You may delete this page from the document that follows after reading.
It contains plain language about the copyright we've adopted from **Creative Commons**.

It also contains a link to the summary for our copyright license. This summary should be consulted if you intend to copy and redistribute this material in any medium or format, or adapt, remix, transform, or build upon this material.

Click Here for information on the Creative Commons License we've adopted.

From **Creative Commons**:

This is a human-readable summary of (and not a substitute for) the license. Disclaimer.

You are free to:

- **Share** — copy and redistribute the material in any medium or format
- **Adapt** — remix, transform, and build upon the material

The licensor cannot revoke these freedoms as long as you follow the license terms.

Under the following terms:

- **Attribution** — You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.
- **NonCommercial** — You may not use the material for commercial purposes.
- **ShareAlike** — If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original.

No additional restrictions — You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits.

Northeast Wisconsin Technical College

Land Acknowledgement Statement

The region served by NWTC **occupies the ancestorial 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

Solar Advanced System Design

Catalog # 10-483-106 & Class # 22831

3/23/23 - 5/16/23

NORTHEAST WI Technical College

Class Syllabus

INSTRUCTOR INFORMATION

Instructor: John Hippensteel, PE

Office: Green Bay, EE 101 G & Lab EE116

Telephone: Office: 920-498-7103, Cell: 920-559-3337

Email: John.Hippensteel@nwtc.edu

Office Hours: By Appointment on
Mondays 8:30 to 11 am
Wednesdays 8:30 to 11 am
And as mutually agreed upon, in person, email, phone or remote/WebEx

CLASS INFORMATION:

Course Description: 10-483-106 SOLAR ADVANCED SYSTEM DESIGN ... troubleshooting and repairing renewable thermal and electric equipment; diagnosing faulty equipment; selecting replacement parts; preparing a detailed work order. (Prerequisites: 10-483-107, Solar Thermal Design & Site; 10-482-132, Photovoltaics-Design & Site; 10-482-133, Photovoltaics-Adv; Corequisite: 10-483-108, Solar Thermal Advanced)

In other words: This course provides the opportunity for the learner to further develop their knowledge, skills, process and understanding of solar electric and solar thermal systems design and applications while learning basic business and trade skills. Emphasis will be placed on safety, system design, monitoring, installation, maintenance & troubleshooting.

Credits: 4

Class Schedule:

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
	12:30 - 6:15 PM		**12:30 - 6:15 PM**			

(this may vary based on field trips)

Class Delivery Mode: This class meets in an 8 week format in person, unless Covid 19 requires it to meet online.

Class Meeting Location: Green Bay Campus, EE 116 (and other sites as yet to be determined)

Pre-requisites: 10-483-107, Solar Thermal Design & Site; 10-482-132, Photovoltaics-Design & Site; 10-482-133, Photovoltaics-Adv; Corequisite: 10-483-108, Solar Thermal Advanced

Textbook: Photovoltaic Systems, 3nd Edition, Jim Dunlop, PE,
Solar Water Heating, Revised & Expanded Edition by Bob Ramlow
2017 NEC,

Supplies: Calculator, digital camera, tape measure, compass, angle finder, safety glasses, work gloves & work clothes. (to be discussed in class)

Course Competencies: You have the opportunity to learn the following skills in this course:

COMPETENCIES

1. Evaluate Various Types of Solar Energy Business Structures

Assessment Strategies
by describing various types of solar energy business structures and what employment opportunities they offer.

Learning Objectives
1.a. Research various types of businesses that make up the solar industry.
1.b. Investigate the role of the installer & integrator in the solar industry.
1.c. Compare the differences between an integrator and a design-build company.
1.d. Locate several equipment distributors in the solar industry and determine the services they can provide installers and integrators.

Criteria

Your performance will be successful when:

you explore various types of businesses that make up the solar industry.
you describe the role of the installer & integrator in the solar industry.
you differentiate between an integrator and a design-build company.
you describe the role of the distributor in the solar industry.
you describe the role of the equipment manufacturer in the solar industry.

2. Investigate Employment Opportunities in the Solar Energy Industry

Assessment Strategies
by articulating numerous employment opportunities in the solar energy industry

Learning Objectives
2.a. Determine where your interests are in the solar industry.
2.b. Research the types of job opportunities that are available in the solar industry.

Criteria

Your performance will be successful when:

you evaluate where your interests are in the solar industry.
you describe several job descriptions that interest you.

3. Prepare Documents for your Job Search in the Solar Energy Industry

Assessment Strategies
by preparing a sample letter of recommendation, cover letter and resume.

Learning Objectives
3.a. Evaluate sample resumes for suitability to the solar industry
3.b. Examine samples of cover letters that are written to accompany resumes.
3.c. Review samples of letters of recommendation.

Criteria

Your performance will be successful when:

you compose a letter of recommendation for yourself from the perspective of your instructor.
you compose a cover letter to accompany your resume.
you compose your resume.

4. Prepare Employee Record Keeping Documents including Time Sheets & Service Reports

Assessment Strategies
by developing employee record keeping items such as time sheets and service reports.
by using time sheets and service reports.

Learning Objectives

4.a. Compare a variety of time sheets that are used for employee payroll and project costing.
4.b. Review field service reports used in the electrical, HVAC, and solar industries.

Criteria

Your performance will be successful when:

you develop a time sheet to be used for employee payroll and project costing.
you develop a template for field service call reporting.
you utilize a time sheet for various projects.
you utilize a field service report.

5. Develop Project Bill of Materials & Job Costing Documents

Assessment Strategies

by developing a project bill of material.
by job costing documents.

Learning Objectives

5.a. Examine bills of material that can be used for job costing and or purchase requisitioning for electrical and mechanical construction projects.

Criteria

Your performance will be successful when:

you develop a complete and accurate bill of material.
you develop a complete and accurate job costing document.

6. Monitor & Evaluate Renewable Energy Systems

Assessment Strategies

by evaluating and using renewable energy system monitoring and comparing the data to estimated performance data.

Learning Objectives

6.a. Investigate several built in and remote monitoring systems available in the PV and Solar Thermal market.
6.b. Review typical PV system energy production and compare to actual output of available monitored systems.
6.c. Review Solar Thermal system estimated energy production and compare to actual output for available monitored systems.
6.d. Explore available on line monitored wind turbines, hydroelectric, or other renewable energy system and compare actual output to estimated output.

Criteria

Your performance will be successful when:

you evaluate several built in and remote monitoring systems available in the PV and Solar Thermal market.
you monitor a PV system and compare actual output to estimated output.
you monitor a Solar Thermal system and compare actual output to estimated output.
you monitor and document a wind turbine, hydroelectric, or other renewable energy system and compare actual output to estimated output.

7. Investigate current Industry Trends, Procedures & Policies

Assessment Strategies

by reviewing and presenting current industry trends, procedures and policies.

Learning Objectives

7.a. Investigate current trends in the PV industry.
7.b. Examine current trends in the Solar Thermal industry.
7.c. Review current renewable energy policies at the local, state and federal level.

Criteria

Your performance will be successful when:

you present current trends in the PV industry.
you present current trends in the solar thermal industry.
you analyze current renewable energy policies at the local, state and federal level.

8. Incorporate Safety Procedures into the Workplace & Jobsite

Assessment Strategies
by reviewing and explaining safety rules and regulations in the workplace and on the jobsite.

Learning Objectives
8.a. Review OSHA requirements for job safety.
8.b. Review OSHA requirements that are specific to the solar industries.
8.c. Evaluate the safety record of the solar industry and compare to other similar industries.

Criteria

Your performance will be successful when:

you review and explain OSHA requirements for job safety.
you review and explain OSHA requirements that are specific to the solar industries.
you evaluate the safety record of the solar industry and compare to other similar industries.

9. Design PV Systems

Assessment Strategies
by designing PV systems.

Learning Objectives
9.a. Review examples of a residential PV systems.
9.b. Examine examples of a commercial PV systems.
9.c. Explore examples of off grid PV systems.

Criteria

Your performance will be successful when:

you design a residential PV system.
you design a commercial PV system.
you design an off grid PV system.

10. Design Solar Thermal Systems

Assessment Strategies
by designing solar thermal systems.

Learning Objectives
10.a. Review types of residential solar hot water heating systems.
10.b. Review examples of commercial water and or process heating systems.
10.c. Review examples of solar air heating systems.
10.d. Review examples of transpired wall solar air heating systems.
10.e. Examine examples of thermal storage systems.

Criteria

Your performance will be successful when:

you design a residential solar hot water heating system.
you design a commercial water and or process heating system.
you design a solar air heating system.
you design a transpired wall solar air heating system.
you design a thermal storage system.

11. Install PV System(s)

Assessment Strategies
by installing and working on one or more PV systems.

Learning Objectives

11.a. Review permitting and utility intertie applications and agreements.
11.b. Apply job site safety procedures.
11.c. Incorporate NEC section 690 and other pertinent code sections.
11.d. Install racking, modules, inverter(s) and BOS components.
11.e. Draw as built one line and full wiring diagrams.
11.f. Utilize proper grounding techniques
11.g. Utilize proper wiring techniques.
11.h. Inspect all aspects of the installation.
11.i. Test system operation.
11.j. Compile system specifications, manuals and operating procedures.

Criteria

Your performance will be successful when:

you install and service one or more working PV system.

12. Install Solar Thermal System(s)

Assessment Strategies

by installing and working on one or more solar thermal systems.

Learning Objectives

12.a. Review permitting requirements
12.b. Apply job site safety procedures.
12.c. Incorporate pertinent plumbing and electrical codes.
12.d. Install racking, panels, piping, and BOS components.
12.e. Draw as built piping and wiring diagrams.
12.f. Utilize proper wiring techniques.
12.g. Utilize proper soldering & pipe joining techniques.
12.h. Utilize proper insulating materials and techniques.
12.i. Inspect all aspects of the installation.
12.j. Flush, fill, test & charge all piping.
12.k. Test system operation.
12.l. Compile system specifications, manuals and operating procedures.

Criteria

Your performance will be successful when:

you install and service one or more solar thermal systems.

13. Select System Components

Assessment Strategies

by selecting system components for PV and solar thermal systems.

Learning Objectives

13.a. Review the function of each major components and all balance of system components for a PV system.
13.b. Review the function of each major components and all balance of system components for a solar thermal system.
13.c. Investigate examples of the specifications for system components for a PV system.
13.d. Explore examples of specifications for system components for a solar thermal system.

Criteria

Your performance will be successful when:

you describe the function of each major components and all balance of system components for a PV system.
you describe the function of each major components and all balance of system components for a solar thermal system.
you write the specifications for system components for a PV system.
you write the specifications for system components for a solar thermal system.

14. Apply Electrical & Plumbing Code to Project Design & Installation

Assessment Strategies

by describing applicable electrical and plumbing codes to the solar electric and solar thermal industries.

Learning Objectives

14.a. Review electrical codes that apply to solar electric (PV) and solar thermal energy systems.
14.b. Investigate what plumbing codes apply to solar thermal energy systems.

Criteria

Your performance will be successful when:

you determine and describe what electrical codes apply to solar electric (PV) and solar thermal energy systems.
you determine and describe what plumbing codes apply to solar thermal energy systems.

Employability Skills: In addition to specific job-related training, NWTC has identified transferrable employability skills reaching beyond the context of a specific course. They are skills that employers desire, and skills that lead to success in all aspects of life.

NWTC's TRANSFERABLE EMPLOYABILITY SKILLS
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

NWTC ALL-COLLEGE POLICIES

These policies are in effect for all classes at NWTC.

Please refer to the NWTC Student Handbook for a full explanation of all NWTC student-related policies, definitions, and related consequences. To raise your awareness and understanding of the expectations of higher learning, we invite you to specifically review the policies outlined below:

Rights & Responsibilities:

- Student Code of Conduct
- Academic Integrity (includes Plagiarism, cheating and collusion)
- Affirmative Action/Equal Opportunity Statement
- Assessments
- Copyright Notice
- NWTC Alcohol, Tobacco and Drug Free Campus
- Title IX as it relates to:
  - Pregnancy
  - Sexual Misconduct
- Tobacco/Nicotine Use– All Campuses
- Refund Policy
- Withdrawal from a Class or Program
- Student Academic Grievance
- Accommodation for Religious Beliefs
- Web Privacy Policy

Student's Right to Know:

- **Alcohol and Drug Abuse Prevention**
- **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 the Director of Diversity & Inclusion/Title IX Coordinator @ mohammed.bey@nwtc.edu or by phone @ (920) 498-6826.
- **Disability Act Statement:** NWTC complies with all provisions of the Americans with Disabilities Act and makes reasonable accommodations upon request. Please contact Disability Services for more information regarding the support services available to you, call 920-498-6904.
- **Campus Closure Day(s) Procedure:** In the event a campus closure is necessary, there are two emergency closure dates built into the end of each 8-week session. Instructors will provide detailed information within 24 hours of the college cancellation.

Student Academic Calendar:
Visit Academic Calendar page for important College dates you should add to your personal calendar.

Instructor Responsibilities:
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 students 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 Class Materials and Grade Center.
- (In the event of a college level cancellation) Communicate with students within 24-hours a detailed plan regarding expectations for responding to the cancellation.

Student Responsibilities:
As a NWTC student, you are expected to:

- Follow the policies of the College as outlined by the Student Handbook (noted above in Rights & Responsibilities section) and of the Instructor as outlined in the course syllabus.
- Monitor and use your NWTC Student Email account. Email is the official mode of communication at NWTC.
- Make an honest attempt to use correct English grammar and punctuation in all written communications.
- Utilize Starfish to monitor your course success, to communicate with instructors, and to connect with college services.
- Follow the due dates established in the Course Calendar (found at the end of this document) and posted in the electronic calendar in Blackboard.
- Keep your contact information up to date in RAVE to ensure that you receive prompt notification in the event of a college closure.
- Communicate questions, comments or concerns to your instructor via email, voicemail, or in-person.

Student Services:
NWTC cares about your Physical and Emotional well-being, Resources and Support services are available for a variety of student needs. Visit the following link to explore: https://www.nwtc.edu/students

It can be challenging to do your best in class if you have trouble meeting your basic needs like a safe and stable place to sleep or getting enough food to eat. If you have difficulty with these things, contact Student Support Services located on the Green Bay campus in SC133, call 498-6258, or email supportservices@nwtc.edu. Though located in Green Bay, support services are available district wide. For more information, please visit Support Services page

Academic Coaching at NWTC:
Academic Coaching is available for most courses at NWTC. Check us out at www.nwtc.edu/academiccoaching for more information.

CLASS SPECIFIC & DEPARTMENT POLICIES

In addition to the college policies referenced above, the following department & instructor policies also apply.

Appropriate Use of Technology:
The use of Social Media, cell phones, and other electronic devices are encouraged, and expected for specific class topics and class research only. Students are expected to respect others' views and display common courtesy when posting their views to online discussions, as well as in classroom discussions. It is important that everyone understands how to use online course tools and etiquette in a way where ALL students feel safe and supported.

Campus Closure Day(s) Procedure:
In the event of a campus closure, NWTC and or instructors will provide detailed information regarding expectations for students, should the need arise.

Class Cancellation: Class cancellations will be posted as early as possible at:
http://www.nwtc.edu/Lists/CancelClasses/WebView.aspx

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

Attendance and Participation:
You will receive a Participation Grade for each class period. In a face-to-face class, we learn from each other in an interactive, real-time format, and we need to make the most of this opportunity. Active participation includes:

- Attending class,
- Arriving on time,
- Being prepared to participate in class activities by completing the assignment(s),
- Focusing on the lesson during class time,
- Making a positive contribution to the lesson by paying attention and participating in discussions,
- Treating each person and opinion with respect, and
- Using electronic devices for classroom purposes only.

Submitting Assignments: (Be sure to save a copy of every assignment before you submit it so that you don't lose any work.)

Each assignment in the Class Materials has a link at the bottom that allows you to submit your work through Blackboard. The file name of the document that you submit should include the ASSIGNMENT NAME & NUMBER and YOUR FULL NAME. For example:

Barb Johnson LP 10 Wind Energy.pptx.

The body of your submittals should include The COURSE NAME, ASSIGNMENT NAME & NUMBER, YOUR FULL NAME, and DATE. For example:

Intro to Solar
LP 1A Energy Overview, PV Systems & Solar Radiation
Barb Johnson
10/26/20

You can submit your work in .doc, .docx, .xls, .xlsx, .pdf, .rtf, .ppt, .pptx or other MS Office formats ONLY. (Open Office & other format documents must be saved and submitted in MS Office or .pdf formats ONLY.

Grading Policy:
You can earn up to full credit for an assignment by submitting it in Blackboard by the assigned due date. Expect one letter grade deduction for every day of late submittal. For special situations make-up work is allowed with approval from instructor. Extra credit projects may be available.

Grading Scale:

Percentage	Grade
91-100	A
81-90	B
71-80	C*
51-70	D
0-50	F

***** C is the minimum passing grade for this class for Solar Energy program students.

Safety Policy: Safety is paramount and you will be expected to dress and act suitably for the situation, especially during any lab work and or field trips.

Course Calendar / Due Dates & Competency Map /
Solar Advanced System Design
Spring 2, 2023, #22831

WK	LP	Topic/Competency	Due Dates	Possible Points	COMPETENCIES ASSESSED	EMPLOYABILITY SKILLS ASSESSED
1	LP 1A Syllabus	Syllabus email Plan for Success Class Participation	Th 3/23	0 10 5	1-10	1-7
1	LP 1A	Course Overview Current Event Class Participation	T 3/28	10 5 5		1-7
1	LP 1B	Business Structure & Pro Training Class Participation	Th 3/30	10 5		1-7
2	LP 2A	Off Grid PV Journal / Book Review Class Participation	T 4/4	10 5 5		1-7
2	LP 2B	Grid Tied PV with Storage Class Participation	Th 4/6	10 5		1-7
3	LP 3A	EV Charging Current Event Class Participation	T 4/11	10 5 5		1-7
3	LP 3B	Electric Tram Charger Class Participation	Th 4/13	10 5		
4	LP 4A	Commercial PV Journal / Book Review Class Participation	T 4/18	10 5 5		1-7
4	LP 4B	Term Project Details Class Participation	Th 4/20	10 5		1-7
5	LP 5A	Micro Grid – Residential Current Event Class Participation	T 4/25	10 5 5		1-7
5	LP 5B	Micro Grid – NWTC/GLEE Center Class Participation	Th 4/27	10 5		1-7
6	LP 6A	Solar Air Heating Journal / Book Review Class Participation	T 5/2	10 5 5		
6	LP 6B	Solar DHW Class Participation	Th 5/4	10 5		1-7
7	LP 7A	Transpired Air Current Event Class Participation	T 5/9	10 5 5		1-7
7	LP 7B	Thermal Storage Class Participation	Th 5/11	10 5		1-7
8	LP 8	Employability Skills Class Participation	T 5/16	10 5		1-7
8	Term 1	Term Project 1	T 5/16	50		1-7
	E Skills	Reference Letter, Resume & Interview	5/16	10		1-7
	E Skills	Time Sheets	5/16	10		1-7
	Monitoring	System Monitoring Projects	5/16	10		1-7
			TOTAL	**350**		

NOTES: All Assignments are due before the start of class on the Due Dates shown above, except for Class Participation Notes which are due the day of class.

Special Events: You will have the opportunity to attend the following optional conferences and events during this semester. (Attending these events is a great learning opportunity, but attendance is not required.) NOTE: Other field trips may be available and will be posted in the Announcements section of Blackboard.

Thursday, January 26th 2023	RENEW Renewable Energy Summit, Monona Terrace, Madison, WI https://www.renewwisconsin.org/renewable-energy-summit/
Stevens Point: Tuesday, March 14, 2023 Green Bay: Wednesday, March 15, 2023 Milwaukee: Tuesday, March 21, 2023	WE Energies/WPS Energy Forum 2023
June 23-25, 2023	(32nd) Midwest Renewable Energy & Sustainability Fair (Custer, WI) (3 day event full of educational sessions and equipment demos) https://www.theenergyfair.org/
Ongoing	Focus on Energy – Events and Training (state wide) https://focusonenergy.com/about/events
Thursday, January 26th 2023	RENEW Renewable Energy Summit, Monona Terrace, Madison, WI https://www.renewwisconsin.org/renewable-energy-summit/

Energy and Conservation Club (#405)
is a great way to get involved with many school projects in this subject area.

https://www.nwtc.edu/student-experience/student-involvement/clubs-and-organizations/energy-conservation-club

Advisors: Jenny Brinker & John Hippensteel
Jenny.Brinker@NWTC.EDU & John.Hippensteel@NWTC.edu

Student Agreement: After you have read the syllabus, please send me an e-mail with the following statement: ***I confirm that I have read the course syllabus and agree to the class policies, procedures, due dates, and all the other information communicated in the syllabus.***

For Reference: Addendum for Fall 2020

NWTC COVID-19 Safety Statement:
Given the widespread transmission of COVID-19, Northeast Wisconsin Technical College (NWTC) is committed to providing a high-quality and safe student educational experience while ensuring the safety of our students and our workforce in alignment with the CDC published guidelines.

•Physical distancing is required. Stay at least 6 feet apart and do not gather in groups.
•A face covering/mask that covers both the mouth and nose is required to be worn by all students when on campus except when eating or drinking. Wearing a face covering helps protect others in case you are infected but don't have symptoms.
•When Face coverings are removed, they should be removed without touching eyes, mouth, and nose.
•Wash hands each time mask is touched or adjusted, put on or removed.
•Cloth face coverings should be washed daily, ideally using a washing machine.

Students not following these guidelines will be asked by faculty and staff to do so. Failure to comply will result in a request for the student to leave the campus and may result in disciplinary action for violation of the NWTC Student Code of Conduct.

Team Attendance Policy: (Add the bolded statement to the current Attendance Policy on the syllabi.)
Exception:
If you are feeling ill:

- Do not come to class.
- Communicate with your instructor right away and continue to communicate throughout your illness. If you do test positive for COVID-19, please report this to your instructor right away.
- Due dates will be extended, and reasonable and appropriate exceptions will be made when timely communication occurs.
- Please know that your instructor will work with you to continue making progress in your class if you are feeling ill.
- Returning to the Classroom/Lab:
  - If you were diagnosed with COVID-19:
    - A student may return to the classroom/lab based on the CDC guidelines for discontinuing isolation or upon health care providers authorization to return to work.
    - Return to work is generally at least seven (7) to ten (10) days from the start of symptoms and at least 72 hours fever free (<100.4) without the use of fever reducing medication.
  - If you had Other Illnesses:
    - Free from symptoms and at least 72 hours fever free (<100.4) without the use of fever reducing medication.

Please refer to the NWTC Student Handbook for a full explanation of all NWTC student-related policies, definitions, and related consequences. To raise your awareness and understanding of the expectations of higher learning, we invite you to specifically review the policies outlined below:

Student's Right to Know:

- **Alcohol and Drug Abuse Prevention**

- **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 @ mohammed.bey@nwtc.edu or by phone @ (920) 498-6826.
- **Disability Act Statement:** NWTC complies with all provisions of the Americans with Disabilities Act and makes reasonable accommodations upon request. Please contact Disability Services for more information regarding the support services available to you, call 920-498-6904.
- **Campus Closure Day(s) Procedure:** In the event a campus closure is necessary, there are two emergency closure dates built into the end of each 8-week session. Instructors will provide detailed information within 24 hours of the college cancellation.