

APR 140/141

By: APR 140/141 Students and Instructor

NCCER

NCCER in the non abbreviated way is the National Center for Construction Education and Research, they provide an apprenticeship program that starts out with the basics for all trades and then the second year dives deeper into the career specialty for you.

NCCER is one of the few nationwide programs that gives you the credentials to almost immediately get on any job site nationwide.



NCCER

Our class is taking the first year of this apprenticeship program. By taking this class we will ahead of the herd.



What is OSHA?

OSHA is an organization that trains people who are wanting to go into the trades, with ways to recognize and eliminate potential hazards on the work site. The way they do this is they look at some of the most common injuries and hazards, and break them down into modules you can learn at your own pace. There are over 30 different OSHA credentials you can earn, Although we worked on the OSHA 10 safety course. The other credentials that are named by the time spent learning are OSHA 30, 100 and 500. They are supposed to take the amount of time that are said in the names but from experience there is a good chance that it will take longer than the said time.



OSHA

(Occupational Safety and Health Administration)
Having an OSHA certificate is important. It shows your employers you have taken at least your 10 hour safety course. You might think that the most important thing in construction is how fast or how good the finished product is. While that is definitely important, Construction is one of the most dangerous career choices out there. Safety on the job site will always be priority number one.



Material we learned

Course PreTest	✓	Excavations	100%
Introduction to OSHA (Construction)	100%	Materials Handling, Storage, Use, and Disposal	100%
Fall Hazards	100%	Scaffolds	100%
Avoiding Electrocution Hazards (Construction)	100%	Hand and Power Tools	100%
Struck-By Hazards	100%	Safe Driving Practices	100%
Caught-In or -Between Hazards	100%	Emergency Action Plans and Fire Protection (Construction)	100%
Personal Protective Equipment	100%	Cranes	100%
Health Hazards in Construction	100%	Welding & Cutting	100%

What is an apprenticeship program?

When you are finished with your first year of the core, Companies will look for people who are wanting to learn there skill/trade and take them in the teach and learn on the real job. But get this, you are getting payed to learn. While you are on the job learning hands on you will also still need to take classes and night a few days out of the week. This would be the year 2 core and that class is specific to the trade you are doing. For example Construction and cement would not be the same class. They both have many of their own things to learn about there skill.



Apprenticeship

The average amount someone in a apprentice would expect to be paid would be roughly 22\$ an hour, Around every six months you are learning you are projected a raise. By the end of your apprenticeship you should be working for roughly 25-30\$ an hour.



Projects:

- Dugout

Rebuilding the weather damaged dugout at the District Office

- Pronto Pup shed

Planning, and creating a storage shed

- Riverbend Watchtower

- NBFD storage building

- FNRL tool shed

- campus projects



Challenges We Face

Us as a class face certain challenges when planning and executing a build. Projects start at a materials list, once finished with that a cut list, then to construction.

With multiple lists of materials and lengths needed, we also need to be able to draw out our plan, and be able to read a construction drawing.

Physical challenges include things like making sure things are plum/square, matching our math results to a physical project, correcting mistakes, and taking the time to learn proper techniques before making cuts or nailing boards.