion efforts in dental education? How can critical thinking skills help to decrease institutional bias in patient care? Provide specific, actionable suggestions or recommendations. You may choose to focus on application of these efforts toward the following:

- Patient experience and patient care;
- Experience of learners in the learning environment;
- Legislation, policies or practices that directly support diversity, equity and inclusion efforts; or
- Other relevant applications

**Instructions**

Provide your answer below. Responses must be text-based and between 500-750 words (excluding any citations).

### Section 3: Portfolio Artifact (See Section 3 [Grading Rubric](#))

#### Section 3

**Submission Criteria:** Submission Criteria: A minimum of three (3) artifacts are needed for submission. The artifacts should support and reflect your previous responses in Sections 1 and 2, and should include the following:

- At least two (2) artifacts should be evidence to support the educational material and/or activities you have created to teach foundational critical thinking skills.
- At least one (1) artifact should be related to learners' assessments and feedback in critical thinking.

Potential formats for each artifact include:

- Peer-reviewed manuscripts,
- Lesson plans,
- Learning activities,
- Learning session materials (files or recordings),
- Videos, Role-play videos and/or scripts
- Presentation recordings,
- Case studies, Case materials for use in educational settings or
- Workshop materials.

#### Instructions

1. Provide URLs of the artifacts below. Ensure each link is accessible for at least 2 months after the next submission deadline (Jan. 15 or July 15).
2. If needed, use the space below to provide access instructions or context for the files.
3. Submissions must adhere to all relevant privacy laws.