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Northeast Wisconsin Technical College

Land Acknowledgement Statement

The region served by NWTC **occupies the ancestral home** of the Menominee Nation, who have **persisted here** in Northeast Wisconsin from **before recorded history** to the present day. The College's Green Bay campus exists **upon lands ceded from the Menominee Tribe to the Oneida Nation**. We acknowledge this land we stand upon today as sacred, historical, and significant to the Menominee and Oneida Nations as are the **lands of all First Nations People**.

See more detail at <https://tinyurl.com/244wh3xf>

Line Electrician Construction Standards

Catalog #31-413-335 & Class #81846

Starts: October 18th, 2023 Ends: December 14th, 2023



INSTRUCTOR INFORMATION & RESPONSIBILITIES

Instructor Peter Mleziva
Office EE101
Telephone Office - (920)498-5621 Cell – (920)422-2056
Email peter.mleziva@nwtc.edu
Availability By appointment

As a NWTC instructor, I am expected to:

- Maintain a professional, safe learning environment while adhering to the policies of the college.
- Provide open and frequent communication with learners regarding their progress in this class.
- Reply to communications within 48 business hours.
- Grade assignments and post scores in Blackboard regularly.
- Provide feedback to guide learners toward improvement of their coursework.
- Post information about assignments in Blackboard Learning Plans and Grade Center.
- (In the event of a college level cancellation) Communicate with learners a detailed plan regarding expectations for responding to the cancellation within 24-hours.

CLASS INFORMATION

Class Schedule:

This class meets on the following days/times:

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | SUNDAY |
|--------------|---------|--------------|----------|--------|----------|--------|
| 12:30 – 2:20 | | 12:30 – 2:20 | | | | |

Class Delivery Mode & How to Participate: This class will be taught in a classroom.

Class Meeting Location: Green Bay Campus EE204

Course Description: This course teaches student's distribution standards for overhead, underground, primary, secondary, clearances, code requirements, map/diagram reading and safe work practices.

Credits: 1

Pre-requisites/Corequisites: Line Electrician - Field Training 1

Textbooks: The Guidebook for Linemen and Cablemen, Electrical Power Distribution - Construction Standards, EnergyU Online Course and (ISPC) T&D PowerSkills Workbooks and Videos on Blackboard.



Lineman Training material furnished through a grant from the Institute for Safety in Powerline Construction.

Supplies/Technology: Required program tools and textbooks.

Course Competencies: Upon successful completion of this course, you will be able to:

1. Determine proper construction standards for Line Electricians
2. Determine proper construction standards for electrical equipment
3. Draw transformer diagrams

Employability Skills: In addition to specific job-related training, NWTC has identified the following transferrable employability skills reaching beyond the context of a specific course:

1. Communicate Effectively
2. Work Cooperatively and Professionally
3. Think Critically and Creatively
4. Solve Problems Effectively
5. Value Individual Differences and Abilities
6. Demonstrate Personal Accountability
7. Demonstrate Community and Global Accountability

Student Services to Support You:

Being in college is an exciting time to develop skills, further your career path, and build community. We don't want financial challenges to get in your way! Our team is ready to support basic needs such as groceries, housing assistance, transportation assistance, and more. Our goal is to keep you on track with your studies and educational goals. If you are experiencing a financial emergency or an unexpected event in your life, let us help. Support services are available at all NWTC locations. Our main office is located on the Green Bay campus in SC133. We can be reached by phone (920) 498-6258, email supportservices@nwtc.edu or in-person. For more information, please visit us at www.nwtc.edu/student-experience/student-support-services.

Additionally, NWTC provides many services and support networks to assist our students. Descriptions of these services can be found in the NWTC Student Handbook or at www.nwtc.edu/students. We encourage you to learn about the resources available to you, ranging from student involvement and personal counseling to academic, financial aid, or career advising. When you are looking for services, please contact your instructor or academic advisor via Starfish, or by calling (920) 498-5444.

Academic Coaching (Tutoring) at NWTC: Academic Coaching provides an additional layer of support to ensure students achieve their academic goals. Academic Coaching is committed to serving all students as an academic resource to promote student growth and success. Students who use Academic Coaching receive content help, but also gain study skills, organization skills, time management, and confidence. We understand that school can be challenging; let us help you reach your academic goals at www.nwtc.edu/academiccoaching

NWTC ALL-COLLEGE POLICIES

These policies are in effect for all classes at NWTC.

This syllabus is a learning contract between you and your instructor. In addition to your syllabus, there are policies and procedures listed in the NWTC Student Handbook that all students must uphold. Please refer to the NWTC Student Handbook to raise your awareness and understanding of the College's expectations.

[NWTC Student Handbook](#)

- [Academic Integrity \(includes Plagiarism, cheating and collusion\)](#)
- [Drop from a Class or Program](#)
- [Student Academic Grievance](#)
- **Discrimination and Harassment Prevention:** NWTC is committed to embracing the worth of every individual and promoting a respectful environment. Discrimination and harassment of protected categories in its employment and educational programs is prohibited. For questions or concerns, contact Mohammed Bey, Chief Diversity Officer, by email at mohammed.bey@nwtc.edu or by phone at (920) 498-6826.

- **Disability Act Statement:** NWTC is committed to creating a learning environment that meets the needs of its diverse student body. NWTC complies with all provisions of the Americans with Disabilities Act and makes reasonable accommodations upon request. If you have a disability, please call Disability Services at (920) 498-6904 to begin a conversation regarding the support services available to you or to request an official accommodation.
 - [Accessibility & Data Privacy](#)

Student Academic Calendar: Visit [Academic Calendar page](#) for important College dates you should add to your personal calendar.

CLASS SPECIFIC POLICIES

In addition to the college policies referenced, the following instructor policies also apply to this course.

Attendance and Participation: Attendance and/or class participation is required. Failure to attend classes may affect your grade and/or program status. NWTC reserves the right to impose class attendance restrictions in courses and programs, based on administrative guidelines. Attendance ethics are important, as potential employers will investigate attendance records and transcripts. A phone call to the instructor prior to the start of the class is required if the student will be absent or late.

Estimated number of hours required to be successful in the class, (class hours and outside hours for homework, readings, etc.) The amount of time you spend on reading, completing course assignments and activities will differ. Typically students spend 6-8 hours outside of the course studying.

Technology Skills & Assistance:

Technology Help

Get technical assistance by calling the Student Help Desk at (920) 498-6900 or 1-866-235-5037.

Learn more about the technology skills needed to be successful at NWTC (such as sending email, using software for assignments, submitting online work, and using test monitors) by watching the [Technology 101 video series](#) or visiting the [Ask a Librarian FAQ site](#).

Find out how to [Download Office 365 for Free](#) and access [Off-Campus Software](#). Learn how to [borrow equipment from NWTC](#).

Appropriate Use of Technology in Class: Cell phone use will be not allowed during Line Electrician Construction Standards Monday - Thursday from 12:30pm to 2:20pm. If you need to use the phone other than an emergency, you shall get permission from me prior to making your phone call. Failure to follow this rule will result in a loss of a week's worth of points in your Modeling Responsible Behavior grade. If cell phone use continues past one warning you will be asked to leave and will not be allowed back into any of my classes until you meet with the programs associate dean and a NWTC counselor.

Dress Code: Students are to look as if they were going to their place of employment and look like a professional. This means all pants must be worn at the waist line and no undergarments can be seen, shirts must have sleeves, no shorts and no jewelry. Failure to follow this rule will result in the student being asked to leave the class and a days' worth of points will be lost in the Modeling Responsible Behavior grade.

Inappropriate Language: Use of inappropriate language will not be tolerated. Failure to follow this rule will result in a loss of a week's worth of points in your Modeling Responsible Behavior grade. If inappropriate language continues past one warning you will be asked to leave and will not be allowed back into any of my classes until you meet with the programs associate dean and a NWTC counselor.

Campus Closure Day(s) Procedure: In the event of a campus closure, classes will be made up based on the amount of time or days missed.

Syllabus Changes: Instructors retain the right to make changes based on the timeline of the class, feedback from learners and/or logistical issues. Students will be informed as soon as a change is made. A current copy of the course syllabus will be maintained by the division office.

Grading Policy: Grades will be computed by compiled test and quiz grades, and classroom participation. Attendance is imperative as demonstrations and practice labs build accumulative skills and many times cannot be repeated.

Assignments turned in after the due date will have points deducted. A time to make-up the missed test must be arranged the next day that school is attended (**this is your responsibility**), or five points will automatically be deducted from the test score. Students with an un-excused absence on test days will not be allowed to make up tests and will result as a zero grade.

It will be the responsibility of the student to get notes from fellow classmates and to make arrangements for makeup tests. Daily quizzes will not be available to make up.

Assignments/EnergyU course tests must be submitted on the due date prior to the start of class.

Grading Components

| Classroom Component 100% of Grade | Points Earned | | Points Possible | | Weighted Percent | | Grade |
|------------------------------------|---------------|----------|-----------------|----------|------------------|---|-------|
| URD Single Phase Line Project | | / | 100 | x | 10 | = | |
| URD Three Phase Line Project | | / | 100 | x | 10 | = | |
| Overhead Single Phase Line Project | | / | 100 | x | 10 | = | |
| Overhead Three Phase Line Project | | / | 100 | x | 10 | = | |
| URD Standards Test | | / | 100 | x | 15 | = | |
| Overhead Standards Test | | / | 100 | x | 15 | = | |
| Standards Final Test | | / | 100 | x | 25 | = | |
| Lecture Totals | | / | 748 | x | 100% | | |

| Grading Scale: | |
|----------------|-------|
| Scale | Grade |
| 100 - 90 | A |
| 89 - 80 | B |
| 79 - 70 | C |
| 69 - 60 | D |
| 59 - 0 | F |

Line Electrician Construction Standards Course Schedule

Week 1: (Oct 16th + Oct 18th)

Day 1 = Welcome Back – Course and Syllabus Review

Assign – Construction Standards Section 6, 20, 21, 22, 23, 24, 25, 26, 27

Design URD single phase line

Day 2 = Design URD single phase line

Week 2: (Oct 23rd + Oct 25th)

Day 1 = Design URD single phase line

Day 2 = Design URD single phase line

Week 3: (Oct 30st + Nov 1st)

Day 1 = URD single phase project due

Design URD three phase line

Day 2 = Design URD three phase line

Week 4: (Nov 6th + Nov 8th)

Day 1 = Design URD three phase line

Day 2 = URD three phase project due

URD Standards Test (open book)

Week 5: (Nov 13th + Nov 15th)

Day 1 = Assign – Construction Standards Section 1, 2, 3, 5, 7, 8, 9, 10, 11, 12, 13, 15, 16

Design Overhead single phase line

Day 2 = Design Overhead single phase line

Week 6: (Nov 20st + Nov 22rd)

Day 1 = No School – Thanksgiving Break

Day 2 = No School – Thanksgiving Break

Week 7: (Nov 27th + Nov 29th)

Day 1 = Overhead single phase project due

Assign – Construction Standards Section 4, 14, 17

Design Overhead three phase line

Day 2 = Design Overhead three phase line

Assign – Construction Standards Section 14

Design Overhead three phase line adding a three phase recloser setting

Week 8: (Dec 4th + Dec 6th)

Day 1 = Design Overhead three phase line

Assign – Construction Standards Section 17

Design Overhead three phase line adding a three phase capacitor bank setting

Day 2 = Design Overhead three phase line

Design Overhead three phase line adding a three phase regulator bank

Week 9: (Dec 11th + Dec 13th)

Day 1 = Overhead three phase project due

Overhead standards test – (Open Book)

Day 2 = **Construction Standards Final – (Open Book)**

**NORTHEAST WISCONSIN TECHNICAL COLLEGE
ELECTRICAL POWER PROGRAM
MODELING RESPONSIBLE BEHAVIOR RUBRIC**

Modeling Responsible Behavior Grades

- 5% of grade in Safety Courses
- 5% of grade in Construction Standards Course
- 15% of grade in Field Training Courses

The Modeling Responsible Behavior Rubric is based on 3 different components: Promptness, Participation, and Professionalism. The criteria for evaluation may be different from one course to another; however you will be evaluated on the same components and in all your courses, each time your class meets. You will obtain either a 0 or a 1 in each component. The total possible points available are dependent on the number of times the class meets.

| (Criteria) | Behavior | Points | Available |
|-------------------------|--|----------|-----------|
| Promptness: | <ul style="list-style-type: none"> • <i>Demonstrates personal accountability</i> Present and on time Prepared and alert, mentally and physically Present for entire session | 0 | 1 |
| Participation: | <ul style="list-style-type: none"> • <i>Thinks critically and creatively</i> Shares experiences applicable to current content • <i>Value individual differences and abilities</i> Doesn't interrupt or distract other students, verbally or non-verbally • <i>Work cooperatively and professionally</i> Displays eagerness for learning/experiences • <i>Communicate effectively</i> Asks appropriate questions Positive mannerisms-No negativity Does not monopolize class discussion Contributes appropriately with relevant information Uses proper communication, language, pronunciations, Grammar, spelling, etc... • <i>Solve problems effectively</i> Offers answers, Offers opinion Completes lab projects with minimal guidance | 0 | 1 |
| Professionalism: | <ul style="list-style-type: none"> • <i>Demonstrates personal accountability</i> Cell phones and pagers are off during class, lab and field trips Complies with all NWTC Code of Conduct policies • <i>Demonstrates community and global accountability</i> Courteous and respectful to all, verbally and/or non-verbally, without bias or discrimination Recognize personal responsibility in making decisions that utilize resources in a sustainable manner | 0 | 1 |