



# Construction Management Summer Bootcamp 2022

Mason Heinse

Sample Framing Exercise

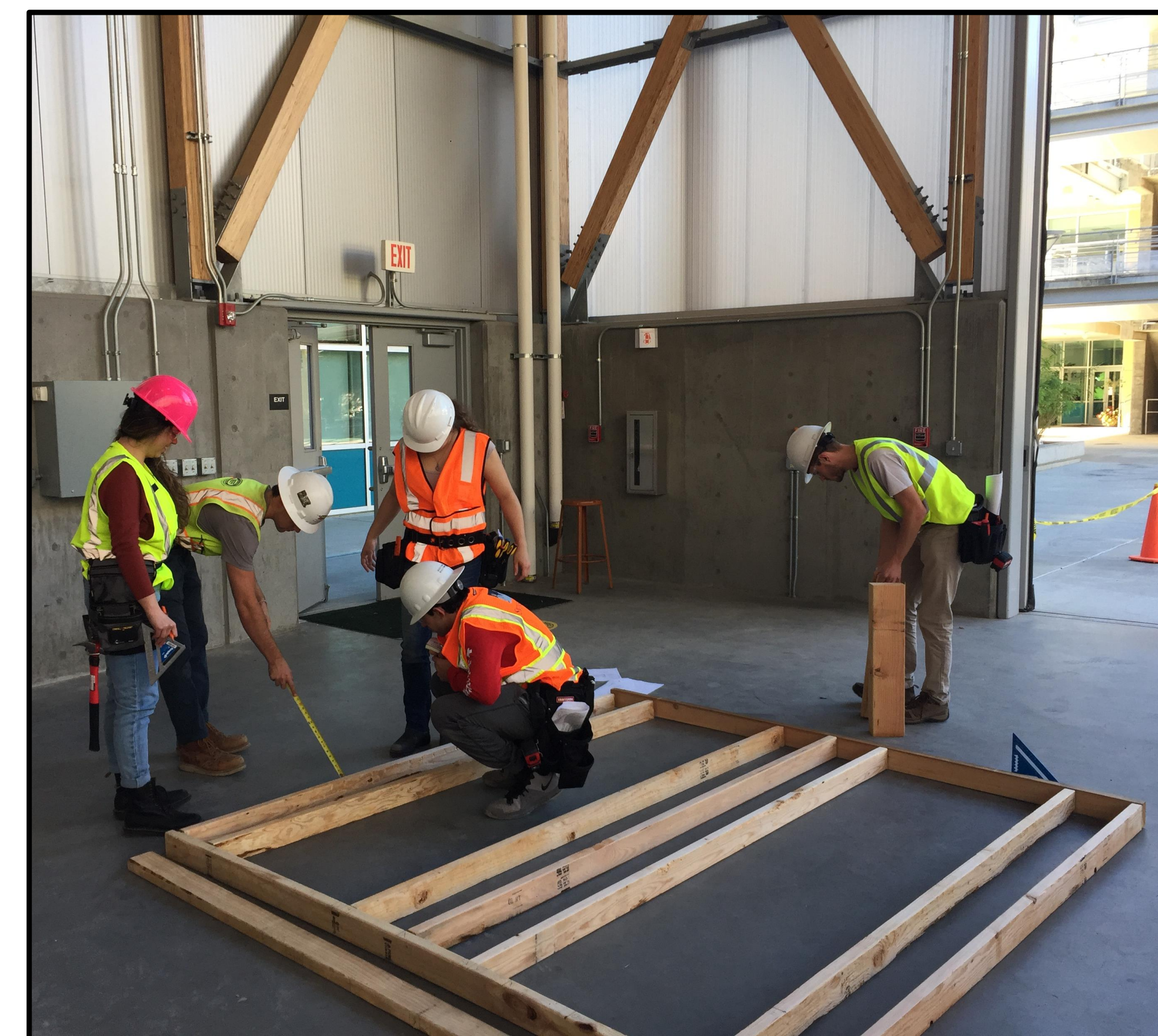
## Abstract

This project is intended to assist high school seniors in achieving their fourth-year requirement for the Building Industry Technology Academy, or BITA program. The Construction Management Summer Bootcamp aims to provide students with 40 hours of the required 120 hours for the fourth-year curriculum. This will include providing construction trade demonstrations, introduction to construction management concepts, and the fulfillment of the Service-Learning Project requirement, where students will build a project to donate to an organization with a specific community need.

Keywords: BITA, Training, Schedule, Trades, Education

## About BITA

- The BITA program is a four-year construction trades training curriculum, promoted by the California Homebuilding Foundation, and offered as a Career Technical Education (CTE) program.
- The objective of this program is to generate interest for young students to pursue a career in the construction industry.



## Weekly Schedule

Site Management & Concrete	Day 1 July <b>23</b>
Safety & Framing	Day 2 July <b>24</b>
Trade Sequencing & Sheet Metal	Day 3 July <b>25</b>
Construction Technology & MEP	Day 4 July <b>26</b>
Finish Carpentry & Graduation	Day 5 July <b>27</b>

## Daily Schedule

Safety & Framing		Day 2 July <b>24</b>
8:00AM-9:00AM:	Breakfast & Daily Agenda (Open Q&A for Attendees)	
9:00AM-9:45AM:	Stretch & Flex - Toolbox Topic (OSHA Toolbox Talk Requirements / 15 Min Break @9:45)	
10:00AM-11:45AM:	Work Sequencing & Carpentry Demo (Framing Layout, Measure & Cut Lumber)	
11:45 AM-12:30 PM:	Lunch Break	
12:30 PM-1:30PM:	Estimating Exercise - Plan Reading (Material Quantity Takeoff)	
1:30 PM-2:30PM:	Framing Demonstration (Intro to Week-Long Group Project/15 Min Break @ 2:30)	
2:45 PM-4:15 PM:	Week-Long Service Learning Project	
4:15 PM-4:30 PM:	Clean-up / Lessons Learned (P.O.D for Wednesday)	



**CAL POLY**  
Construction Management