

**MC READY MAY 3, 2018**

**DIG DEEP GO PRO**



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

Going **PRO**



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# TODAY'S AGENDA

## 1) THINGS IN PLAY



# THINGS IN PLAY

KEEP DIGGING

 **OSHA 10 & CPR/FIRST AID**

 **NCCER CERTIFICATIONS**

 **FRIDAY AIS TRIP**

 **LCC ALTERNATIVE**

# TODAY'S AGENDA

- 1) THINGS IN PLAY
- 2) BE EMPLOYED. BE AN ADULT.
- 3) SO YOU WANT TO BE A CONSTRUCTION WORKER...
- 4) INSTANT CHALLENGES



# 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



# CONSTRUCTION OCCUPATIONAL CATEGORIES

## 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 & SUPPLIES

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



## ARCHITECTURE, DESIGN & ENGINEERING

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



## TESTING AND INSPECTION

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

# PRIMARY MICHIGAN BUILDING LAWS

1. Skilled Trades Regulation Act PA 407 of 2016
2. Occupational Code Act PA 299 Of 1980
3. Stille-DeRossett-Hale Single State Construction Code Act 230 of 1972
4. MDOT Road Design Manual



# SKILLED TRADES REGULATION ACT PA 407 OF 2016


- Sets licensing requirement for [X](#)
  - Electricians
  - Plumbers
  - HVAC Technicians
  - Boiler Operators & Engineers
  - Building Officials/Inspectors
- Recent Amendment [X](#)





# GOOD MORAL CHARACTER

FAIR, HONEST, AND OPEN MANNER

 Occupational License for Former Offenders  
(Excerpt) Act 381 of 1974 [X](#)



# PRIMARY MICHIGAN BUILDING LAWS

1. Skilled Trades Regulation Act PA 407 of 2016
2. Occupational Code Act PA 299 of 1980



# OCCUPATIONAL CODE ACT PA 299 OF 1980

- Sets licensing requirements for [X](#)
  - Architects
  - Professional Engineers
  - Professional Surveyors
  - Residential Builders
  - Maintenance & Alteration Licenses

# PROFESSIONAL LICENSES

BACHELORS DEGREE REQUIRED

## MI Licensing Guides

- Engineers X
- Architects X
- Surveyors X



# RESIDENTIAL BUILDERS LICENSE

MINIMUM 6 HOURS EACH

## 60-hours prelicensure education X

1. Business management, estimating, and job costing.
2. Design and building science.
3. Contracts, liability, and risk management.
4. Marketing and sales.
5. Project management and scheduling.
6. The current Michigan residential code.
7. Construction safety standards promulgated under the Michigan occupational safety and health act, 1974 PA 154, MCL 408.1001 to 408.1094.



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INTERNATIONAL  
CODE  
COUNCIL®

[www.iccsafe.org](http://www.iccsafe.org)



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4. MDOT Road Design Manual [X](#)



# FINAL NOTES

 Tomorrow Bring Laptop (if possible)

 Monday

- LCC Room #U241
- 10AM-2:30PM
- 30-minute on campus lunch
- Sean will use this time.



# RESOURCES

1. Skilled Trades Regulation Act PA 407 of 2016  
PDF Link: [https://www.legislature.mi.gov/\(S\(jj3fhriathy1lozw33k2tknr\)\)/documents/mcl/pdf/mcl-Act-407-of-2016.pdf](https://www.legislature.mi.gov/(S(jj3fhriathy1lozw33k2tknr))/documents/mcl/pdf/mcl-Act-407-of-2016.pdf)
2. Occupational Code Act PA 299 Of 1980  
PDF Link: <http://www.legislature.mi.gov/documents/mcl/pdf/mcl-act-299-of-1980.pdf>
3. Stille-DeRossett-Hale Single State Construction Code Act 230 of 1972  
PDF Link: <http://www.legislature.mi.gov/documents/mcl/pdf/mcl-act-230-of-1972.pdf>
4. MDOT Road Design Manual  
Link: <https://mdotcf.state.mi.us/public/design/roadmanual/>
5. International Code Council. [www.iccsafe.org](http://www.iccsafe.org)



# **MICHIGAN** **CONSTRUCTION**

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