

IT'S HAMMER TIME

INSTRUCTOR: Shannon Arms
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CONSTRUCTION
detailing & management
MON 10 - 12 @ TBD

This class will focus on completing the ADA Accessible Ramp at the CASL House and is about **BUILDING**

Over ten weeks students will work collaboratively with local design and construction professionals to plan and complete aspects of the ADA ramp necessary to have a universally accessible entrance to the CASL House by December 2014.

You'll get your hands dirty while building gabion retaining walls, learning hands-on about grading and drainage, installing decking and paving, pouring concrete footings & foundations, planting a native & storm water management garden, and wiring exterior lighting systems.

10-11am :
Workparty Workshop
11-12pm :
Construction Meeting

WORK with local PROFESSIONALS

GET CONNECTED

In this class you will -

Get PREPARED for Winter TECH STUDIO

LEARN TO BUILD THINGS

Have a BUILT PROJECT in YOUR
PORTFOLIO

**STAND OUT
FROM THE CROWD**

Plus!

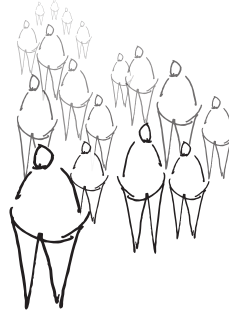
**2.0 CREDITS OF
TECH TOPIC**

You will have two roles
in this class



BUILD LEAD

For 3-4 weeks



CONSTRUCTION CREW

All remaining weeks

WEDNESDAYS

1. Attend construction meeting
2. Lead workshop to prepare for workparty

OUT OF CLASS

1. Contact local professional
3. Draft & consult on workparty plan
4. Lead in-class workparty workshop
5. Work with classmates to prepare for and lead workparty

**50%
GRADE**

WEDNESDAY

1. Attend construction meeting & workshop

OUT OF CLASS

1. Work with Build Lead to prepare for workparty
2. Attend workparty

**50%
GRADE**

schedule

MONDAY

- 9/29**
- Overview of CASL, visit project, review construction set.
 - Review budget, schedule
- 10/6**
- Workshop: Site Documentation (w/ Brad Stangeland?)
- 10/13**
- Workshop: Excavation & Drainage
 - Construction Meeting: **troubleshoot issues, review budget & schedule**
- 10/20**
- Workshop: Footing & Foundations
 - Construction Meeting
- 10/27**
- Workshop: Timber Decking I (vertical elements, decking & finishing)
 - Construction Meeting
- 11/3**
- Workshop: Rough Grading, Sub grade Infrastructure (lighting & irrigation)
 - Construction Meeting
- 11/10**
- Workshop: Retaining Walls & Paving
 - Construction Meeting
- 11/17**
- Workshop: Handrails & Accessibility (handrails)
 - Construction Meeting
- 11/24**
- Workshop: Planting & Lighting I (above ground elements)
 - Construction Meeting

REMAINDER OF WEEK

- Independently review construction set, budget & schedule
- Build lead sign ups

Site marking for Excavation & Drainage during week 3

Excavation & Drainage Workparty:
(Acquire all materials, tools and draft a work plan in advance)

Footing & Foundations Workparty

Timber Decking I Workparty

Rough Grading & Sub grade Infrastructure Workparty

Retaining Walls & Paving Workparty

Handrails Workparty

Planting & Lighting Workparty

WEEK 1

WEEK 2

WEEK 3

WEEK 4

WEEK 5

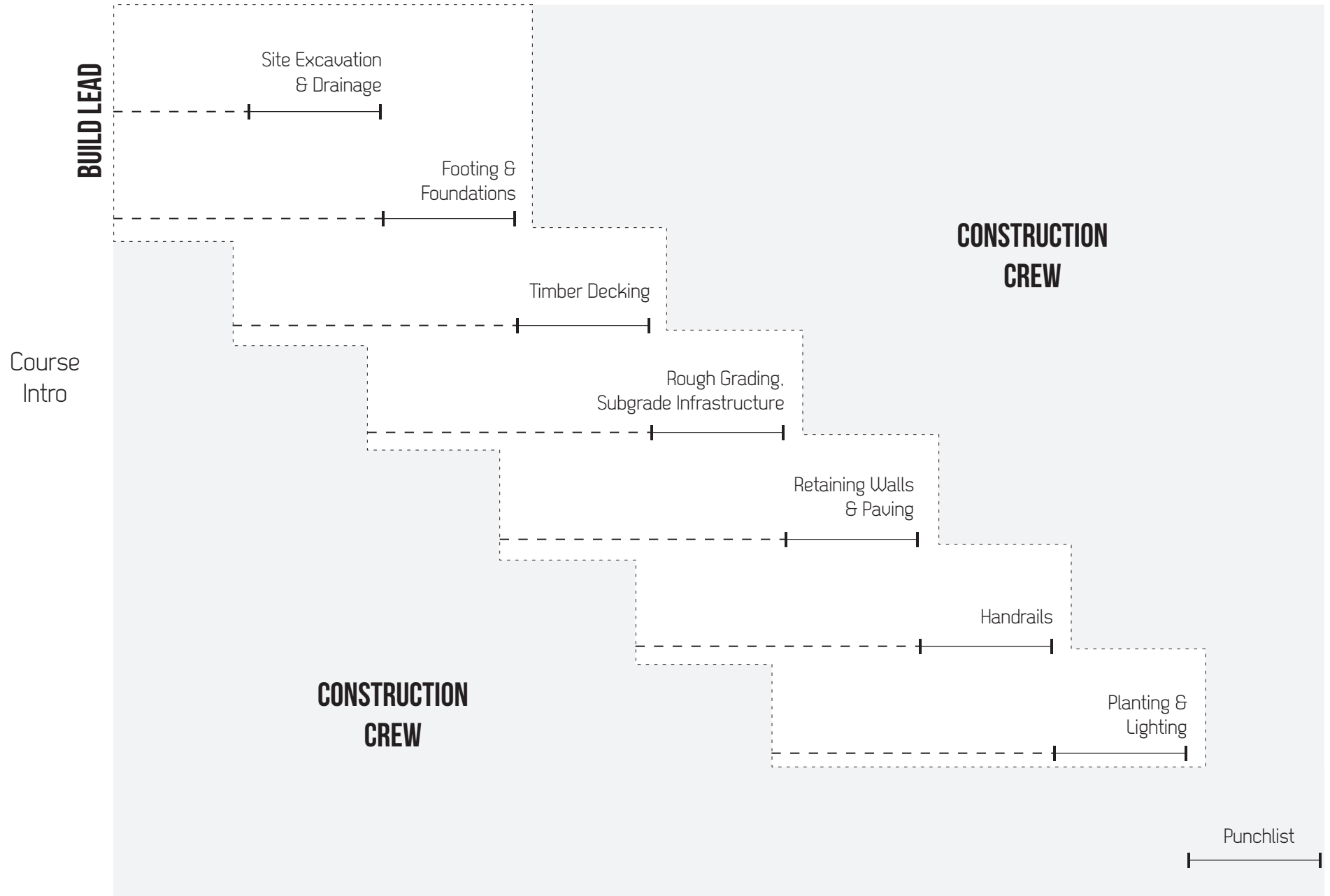
WEEK 6

WEEK 7

WEEK 8

WEEK 9

FINALS



Course Intro

BUILD LEAD

CONSTRUCTION CREW

CONSTRUCTION CREW

Punchlist