

## ONE-YEAR PROGRAM

- Technical Diploma
- 37 Credits
- Financial Aid-Eligible
- Fall Start Program
- Rice Lake Campus
- Project-based Learning



# Utility Construction Technician

The Utility Construction Technician program introduces outside plant cabling practices, installed as aerial cable between poles in an underground conduit system or by direct burial. Learn to operate current utility equipment. You will understand the basic electricity, blue print reading and facility locating. Students will have the ability to obtain the CDL Class A permit. Learn basic construction techniques for outside plant services. Analyze work zone safety practices and receive an OSHA card.

### FALL SEMESTER

|   |       |
|---|-------|
| Truck Driving – Semi Level 1            | 3 cr. |
| Broadband and Power Installation        | 4 cr. |
| Work Zone Training and Cable Locating   | 3 cr. |
| Construction Practices 1                | 4 cr. |
| Preventative and Predictive Maintenance | 2 cr. |

### SPRING SEMESTER

|                                    |       |
|------------------------------------|-------|
| Truck Driving - Semi Level 2 & 3   | 7 cr. |
| Applied Math                       | 2 cr. |
| Utility Construction Concerns      | 1 cr. |
| Broadband Fiber Service 201        | 3 cr. |
| Construction Practices 2           | 4 cr. |
| Aerial Installation Field Training | 4 cr. |

**TOTAL 37 cr.**

**ESTIMATED TUITION COSTS \$5,625**

\*Tuition is an estimate and does not include any miscellaneous fees for various courses, tools, books, supplies or uniforms. Program book costs are in addition to tuition and fees and vary depending on course selection and where the books are purchased or rented.

## REGISTER TODAY!

To get started, register online at [northwoodtech.edu](http://northwoodtech.edu) For more details, contact Paul Kostner at 715.788.7127 or [paul.kostner@northwoodtech.edu](mailto:paul.kostner@northwoodtech.edu)



"This tremendous demand for skilled workers in our industry is why PCCA partnered with Northwood Tech to develop a utility construction curriculum. Our members need these skilled workers and so does our nation, as a skilled, trained, and educated technology workforce is vital to the nations' economic future and continued leadership in global innovations."

**Tim Wagner**  
Executive Vice President  
Power & Communication  
Contractors Association



### Truck Driving Specific Requirements:

- 18 years old
- Valid driver's license - OWI or poor driving record could impact employability
- Pass CDL permit (CLP) with airbrakes - prior to starting class
- Verification of DOT physical (Fed-Med card) and drug test prior to starting class
- CDL theory course available to help prepare for CLP permit test



Northwood Tech is an Equal Opportunity/Access/Affirmative Action/  
Veterans/Disability Employer and Educator.



# CDL Checklist

Prior to the first day of class for Truck Driving Semi Level 1, the checklist below must be completed. Students need to allow adequate time to study the CDL manual and schedule necessary appointments to complete all requirements. Documentation is required, and will be checked prior to the first day of class.



**Verification that you are 18 years of age and hold a valid drivers license**

**Verified that you meet the Federal Motor Carrier Safety Regulations (FMCSR) physical requirements**

Read FMCSR (Federal Motor Carrier Safety Regulations) 49 CFR Subpart E: Physical Qualifications and Examinations.

CDL Medical requirements are also covered on page 17-19 in the WI CMV (Commercial Motor Vehicle) Manual.

No documentation required. Let the instructor know you read and meet the requirements.

**Verification you passed the DOT physical exam and drug test**

Documentation: Completed Medical Examiner's Certificate (also called a Fed Med card). A certified medical examiner completes and provides the Medical Examiner's Certificate to you upon completion your medical examination and the FMCSA Medical Examination Report. Only a certified medical examiner may perform your federal medical examination. A Medical Examiner's Certificate (Fed Med card) must include the medical examiner's federal registry number.

You can find a certified medical examiner by searching the [National Registry of Certified Medical Examiners](#) website and clicking on the **Search for Medical Examiners** link in the upper left column.

Students should state that they are in need of a DOT physical exam, including a drug screening, when scheduling an appointment.

**Verification you have obtained the necessary Commercial Learner Permit (CLP), having passed the following three written tests at nearest Wisconsin Department of Transportation office**

1. General Knowledge - 5 attempts
2. Air Brakes - 5 attempts
3. Combination Vehicles - 5 attempts

**Do Not Use Up all 5 attempts** before contacting instructor or you will have to wait one calendar year to retake. The CLP permit costs \$30. There is no cost to take the permit tests.

#### **Studying for the Commercial Learner Permit (CLP)**

Wisconsin Commercial Driver's Manual:

Northwood Tech offers an online CDL Permit Prep course to help students prepare. **Students struggling on permit exam's are encouraged to also utilize the Academic Support Center for testing preparation.** Students have up to 5 attempts to pass the each section of the permit test. If students do not pass the test on the fifth time, they will have to wait one calendar year from the date of the first attempt to restart the testing process. Tests can be taken individually by section. 80% minimum CLP is good for 6 months/180 days.

**Attended the Utility Construction Technician program orientation**

Held approximately one week prior to the start of the Truck Driving Semi Level 1 course. Invitations sent out in advance.

#### **Additional CDL Information:**

##### **Skill Testing Fees:**

The CDL Truck Driving courses are the education-portion designed to prepare the student to obtain their CDL license. Testing fees are an additional \$50 and not included in the cost of the program. Upon completion of the Truck Driving: Semi Level 2 course, the student must schedule the test with a 3rd party tester. For more information on testing, please contact CDL Teaching Specialist, Janine.Running@northwoodtech.edu There will be a \$7 cost for a logbook in the campus bookstore.

##### **Military service CDL skills test waiver**

You may qualify for a CDL skills test waiver if you obtained a military license issued by a military facility that allowed you to operate a military commercial vehicle. You also avoid the fee for the skills test when you qualify for this waiver.

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