Employee Educational Opportunities & Night School News

Class Schedule for April 3- June 7, 2023

Spring 2023

Application Deadline: March 1, 2023

Spring Term 2023

Night School

Application Deadline: *March 1, 2023*

Classes Begin: *April 3, 2023*

Classes End: *June 7, 2023*

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.* ***VPCC*** *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).

BASIC SKILLS

Pre-Algebra (45 Hours)

T TH 4:15- 6:45 PM *TBD* *A-SCH, BLDG. 1919*

Algebra I, Part A(45 Hours)

M W 12:00—2:30 PM *S. Martin* *A-SCH, BLDG. 1919*

Algebra I, Part A(45 Hours)

T TH 4:15 - 6:45 PM *S. Risinger* *A-SCH, BLDG. 1919*

Algebra I, Part B (45 hours)

Prerequisite: Algebra I, Part B

M W 4:15 - 6:45 PM *E. Oliver* *A-SCH, BLDG. 1919*

Algebra II, Part A (45 hours)

Prerequisite: Algebra I, Part A and B

T TH 12:00—2:30 PM *S. Krist* *A-SCH, BLDG 1919*

Algebra II, Part A (45 hours)

Prerequisite: Algebra I,

M W 4:15- 6:45 PM *C. Rossi* *A-SCH, BLDG 1919*

Algebra II, Part B (45 hours)

Prerequisite: Algebra II, Part A

M W 4:15 - 6:45 PM *E. Dickens* *A-SCH, BLDG. 1919*

Geometry (45 hours)

Prerequisite: Algebra I, Parts A & B

M W 4:15 - 6:45 PM *TBD* *A-SCH, BLDG. 1919*

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

T TH 4:15 - 6:45 PM *L. Koeck* *A-SCH, BLDG. 1919*

SAT 8:00 AM- 1:00 PM *C. Blake* *A-SCH, BLDG. 1919*

COMPUTER RELATED COURSES

Access– Intermediate (22.5 hours)

T 4:30 - 7:00 PM D. Belew NetCenter: TECHNICAL LEARNING CTR

Excel I (22.5 hours)

TH 4:30 - 7:00 PM J. Anastasi NetCenter: TECHNICAL LEARNING CTR

AutoCAD 2020 – Introductory (22.5 hours)

T 4:30 - 7:00 PM P. Burgener A-SCH, BLDG. 1919

Introduction to JavaScript (22.5 hours)

M 4:30-7:00PM J. Hunter *A-SCH, BLDG. 1919*

JavaScript II (22.5 hours)

W 4:30-7:00PM J. Hunter *A-SCH, BLDG. 1919*

HEALTH RELATED COURSES

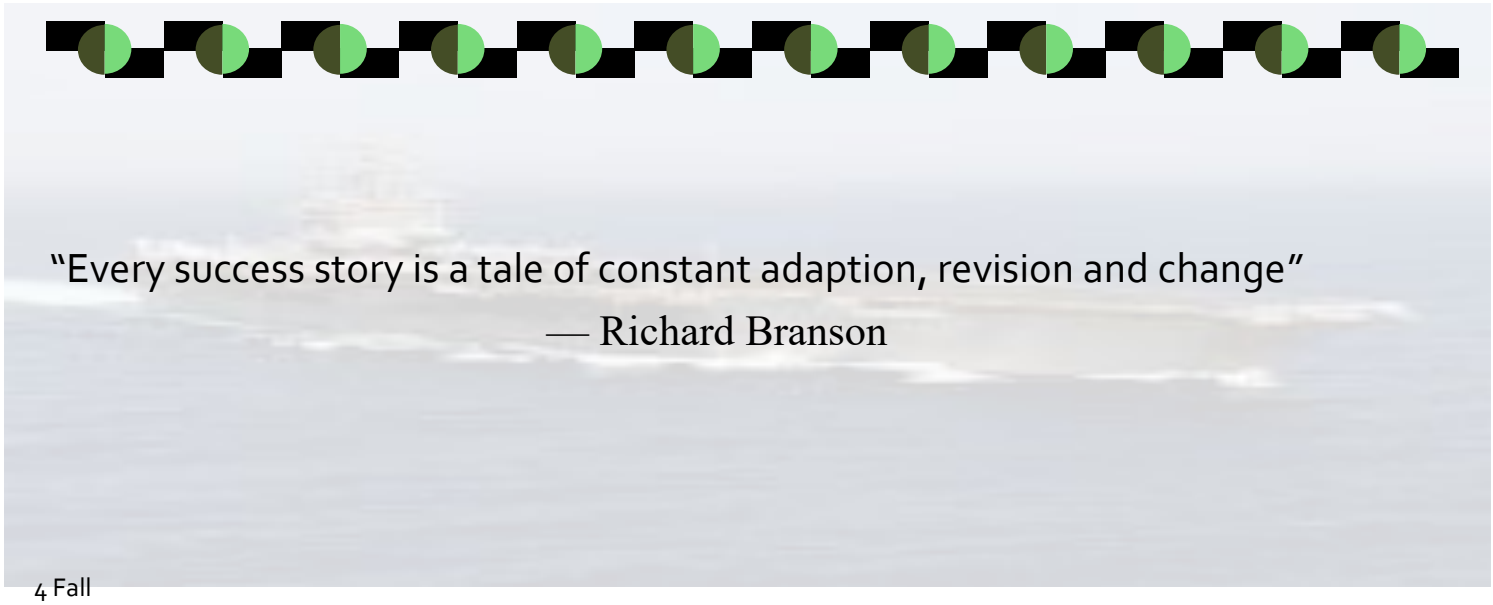
CPR/First Aide (6 hours)

W 4:30 - 7:00 PM A. Mingle A-SCH, BLDG. 1919

Health & Safety-HS, Self –Paced Home Study (22.5 hours)

W 4:30—7:00 PM B. Sharon BLD 79-1 Conference Room

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



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. 903/5, CONF RM 514 A&B*

W 4:30 - 7:00 PM *L. Showalter* *BLDG. 903/5, CONF RM 514 A&B*

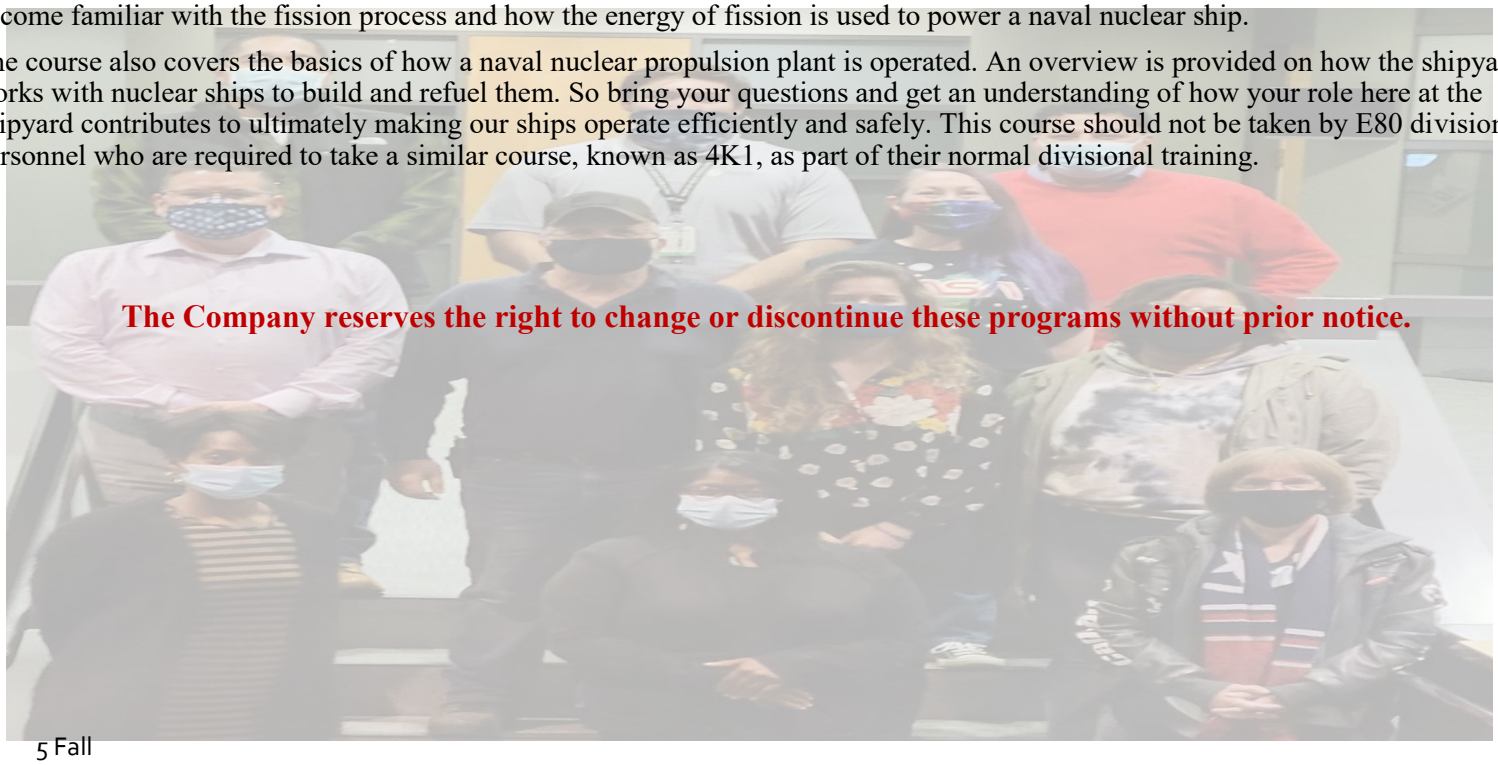
This course is designed for employees who are interested in learning about Newport News history, organizational structure, shop manufacturing, and ship construction processes. The course examines modern shipbuilding by combining lectures with walking tours of the manufacturing shops and ship. *During 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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TRADE RELATED COURSES

Electrical Theory (45 hour)

T TH 4:30-7:00 PM *G. Allshouse* *A-SCH, BLDG 1919*

This course combines the concepts of Direct Current (DC) and Alternating Current (AC) theories formerly taught in the Electricity I and II classes. It focuses on several key concepts from the original classes such as electrical safety, atomic theory, types of electrical circuits, Ohm's law, and DC versus AC. New integrated concepts include motors, electro-mechanical controls, and shipboard electrical distribution.

Fundamentals of Corrosion Control Through Coatings (45 Hours)

Length: 45 Hours

T TH 4:30-7:00 PM *McCluer* *A-SCH, BLDG 1919*

Designed for the experienced and inexperienced tradesmen and engineers who desire to increase their level of knowledge in the blast and coating trade. Course provides theoretical and practical information on the use of coatings to control corrosion and the economic benefits derived from proper selection and application. Topics include: basic principles of corrosion, coating types and characteristics, proper selection of coatings, surface preparation, equipment, techniques, media and standards, environmental issues and concerns, inspection procedures and protocols and other coating processes, i.e., metal finishing process, metalizing, electrostatic deposition and powder-coating.

***Pipe Welding Program (50-200 hrs)

Sat 8:00 AM - 1:00 PM *D. Kaminski* *WELDING SCH, B1728*

Fundamentals of Pipefitting (45 hours)

Length: 45 Hours

TBD *S. Pearson* *B610 Cr. 201*

Focuses on how to read and interpret blueprints and the use of basic tools used for pipefitting. The course introduces orthographic projection, piping symbols, reading a scale, and blueprint information blocks. Additional topics include shipbuilding terminology, "X" and "Y" dimensions, arrangement drawings, make up of flanged pipe joints, small tubing and pedestal benders, determining size of bending head radius, micrometers and dial gages, and bend rolling offset

***Classes are full; still accepting applications!**

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

VIRGINIA PENINSULA COMMUNITY COLLEGE (VPCC) CERTIFICATE PROGRAMS

VPCC tuition and fees are applied to all VPCC Certificate Program Courses. Student is responsible for submitting grades and book receipts. ***DEADLINE for enrollment and release forms will be February 13, 2023 by 4:00pm.***

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

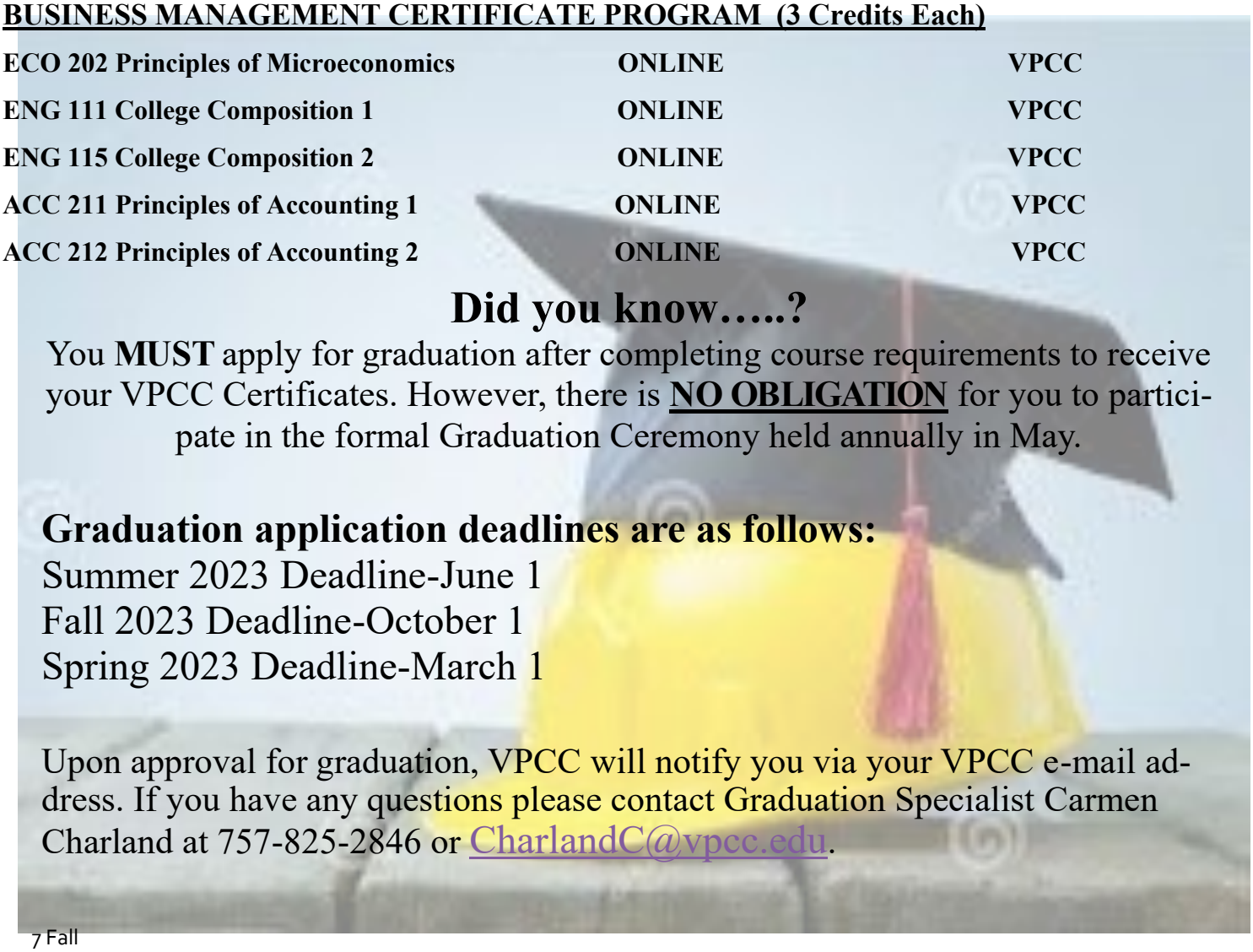
BUS 117 Principles of Leadership	**ONLINE**	**VPCC**
PHI 220 Ethics	**ONLINE**	**VPCC**
BUS 205 Human Resource Management	**ONLINE**	**VPCC**
CST 100 Public Speaking	**ONLINE**	**VPCC**

SUPERVISION CAREER STUDIES CERTIFICATE PROGRAM (3 Credits Each)

BUS 204 Project Management	**ONLINE**	**VPCC**
BUS 200 Principles Of Management	**ONLINE**	**VPCC**
BUS 111 Principles Of Supervision	**ONLINE**	**VPCC**
BUS 201 Organizational Behavior	**ONLINE**	**VPCC**

BUSINESS MANAGEMENT CERTIFICATE PROGRAM (3 Credits Each)

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



Did you know…..?

You **MUST** apply for graduation after completing course requirements to receive your VPCC 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 2023 Deadline-June 1
Fall 2023 Deadline-October 1
Spring 2023 Deadline-March 1

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

VIRGINIA PENINSULA COMMUNITY COLLEGE

VIRGINIA PENINSULA COMMUNITY COLLEGE (VPCC) 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 VPCC (can be done at www.vpcc.edu/apply). After registering with VPCC, notify the Night School Administrator, Sherry Morgan. She will then email the enrollment form and release form with a return deadline of Feb 13, 2023. The enrollment form and release form must contain your VPCC student ID number.

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

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

- *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 VPCC 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: **Peninsula Regional education Program website at—http://www.peninsulaed.com** To schedule an evaluation and start this next chapter of your life.

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

Do it for your FAMILY…

Do it for YOURSELF!