

Employee Educational Opportunities & Night School News
Class Schedule for September 12 - November 16, 2022



Fall 2022



Application Deadline: August 22, 2022

Fall Term 2022

Night School

Application Deadline: August 22, 2022

Classes Begin: September 12, 2022

Classes End: November 16, 2022

Class Locations: B23, B1728, B1919, B79, B903, and NetCenter: Suite 130 (NPD Training) and Suite 195 (Technical Learning Ctr.)

Minimum Required Enrollment: 10 students are REQUIRED to schedule a course

Classes Meet: Monday & Wednesday, Tuesday & Thursday, one night per week, or Saturdays

Class Hours: Math daytime classes are 12:00-2:30pm. Night Math Classes are 4:15-6:45pm. Trades and computer classes are 4:30-7:00pm one night per week. Mechanical Drawing and Pipe Welding will be 8:00am-1:00pm Saturday mornings.

Course Length: Courses are 9 weeks, Shipyard Operations is 10 weeks long.

Cost: No tuition fee for Night School classes. **Books are the only cost to employees.** A certificate is awarded upon successful completion of a course. **TNCC** classes require a tuition fee unless otherwise specified.

Application: Available on the [Night School page](#) of the www.as.edu website

Return completed application by email to the Night School Administrator, Sherry Morgan. Email contact information for Sherry Morgan is present on the application form.

Course Announcements: Class confirmation will be sent via **email** no later than 2 weeks before class begins.

For Further Information: Visit the [Night School Website](#) or contact Sherry Morgan at 757-688-8608.

EXAMPLE: Course
Prerequisite Information
Date(s) Time Instructor Location

COURSE OFFERINGS SHIPYARD NIGHT SCHOOL



APPRENTICE APPLICATION CREDIT COURSES: These courses are designed to help fulfill application requirements for consideration for entry into The Apprentice School. We must have enough students to hold the class (10).

Algebra I, Part A (45 Hours)

Prerequisite: None

<i>M W</i>	<i>4:15 - 6:45 PM</i>	<i>S. Risinger</i>	<i>A-SCH, BLDG. 1919</i>
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Algebra I, Part B (45 hours)

Prerequisite: Algebra I, Part B

<i>T TH</i>	<i>12:00 - 2:30 PM</i>	<i>S. Krist</i>	<i>A-SCH, BLDG. 1919</i>
<i>M W</i>	<i>4:15 - 6:45 PM</i>	<i>E. Oliver</i>	<i>A-SCH, BLDG. 1919</i>

Algebra II, Part A (45 hours)

Prerequisite: Algebra I, Parts A and B

<i>M W</i>	<i>4:15- 6:45 PM</i>	<i>C. Rossi</i>	<i>A-SCH, BLDG 1919</i>
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Algebra II, Part B (45 hours)

Prerequisite: Algebra II, Part A

<i>M W</i>	<i>4:15 - 6:45 PM</i>	<i>E. Dickens</i>	<i>A-SCH, BLDG. 1919</i>
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Geometry (45 hours)

Prerequisite: Algebra I, Parts A & B

<i>Sat</i>	<i>8:00AM– 1:00PM</i>	<i>L. McCord</i>	<i>A-SCH, BLDG. 1919</i>
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Mechanical Drawing I - II (Each part is 45 hours, meets two nights per week)

Prerequisite: Be able to use a 12-inch ruler graduated in 1/16inch increments; knowledge of basic geometry

<i>T TH</i>	<i>4:15 - 6:45 PM</i>	<i>C. Blake</i>	<i>A-SCH, BLDG. 1919</i>
<i>SAT</i>	<i>8:00 AM- 1:00 PM</i>	<i>C. Blake</i>	<i>A-SCH, BLDG. 1919</i>



BASIC Skills

Pre-Algebra (45 hours)

Prerequisite: None

T TH 4:15 – 6:45 PM

TBD

A-SCH, BLDG. 1919

Review basic math skills needed for home, work, and higher education.



COMPUTER RELATED COURSES

Access 2016 – Introduction (22.5 hours)

T 4:30 - 7:00 PM

D. Belew

NetCenter: TECHNICAL LEARNING CTR

AutoCAD 2020 – Introductory (22.5 hours)

T 4:30 - 7:00 PM

P. Burgener

A-SCH, BLDG. 1919

AutoCAD 2020 – Intermediate (22.5 hours)

TH 4:30 - 7:00 PM

P. Burgener

A-SCH, BLDG. 1919

Excel Part I (22.5 hours)

T 4:30 - 7:00 PM

M. Altrogge

NetCenter: TECHNICAL LEARNING CTR.

HEALTH RELATED COURSES

First Aide/CPR (22.5 hours)

W 4:30-7:00 PM

A. Mingle

A-SCH, BLDG. 1919

The company reserves the right to change or discontinue these programs without prior notice.

“A smooth sea never made a skilled sailor.”

— Franklin D Roosevelt

SHIPBUILDING RELATED COURSES

Basic Ships Theory, Design and Systems (45 hours)

M W 4:30-7:00 PM D. Holton NetCenter: TECHNICAL LEARNING CTR

This completely revised the 2012 course covers nuclear and non-nuclear surface ships and submarines with many hands on learning applications used to reinforce the concepts in the training. *A reality is that many people in shipbuilding seldom or never get to see the larger picture of what goes into ships and ship design beyond their trade or daily area of responsibility.* The Basic Ships Theory, Design and Systems Course was developed as a way to provide **NNS Apprentices, Designers, Trainees, Engineering Staff, Co-op's and New Hires** with a basic working knowledge of the locations and purpose for naval and non-naval ships fundamental structural components and operating systems. Upon completion of this course, students will be able to recognize and describe the basic concepts and function of the following subject matter as they apply to surface ships and submarines: history of boats, ships and shipbuilding, shipboard terminology, lines and shapes, basic structural components of commercial and naval vessels, basic components and operations of a shipboard piping system, basic types of shipboard propulsion systems, nuclear fission, a basic nuclear propulsion system, radiation and shielding, energy production sources and shipboard use of energy, the primary shipboard auxiliary systems, deck gear and machinery, basic shipboard refrigeration, air conditioning and ventilation systems, fire science and firefighting systems, basic electricity, power generation and distribution, shipboard electrical and lighting systems, fundamental electronic sensors and surface weapons systems, introduction to submarine control systems, life support systems, high pressure air systems, flood control systems, communication and navigation systems, weapons, rescue systems, future ships technology, and beyond. Depending on availability, this course may contain one shop tour and or one ship tour. Tours require standard safety equipment and company badge for participation.

*Shipyard Operations (25 hours)

T 4:30 - 7:00 PM M. Burkett BLDG. 903/4, CONF RM 414

W 4:30 - 7:00 PM L. Showalter BLDG. 903/4, CONF RM 414

This course is designed for employees who are interested in learning about Newport News history, organizational structure, shop manufacturing, and ship construction processes. The course examines modern shipbuilding by combining lectures with walking tours of the manufacturing shops and ship. ***During these shop, submarine, and carrier tours there will be extensive walking as well as climbing and descending multiple levels of stairs.** This is an excellent course for employees who have not had the opportunity to explore the shipyard or for new employees who are interested in learning overall shipbuilding processes. This course runs for 10 weeks.

Naval Nuclear Propulsion Plant Fundamentals (22.5 hrs.)

W 4:30 – 7:00 PM B. Quandahl Net Center: (NPD Training) Suite 130

This course introduces the naval nuclear propulsion plant to students with limited or no background in the subject. Class discussions include various components used throughout a nuclear propulsion plant: pumps, valves, heat exchangers, etc.; some of the many systems found within a nuclear propulsion plant, and how these systems work together to support operation of the ship. Students will become familiar with the fission process and how the energy of fission is used to power a naval nuclear ship.

The course also covers the basics of how a naval nuclear propulsion plant is operated. An overview is provided on how the shipyard works with nuclear ships to build and refuel them. So bring your questions and get an understanding of how your role here at the shipyard contributes to ultimately making our ships operate efficiently and safely. This course should not be taken by E80 division personnel who are required to take a similar course, known as 4K1, as part of their normal divisional training.

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THOMAS NELSON COMMUNITY COLLEGE (TNCC) CERTIFICATE PROGRAMS

TNCC tuition and fees are applied to all TNCC Certificate Program Courses. Student is responsible for submitting grades and book receipts. ***DEADLINE for enrollment and release forms will be July 18th, 2022 by 4:00pm.***

FUNDAMENTALS OF ORGANIZATIONAL LEADERSHIP CAREER STUDIES CERTIFICATE PROGRAM (3 Credits Each)

BUS 117 Principles of Leadership	ONLINE	TNCC	Online
PHI 220 Ethics	ONLINE	TNCC	Online
BUS 205 Human Resource Management	ONLINE	TNCC	Online
CST 100 Public Speaking	ONLINE	TNCC	Online

SUPERVISION CAREER STUDIES CERTIFICATE PROGRAM (3 Credits Each)

BUS 204 Project Management	ONLINE	TNCC	Online
BUS 200 Principles Of Management	ONLINE	TNCC	Online
BUS 111 Principles Of Supervision	ONLINE	TNCC	Online
BUS 201 Organizational Behavior	ONLINE	TNCC	Online

BUSINESS MANAGEMENT CERTIFICATE PROGRAM (3 Credits Each)

ECO 202 Principles of Microeconomics	ONLINE	TNCC	Online
ENG 111 College Composition 1	ONLINE	TNCC	Online
ENG 115 College Composition 2	ONLINE	TNCC	Online
ACC 211 Principles of Accounting 1	ONLINE	TNCC	Online
ACC 212 Principles of Accounting 2	ONLINE	TNCC	Online

Did you know.....?

You **MUST** apply for graduation after completing course requirements to receive your TNCC Certificates. However, there is **NO OBLIGATION** for you to participate in the formal Graduation Ceremony held annually in May.

Graduation application deadlines are as follows:

Summer 2022 Deadline-June 1

Fall 2022 Deadline-October 1

Spring 2023 Deadline-March 1

Upon approval for graduation, TNCC will notify you via your TNCC e-mail address. If you have any questions please contact Graduation Specialist Carmen Charland at 757-825-2846 or CharlandC@tncc.edu.



THOMAS NELSON COMMUNITY COLLEGE (TNCC) CERTIFICATE PROGRAMS REGISTRATION, COURSE ENROLLMENT, & EDASSIST PROCESS:

A Night School application should be submitted to request a seat in your desired class. After your request has been processed, you will receive an email notification to confirm the class.

*The email notification is **not** an enrollment notice.*

*All applicants (new or continuing students) must register as an official student at TNCC (can be done at www.tncc.edu/apply). After registering with TNCC, notify the Night School Administrator, Sherry Morgan. She will then email the enrollment form and release form with a return deadline of **July 18th, 2022**. The enrollment form and release form must contain your TNCC student ID number.*

(If you have previously been a TNCC student but have not attended for two terms, you must re-register.)

***Begin your EdAssist (Bright Horizons) process to pay for your TNCC class(es).
This process requires submission of:***

- *A new Program of Study (POS) request form, that must be submitted prior to beginning a degree or certificate program.*
- *Education Assistance Goal, Application (must be completed & submitted in EdAssist)*
- *Request disbursement for class(es) applied for.*

The Night School Administrator will send out a notification when it's time to process, after classes have been verified. (Making it with the minimum 10 students required).

Graduation and document requests must be submitted within 60 days of course completion. This can be done on the TNCC website.

Didn't Finish High School?

FREE TO ALL NNS EMPLOYEES

General Educational Development Certificate (GED)

The GED Test is a four subject online test.

Graduates are awarded a CERTIFICATE of high school equivalency

National External Diploma Program (NEDP)

The NEDP is a self-paced, web-based program.

The program offers flexibility to earn your high school diploma even if you are employed full time.

Adult Education Classes:

Math Assistance

Adult Basic Education

GED Exam Prep

English as a Second Language (ESL)

A caring teacher is ready to help you!

Just one call can get you on road to a better future!

Whether you are 18 or 55, **you can** get a high school diploma (GED). Our trained staff provides individualized tutoring in the areas of reading, writing and math. For more information, or to schedule an appointment, please contact: **Ashley Riedell at 757-380-7991**

Imagine the pride and self-confidence you'll feel when you reach your goal!

Do it for your FAMILY...

Do it for YOURSELF!



Pictured: Vickie Zuniga, Rondalyn Jenkins, Regina McLean, Sherry Morgan

Earth Day Clean up in April