

# Course Syllabus

[Jump to Today](#)

 [Edit](#)

[Instructor and Course Details](#) | [Course Description](#) | [Grading Policies](#) | [Course, School, and University Policies](#)

## Instructor and Course Details

**Instructor:** Dr. Cassie F. Quigley, PhD

**Email:** [cquigley@pitt.edu](mailto:cquigley@pitt.edu) (<mailto:cquigley@pitt.edu>)

(<mailto:cassieq@clemsun.edu>)

**Phone:** 864-373-3505

**Office:** Office under renovation

**Zoom Office Hours:** By Appointment

**Office Hours:** TBA

**Contacting Your Instructor:** Email is the best way to get in touch with me. University guidelines require students and instructors to use university email accounts to conduct course-related electronic correspondence, so please only use your @pitt.

**Email Response Time:** You can expect a response to your email inquiries within 36 hours, excluding weekends and university holidays.

**Course Number:** IL 2007

**School:** School of Education

**Department:** Teaching, Learning, and Leading

**Term:** Spring 2020

**Class Location:** Online

**Course Start Date:**

**Course End Date:**

# Course Description

This course is part of the four-course STEAM Certificate process. It is designed to help you integrate, peer-review and reflect on STEAM teaching. During this course, you will implement your previously created STEAM Unit Plan, video a STEAM lesson and share it with others in the class, receive feedback from instructors and colleagues, and reflect on how you will refine your teaching moving forward.

# Learning Outcomes

After completing this course, students will be able to:

- Implement, reflect on, and revise a STEAM unit plan.
- Evaluate classmates' lesson plans.
- Synthesize critical feedback of STEAM teaching
- Analyze implementation practices and describe plans for future teaching.

# Prerequisites

ED 8700: STEAM Instructional Design and ED 8710/8711: STEAM Transdisciplinary Teaching are prerequisites for this course.

# Required Materials and Skills

All assigned readings and videos are integrated into the Canvas modules you will complete. Due dates are listed on the [course schedule](#). You will also need a Google Apps for Education account. (CCIT provides [detailed instructions for setting up your Google Apps for Education account](#) ([http://www.clemson.edu/ccit/email\\_accounts](http://www.clemson.edu/ccit/email_accounts)).) This course contains video content, so you will need to have access to speakers and/or headphones.

Students should check their Clemson Gmail accounts and the course Canvas site regularly and respond accordingly. This course requires students to use many online tools and websites, so basic fluency with accessing Internet resources is a required competency. Course participants should also be comfortable performing basic computing skills, including attaching files to email messages, creating and saving documents in word processing programs, and backing up files.

For technical assistance with the online course site, students should contact [ithelp@clemson.edu](mailto:ithelp@clemson.edu) (<mailto:ithelp@clemson.edu>) or visit [CCIT's website](http://www.clemson.edu/ccit/) (<http://www.clemson.edu/ccit/>).

# Instructional Strategies

This course will draw on video lectures, collaborative group work, interactive discussions, readings, and refinement of assignments.

## Assessment Strategies

Assessment Strategies will include ongoing observation of activity in online forums, evaluation of written participation, work, and projects/media activities.

## Grading Policies

All points and grades will be communicated via the Grades tab in Canvas. This will allow me to post grades and comment on your progress as well as provide you with ongoing feedback on your progress in the course.

I will return your graded work within 72 hours, excluding weekends and official university holidays.

Late assignments will receive a deduction of 10%; and will not be accepted one week past the due date.

## Graded Work

I will calculate your grade using a 100-point scale. Points are distributed as follows:

Grading Breakdown

Assignment	Points
Participation	30 points
Assignments	40 points
Final Paper	30 points
<b>TOTAL</b>	<b>100 points</b>

## Grading Scale

The following table breaks down the point ranges associated with each letter grade:

Grading Scale

Percentage (%)	Letter Grade
94 - 100	A
90 - 93	A-
87-89	B+
83 - 86	B
80- 82	B-
74 - 79	C
64 - 73	D

## Graded Activities

**Participation and Discussion Boards (30 points):** You are expected to log in to the course Canvas site weekly, complete each module's requirements by the deadlines listed in the [course schedule](#), and contribute to all discussion boards on time. For this portion of your grade, you will complete 9 graded discussion activities. The first discussion activity is worth two points; the remaining eight activities are worth three points each.

**Assignments (40 points):** You will complete the following four assignments, each of which is worth 10 points:

1. [Unit Plan Talk-through](#)
2. [Video STEAM Lesson](#)
3. [Journal Entries](#)
4. [Peer Review Video Lessons](#)

**Midterm Project (4 points):** For this project, you will compare and contrast traditional instruction and STEAM instruction.

**Final Paper (30 points):** Your final paper will require you to write a 4-5 page paper that synthesizes what you've learned in the course.

## Course, School, and University Policies

### School of Education Mission

**We ignite learning.** We strive for well-being for all. **We teach.** We commit to student, family, and community success. **We commit to educational equity.** We advocate. We work for justice. **We cultivate relationships.** We forge engaged partnerships. **We collaborate.** We learn with and from

communities. **We innovate and agitate.** We pursue and produce knowledge. We research. **We disrupt and transform inequitable educational structures.** We approach learning as intertwined with health, wellness, and human development. We address how national, global, social, and technological change impacts learning. **We shape practice and policy.** We teach with and for dignity. We think. We dream. **We lead with integrity.** We are the School of Education at the University of Pittsburgh.

**Attendance** Learning is a social process. You are expected to log on to Canvas and work through the modules weekly, be an active participant on the discussion boards, and collaborate with students in the course. In the event of prolonged absences in which you do not participate in the prior (due to sickness or family emergency), you should contact me via email (cquigley@pitt.edu) or phone (864-373-3505). Absence from online classes (failure to log in and progress in the course each week) is not a valid excuse for failing to meet deadlines or fulfill course requirements, and it will result in a deduction of participation points. Extreme emergencies will be handled on an individual basis.

**Email** Because privacy regulations stipulate that faculty and staff communicate with students only through authorized University channels, please use your University email account or Canvas's messaging system to contact me.

**Copyright** All materials found in this course are strictly for the use of students enrolled in this course and for purposes associated with this course; they may not be retained or further disseminated. Clemson students, faculty, and staff are expected to comply fully with institutional copyright policy as well as all other copyright laws.

**Privacy Policy** This course is designed with your privacy in mind. If, however, you feel that an assignment or technology tool undermines your right to privacy, please contact me immediately. We will work together to determine an alternative assignment that will help you achieve the course learning outcomes.

**Online Conduct** Appropriate online academic conduct means maintaining a safe learning environment based on mutual respect and civility. All participants in Pitt online courses are expected to behave professionally by adhering to these standards of conduct:

- Never transmit or promote content known to be illegal.
- Respect other people's privacy as well as your own.
- Forgive other people's mistakes.
- Never use harassing, threatening, embarrassing, or abusive language or actions.

Online communication that fails to meet these standards of conduct will be removed from the course. Repeated misconduct may result in being blocked from online discussions, receiving a grade penalty, or being dismissed from the course. Such misconduct in the online environment may also be reported to officials for appropriate action in accordance with University policy. If you ever encounter inappropriate content in our course, please contact your instructor with your concerns.

## Late Assignment Policy

The pace of the class requires that you do not fall behind in assignments; thus, late assignments will not be accepted unless arrangements have been made with the course instructor **in advance of the due date**. If an extension is needed for assignments, this must be arranged before the due date and will be granted for only the most extenuating of circumstances. All assignments are due by 11:59pm on the due date unless otherwise noted on Canvas. Late assignments will be penalized 10% for each day late (including weekends). No assignment will be accepted after three days past the due date.

**Note:** if you are granted an extension with an agreed-upon new due date and the assignment is not turned in by that date, there will be no credit given for the assignment.

## Revising assignments

If your work on an assignment is graded below 80% you may revise and resubmit it one time. However, you should consult with the course instructor before doing so. **This consultation should be made within one week of receiving your returned assignment.** Re-submissions should be submitted with the original submission. The highest grade you can receive on a resubmitted assignment is an 80%. This will replace your original grade.

## Course, School, and University Policies:

### Academic Integrity

Students in this course will be expected to comply with the University of Pittsburgh's Policy on Academic Integrity. Any student suspected of violating this obligation for any reason during the semester will be required to participate in the procedural process, initiated at the instructor level, as outlined in the University Guidelines on Academic Integrity. This may include, but is not limited to, the confiscation of the examination of any individual suspected of violating University Policy. Furthermore, no student may bring any unauthorized materials to an exam, including dictionaries and programmable calculators.

### Disability Services

If you have a disability that requires special testing accommodations or other classroom modifications, you need to notify both the instructor and Disability Resources and Services no later than the second week of the term. You may be asked to provide documentation of your disability to determine the appropriateness of accommodations. To notify Disability Resources and Services, call (412) 648-7890 (Voice or TTD) to schedule an appointment. The Disability Resources and Services office is located in 140 William Pitt Union on the Oakland campus.

### TLL Departmental Grievance Procedures:

The purpose of grievance procedures is to ensure the rights and responsibilities of faculty and students in their relationships with each other. When a student in DIL believes that a faculty member has not met his or her obligations (as an instructor or in another capacity) as described in the Academic Integrity Guidelines, the student should follow this procedure:

1. The student should talk directly to the faculty member to attempt to resolve the matter.
2. If the matter cannot be resolved at that level, the student should talk to the relevant program coordinator.
3. If the matter remains unresolved, the student should talk to the associate chair of DIL
4. If needed, the student should next talk to the SOE associate dean of students.
5. If the matter still remains unresolved, the student should file a written statement of charges with the dean's designated Academic Integrity Administrative.

## **Civility Commitment**

As future or current teachers, we will operate from a standpoint that everyone believes that all students deserve a quality education in a safe setting. The same can be said for university learning. A university classroom is, by definition, a space where a free exchange of ideas must happen, but where consideration for others, their views, and their life experiences is also paramount. When you are uncomfortable with an idea, it is your right to speak up about that. As we learn with and about people with very different life experiences and beliefs from our own, it is imperative that we respect these perspectives and use respectful language in discussing and challenging ideas. Carefully consider your language choices to ensure that all learners feel safe and valued. If at any time, you are uncomfortable please feel free to speak out and/or speak to me privately.

## **Sexual Harassment**

The University of Pittsburgh is committed to the maintenance of a community free from all forms of sexual harassment. Sexual harassment violates University policy as well as state, federal, and local laws. It is neither permitted nor condoned. It is also a violation of the University of Pittsburgh's policy against sexual harassment for any employee or student at the University of Pittsburgh to attempt in any way to retaliate against a person who makes a claim of sexual harassment. Any individual who, after thorough investigation and an informal or formal hearing, is found to have violated the University's policy against sexual harassment, will be subject to disciplinary action, including, but not limited to, reprimand, suspension, termination, or expulsion. Any disciplinary action taken will depend upon the severity of the offense. For more information, see the [Pitt Anti-Harassment Statement Policy](https://www.diversity.pitt.edu/civil-rights-title-ix-compliance/policies-procedures-and-practices/anti-harassment-policy-statement) (<https://www.diversity.pitt.edu/civil-rights-title-ix-compliance/policies-procedures-and-practices/anti-harassment-policy-statement>)

## **Diversity and Inclusion Statement**

I consider this classroom to be a place where you will be treated with respect, and I welcome individuals of all ages, backgrounds, beliefs, ethnicities, genders, gender identities, gender expressions, national origins, religious affiliations, sexual orientations, ability – and other visible and nonvisible differences. All

members of this class are expected to contribute to a respectful, welcoming, and inclusive environment for every other member of the class.

## **Names and Pronouns**

I will gladly honor your request to address you by your name and pronoun (that may differ from the school records). Please advise me of this preference early in the term so that I may make appropriate changes to my records. You may email me at [cquigley@pitt.edu](mailto:cquigley@pitt.edu) (<mailto:cquigley@pitt.edu>) or tell me in person in class, whichever is most comfortable to you! I want to be sure you feel yourself and comfortable in our class community.

## **Copyright Statement**

These materials may be protected by copyright. United States copyright law, 17 USC section 101, et seq., in addition to University policy and procedures, prohibit unauthorized duplication or retransmission of course materials. See Library of Congress Copyright Office and the University Copyright Policy.

## **Statement on Classroom Recording**

To ensure the free and open discussion of ideas, students may not record classroom lectures, discussion and/or activities without the advance written permission of the instructor, and any such recording properly approved in advance can be used solely for the student's own private use.

## **G-grades**

If unforeseen events (such as major illness) prevent a student from timely completion of course work he/she may request a meeting with the instructor to discuss the possibility of earning a "G" grade for the term. If both student and instructor agree to the "G" grade, they collaboratively write a document that describes, in detail, what the student needs to do to complete the required course work and the time frame (not to exceed one academic year) within which he/she must do so. Upon receiving all work, the course instructor would evaluate the work and send forward to the Associate Dean a request for the permanent grade.

## **Food/Housing Insecurity**

Many students, both undergraduate and graduate, experience housing and/or food insecurity that can impact their academic work and general health. Please know there are resources available to you that are confidential. Of course, you are welcome to speak with me if you need support in contacting the right people/offices:

## **Pitt Pantry**

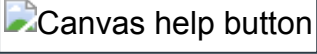
**Food Pantry** (<https://www.studentaffairs.pitt.edu/pittserves/sustain/pantry/>) available to the wider University community

## **Off-Campus Housing Office:**



Find out about [off-campus housing](http://www.ocl.pitt.edu/) [\(http://www.ocl.pitt.edu/\)](http://www.ocl.pitt.edu/)

## Technical Support

Contact Pitt IT for technical assistance by submitting a [helpdesk ticket links](https://www.technology.pitt.edu/services)  [\(https://www.technology.pitt.edu/services\)](https://www.technology.pitt.edu/services). Click on the Help Icon  on the course global navigation menu to get assistance with canvas,

## Course Summary:

Date	Details	Due
Sun Apr 11, 2021	 <a href="https://canvas.pitt.edu/courses/99645/assignments/614026">Lesson 5 Discussion: Engaging Students with a Hook</a> <a href="https://canvas.pitt.edu/courses/99645/assignments/614026">(https://canvas.pitt.edu/courses/99645/assignments/614026)</a>	due by 11:59pm
Tue May 18, 2021	 <a href="https://canvas.pitt.edu/courses/99645/assignments/614012">Identifying STEAM</a> <a href="https://canvas.pitt.edu/courses/99645/assignments/614012">(https://canvas.pitt.edu/courses/99645/assignments/614012)</a>	due by 11:59pm
Wed May 19, 2021	 <a href="https://canvas.pitt.edu/courses/99645/assignments/614011">Creating STEAM Scenarios</a> <a href="https://canvas.pitt.edu/courses/99645/assignments/614011">(https://canvas.pitt.edu/courses/99645/assignments/614011)</a>	due by 11:59pm
Wed May 19, 2021	 <a href="https://canvas.pitt.edu/courses/99645/assignments/614013">Problem Scenario</a> <a href="https://canvas.pitt.edu/courses/99645/assignments/614013">(https://canvas.pitt.edu/courses/99645/assignments/614013)</a>	due by 11:59pm
Sun May 23, 2021	 <a href="https://canvas.pitt.edu/courses/99645/assignments/614028">How to Engage Students in the STEAM Problem: A Hook</a> <a href="https://canvas.pitt.edu/courses/99645/assignments/614028">(https://canvas.pitt.edu/courses/99645/assignments/614028)</a>	due by 11:59pm
Sun May 23, 2021	 <a href="https://canvas.pitt.edu/courses/99645/assignments/614027">Hook Creation</a> <a href="https://canvas.pitt.edu/courses/99645/assignments/614027">(https://canvas.pitt.edu/courses/99645/assignments/614027)</a>	due by 11:59pm
Mon May 24, 2021	 <a href="https://canvas.pitt.edu/courses/99645/assignments/614003">Lesson 1: Unit-Plan Walk Throughs</a> <a href="https://canvas.pitt.edu/courses/99645/assignments/614003">(https://canvas.pitt.edu/courses/99645/assignments/614003)</a>	due by 11:59pm
Wed May 26, 2021	 <a href="https://canvas.pitt.edu/courses/99645/assignments/614029">Putting it All Together</a> <a href="https://canvas.pitt.edu/courses/99645/assignments/614029">(https://canvas.pitt.edu/courses/99645/assignments/614029)</a>	due by 11:59pm
Fri May 28, 2021	 <a href="https://canvas.pitt.edu/courses/99645/assignments/613839">Lesson 1 Discussion: Unit Plan Talk-throughs</a> <a href="https://canvas.pitt.edu/courses/99645/assignments/613839">(https://canvas.pitt.edu/courses/99645/assignments/613839)</a>	due by 11:59pm

Date	Details	Due
Sun Jun 6, 2021	 <a href="#">Lesson 2 Assignment: Journal Entries</a> ( <a href="https://canvas.pitt.edu/courses/99645/assignments/613844">https://canvas.pitt.edu/courses/99645/assignments/613844</a> )	due by 11:59pm
Wed Jun 9, 2021	 <a href="#">Lesson 2 Discussion: Journal Entry Discussion</a> ( <a href="https://canvas.pitt.edu/courses/99645/assignments/613838">https://canvas.pitt.edu/courses/99645/assignments/613838</a> )	due by 11:59pm
Sun Jun 13, 2021	 <a href="#">Lesson 2 Assignment: Video STEAM Lesson</a> ( <a href="https://canvas.pitt.edu/courses/99645/assignments/613845">https://canvas.pitt.edu/courses/99645/assignments/613845</a> )	due by 11:59pm
Wed Jun 16, 2021	 <a href="#">Lesson 3 Assignment: Peer Review Video Lessons</a> ( <a href="https://canvas.pitt.edu/courses/99645/assignments/613846">https://canvas.pitt.edu/courses/99645/assignments/613846</a> )	due by 11:59pm
Sun Jun 20, 2021	 <a href="#">Lesson 4 Discussion: Overcoming Challenges to STEAM Education</a> ( <a href="https://canvas.pitt.edu/courses/99645/assignments/613833">https://canvas.pitt.edu/courses/99645/assignments/613833</a> )	due by 11:59pm
Wed Jun 23, 2021	 <a href="#">Final Paper</a> ( <a href="https://canvas.pitt.edu/courses/99645/assignments/613842">https://canvas.pitt.edu/courses/99645/assignments/613842</a> )	due by 11:59pm
	 <a href="#">Course Evaluations</a> ( <a href="https://canvas.pitt.edu/courses/99645/assignments/613841">https://canvas.pitt.edu/courses/99645/assignments/613841</a> )	