Huston-Tillotson’s CAIT² Coding Academy is a collaborative project supported by the Apple Community Education Initiative. The goal of the initiative is to help prepare faculty to bring coding, creativity and community connected learning experiences to Huston-Tillotson University. Through training academies, selected educators will receive support to guide a small student-group to develop and implement a plan to integrate coding into their programs using Everyone Can Create and Everyone Can Code, and build curriculum based on iOS Intro to App Development and iOS App development with SWIFT.

Faculty Benefits

- Participate in comprehensive yearlong professional learning program
- Earn badges and certifications along the way
- Use of an Apple device (if desired)
- Earn up to nine graduate credits, or CEUs through Lamar University with successful completion of the coursework with no cost to the educator
- Learn and apply innovative strategies that transforms desirable student learning outcomes
- Strengthen the affective, intellectual and social aspects of academic life

Faculty Requirements

To participate in this program, faculty must agree to meet the requirements listed below:

- Prior to the coding academy, complete the following requirements:
  - Attend 2 synchronous online on-boarding events led by the Community Education Initiatives Team. These will be offered multiple times between July 13-24, 2020.
Complete a checklist of self-paced activities to prepare you to use the provided hardware and software you will need to be successful during the coding academy and beyond.

Commit to participation in professional learning opportunities including the following mandatory events/training sessions:

- Virtual orientation event(s)
- Summer online professional learning to build foundational skills
- Virtual Coding Academy
- Participate in Lamar University Fall (required) and Spring Courses (optional)
- Bring coding experiences to HTU during the Spring 2021 Semester
- Other online meetings as needed

Develop and implement a plan to integrate coding into their programs/curriculum using the Everyone Can Create and Everyone Can Code curriculum, and facilitate community app challenges through Challenge Based Learning principles

Organize and facilitate a showcase for students to present their projects to the community

Document the work in your classroom/learning environment and create a final presentation to be shared at a culminating spring event, hosted either by Apple Inc. or HT’s Center for Academic Innovation and Transformation.

**Timeline**

**Summer 2020**
- July 13 - 24: Virtual Orientation—attend any two (2) synchronous online on-boarding session
- July 13-24: Summer Online Professional Learning (Synchronous and Asynchronous)
- July 28-July 30, 2020: Virtual Coding Academy
- July 31, 2020: Internal Briefing facilitated by the CAIT (virtual 30-minute meeting)

**Fall 2020**
- August 2020: Introduce CAIT² Coding Academy to desired class(es)—identify student group
- August-December, 2020: Fall online course with Lamar University and Apple CEI Team
- September 7: report list of student participates to the CAIT
- September 25: Internal Briefing facilitated by the CAIT (virtual 30-minute meeting)
• October 23: Internal Briefing facilitated by the CAIT (virtual 30-minute meeting)
• November 2020: Course Integration Plan Due
• November 20: Internal Briefing facilitated by the CAIT (virtual 30-minute meeting)

**Spring 2021**
• January 2021: Integration of curriculum classes, courses, clubs begin
• January-May 2021: Spring online course with Lamar University (optional)
• January 29: Internal Briefing facilitated by the CAIT (virtual 30-minute meeting)
• February 19: Internal Briefing facilitated by the CAIT (virtual 30-minute meeting)
• Spring 2021: Community App showcase event
• Spring 2021: Innovation Plans and Pitches

*Subject to change*

Faculty interested in the CAIT\(^2\) Coding Academy should contact The Center for Academic Innovation and Transformation at [cait@htu.edu](mailto:cait@htu.edu), or phone 512.505.6460