

# SE/EE/CPR E/CYB E 492 – Spring 2024

## PrairieLearn Senior Design Team

### Week 13 Report

February 17 - February 23

Faculty Advisors: Phillip Jones

#### Team Members:

Chris Costa - Auto-Drawing

Matt Graham - Emulator

Mitch Hudson - Technical Lead - ARM Assembly Auto grading

Carter Murawski - Note Taker

Tyler Weberski - Project Manager, Auto-Drawing

Andrew Winters - *Role not yet assigned*

#### Summary for Progress this Week

- Created ARM autograder
- Working on HW12
- Continued peer reviews and getting HWs ready for TA review
- Implementing Prairielearns recommended drawing technique

#### Past Week Accomplishments

- HW1 pushed
- Cleaning up git, getting rid of templates and questions previously made by groups before us and ourselves.
- Updated a lot of homeworks and performed many peer reviews

#### Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Chris Costa	Started working on hw 9 comments and review, worked on hw 5, and researched drawing in prairieLearn		67
Matt Graham	Reviewed homework 9, made changes from peer review of homework 5, researched pi pico emulator	6	74
Mitch Hudson	Wrote assembly autograder using QEMU Started process of adding ARM syntax highlighting to ACE editor Started process of adding ARM autograder to PrairieLearn repo Wrote HW12 question 2 Wrote assembly autograding writeup	22	172
Carter Murawski	Researched pi pico	2	63
Tyler Weberski	wrote hw5-q2 over with Prairie Learns drawing method that they recommend.	5	71

	Completely randomized all inputs for that drawing, and can identify inputs, outputs, and ports associated with the problem		
Andrew Winters	wrote HW12 question 1, looked into starting 3	6	68

### Comments and Extended Discussion

- TA review document link:  
[https://docs.google.com/document/d/1U\\_E2vA8zJmP2FQb-ZPSnxSUaQaosqQoOGCLGKJOyeM0/edit](https://docs.google.com/document/d/1U_E2vA8zJmP2FQb-ZPSnxSUaQaosqQoOGCLGKJOyeM0/edit)
- Course content access roles documentation:  
<https://prairielearn.readthedocs.io/en/latest/course/#course-content-access-roles>

### Plans for Coming Week

- Homework 8 development and Auto-drawing technology development
- Filling out Auto-drawing documentation

### Summary of Weekly Advisor Meeting

- Come up with and sort module names in PL
- What will a manual grader see on their end
- Have HW 1,2 and 3 ready for review
- Setting up who is moving forward with different technologies