

**MC READY MAY 18, 2018**

**DIG DEEP GO PRO**



**MC*****READY***

Going **PRO**

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# TODAY'S AGENDA

- 1) THINGS IN PLAY
- 2) SCHEDULE
- 3) EMPLOYMENT READINESS
- 4) MC READY INTRO TO CONSTRUCTION  
MANAGEMENT



# THINGS IN PLAY

HANGING IN THERE

## TEAM 2 ROCKS!

- Thanks for hanging in there.
- Keep the commitment – dig deep.



# SCHEDULE

A lot happening

## MC READY CONST MGMT (MAY 16 - JUNE 15)

 Classroom (Mondays & Fridays)

- @MCA Training Center  
3130 Pinetree Road
- 10AM – 2:30PM

 Hands-On Lab Experience (Wednesdays)

- @Lansing Makers Network  
2400 W. St. Joseph St
- 10AM – 2:30PM



# TEAM 2 - WEEK OF MAY 26

MOVING AROUND

-  Monday, May 27 - OFF
-  Tuesday, May 28 – Introduction to Concrete @MCA Training Center
-  Wednesday, May 29 – Hands-On Experience @LansingMakersNetwork
-  Thursday, May 30 – MCR Const Mgmt @MCA Training Center
-  Friday, June 1 – Heavy Equipment Experience @AISHETI

# MC READY LEVEL 1 TOPICS

~~1) ATTIRE~~

~~2) EATING HABITS~~

~~3) NUTRITION~~

4) *PERSONAL  
COMMUNICATION*

5) *PERSONAL ORGANIZATION*

6) *TRUST BUILDING*

~~7) PHYSICAL FITNESS~~

~~8) FINANCIAL LITERACY~~

9) RESPONSIBLE DRIVING

10) FAFSA\*

*11) EMPLOYMENT READINESS*

12) *DIGITAL LITERACY*

13) CONSTRUCTION HAND TOOLS?

14) FUNDAMENTAL CONSTRUCTION  
MATH?

15) 5 S'S OF LEAN CONSTRUCTION

16) CONSTRUCTION MANAGEMENT  
BASICS

17) OSHA 10-HOUR & ~~CPR/FIRST AID~~

18) WASTE DISPOSAL/RECYCLING

~~19) MICHIGAN LAWS & REGULATIONS~~



A person is holding up their right palm towards the camera. The palm is open, with fingers spread. On the palm, the words "WHAT'S YOUR STORY?" are written in marker. "WHAT'S" and "YOUR" are in blue, and "STORY?" is in red. The person has blonde hair and is wearing a light blue t-shirt with a green pattern. The background is solid black.

WHAT'S  
YOUR  
STORY?

# RESUMES

TELL YOUR STORY



## Resumes

- Traditional – Chronological
- Modern – Stylized, Easy-to-Read
- Curriculum Vitae (CV)



## Formatting

- Within the resume
- Spelling, grammar
- Style







## Resume Components

1. Objective – One sentence statement
2. Qualifications – Match job posting
3. Work Experience – Paid & Volunteer
4. Education & Training



# APPLICATIONS

-  Have information READY
-  Complete/Respond to ALL fields
-  Write legibly
-  Make time for online applications
-  Track email & phone
-  If posted “Not accepting applications” ask to leave a resume & cover letter

# COVER LETTER

Your are ready!

Refer to job posting.

Find a part of your story to 'highlight'

One-page

Match/compliment resume format

Ask/assert for the position.

Thank them.

Refer to future discussion...



# TWO QUESTIONS?

## WHAT DO YOU WANT TO BUILD?

### INDUSTRY SUBSECTORS

The construction industry's four subsectors each have different owner types, contractual requirements, licensing, regulations, scopes of work, and data sets kept by various government agencies and industry interests:



#### RESIDENTIAL

The residential sector builds, remodels, and maintains the buildings where we all live. Approximately 50 percent of residential builders construct new homes or apartments. Remodeling, service, and maintenance comprise the remaining 50 percent of activity in this sector.



#### COMMERCIAL

The commercial sector builds, remodels, and maintains the buildings where we work, learn, heal, and worship. Also known as nonresidential building construction, the commercial sector represents approximately one-third of overall construction spending on a national level.



#### INFRASTRUCTURE

The infrastructure sector builds and maintains roads, bridges, water and sewer systems, and other critical public works. Infrastructure workers truly change the world by providing the essential services we humans rely on.



#### INDUSTRIAL

The most specialized of the subsectors, Industrial workers build complex buildings and facilities all around the globe. Power plants, chemical plants, and refineries are built by the industrial construction sector.

## WHO DO YOU WANT TO BE? OCCUPATIONAL CATEGORIES

The jobs people do in construction are best categorized into five categories. It is important to note that the specific terms used to describe occupations vary greatly. For example, a commercial carpenter is not the same as a residential carpenter. Licensing requirements, qualifications, skills, tasks, and access points for carpentry careers in the residential sector are not the same as for carpenters who want to work in the commercial sector. So just the term carpenter is not sufficient. Most construction occupations have different career paths specific to each of the four industry subsectors.

#### CONSTRUCTION MANAGEMENT

Specific occupations include:  
Project Administrator, Cost Estimator,  
Construction Manager Supervisor, etc.



#### CONSTRUCTION TRADES

Specific occupations include:  
Bricklayer, Carpenter, Plumber,  
Heavy Equipment Operator, etc.



#### EQUIPMENT, MATERIALS, AND SUPPLIES

Specific occupations include:  
Materials Engineer, Product  
Representative, Material Handlers, etc.



#### ARCHITECTURE, DESIGN, AND ENGINEERING

Specific occupations include:  
Architect, Civil Engineer, Surveyor  
Interior Designer, etc.






#### TESTING AND INSPECTION

Specific occupations include:  
Building Inspector, Construction  
Material Testing Technician, etc.



# CMN CONTENT

MANAGING CONSTRUCTION

-  Look at the Industry in Real Time
-  Class syllabus example
-  Preview Monday





## **RESIDENTIAL**

The residential sector builds, remodels, and maintains the buildings where we all live. Approximately 50 percent of residential builders construct new homes or apartments. Remodeling, service, and maintenance comprise the remaining 50 percent of activity in this sector.

### **3 SEGMENTS**

1. Single Family - New Construction
2. Apartment Buildings
  - 3-stories or less
3. Remodeling/Renovation/Repair





## COMMERCIAL

The commercial sector builds, remodels, and maintains the buildings where we work, learn, heal, and worship. Also known as nonresidential building construction, the commercial sector represents approximately one-third of overall construction spending on a national level.

### 8 SEGMENTS

1. Lodging
2. Office
3. Commercial
4. Health Care
5. Educational
6. Religious
7. Public Safety
8. Manufacturing

### BUILDING TYPES

1. Hotels
2. Office Buildings
3. Restaurants
4. Urgent Care/Hospital
5. High School/University
6. Church
7. Fire Station
8. Factory





## INFRASTRUCTURE

The infrastructure sector builds and maintains roads, bridges, water and sewer systems, and other critical public works. Infrastructure workers truly change the world by providing the essential services we humans rely on.

### 5 SEGMENTS

1. Transportation
2. Highway and Streets
3. Sewage & Waste Disposal
4. Water Supply
5. Conservation & Development

### PROJECT TYPES

1. Rail Stations
2. Roads & Bridges
3. Water Treatment
4. House Supply Lines
5. Brownfield & Environmental Clean-up





## INDUSTRIAL

The most specialized of the subsectors, industrial workers build complex buildings and facilities all around the globe. Power plants, chemical plants, and refineries are built by the industrial construction sector.

### 4 SEGMENTS

1. Communication
2. Power
3. Amusement & Recreation

### PROJECT TYPES

1. Cell Towers
2. Power Plant/Solar Panels
3. Cedar Point/Stadiums
4. Chemical Plants
5. Refineries







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**CONSTRUCTION**

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