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Port Huron Northern High School

Parent Workshop for a Four Year Plan

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Port Huron Schools
Advocate Innovate Educate

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What is in your folder?

- High School Course Catalog – course descriptions and other information about Northern
- Survey – survey about tonight’s presentation, please leave in trays around the PAC before you leave tonight
- Copy of tonight’s power point
- Course selection sheets
- Specific information for new STEAM Classes
- Four Year Game Plan Worksheet



N Why a Four Year Game Plan?

- Fitting all courses students are required to take with courses of special interest is tough
- High school is four years, not one year at a time
- Planning will help students see the big picture
- Educational Development Plan (EDP)
- Where will the student be in 4 years?
- Expect to make changes



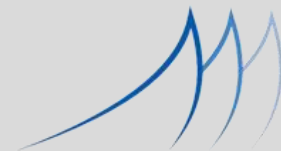
N Educational Development Plan (EDP)

- Required for all students in the State of Michigan from grades 7-12
- Xello is the tool used by Port Huron Schools to guide students
- Original plan developed in 7th Grade and updated each year
- Helps student connect high school courses, career ambitions/interests, and college/career readiness



N Key Points to Remember for Scheduling

- 22 Credits are required for graduation
 - 18 Core Content Classes
 - 4 Electives
- 24 Credits of instruction are possible, 6 credits per year
- 0.5 Credits = 1 semester (Half Year)
- 1.0 Credits = 2 semesters (Whole Year)



N Required Credits

➤ English Language Arts	4.0 credits
➤ Math	4.0 credits
➤ Science	3.0 credits
➤ Social Studies	3.0 credits
➤ World Language (some variance)	2.0 credits
➤ Physical Education	0.5 credits
➤ Health	0.5 credits
➤ Visual/Perf/Applied Arts (VPAA)	1.0 credit
➤ On-Line Experience (ELA)	
➤ <u>Electives</u>	<u>4.0 credits</u>
Total	22.0 credits



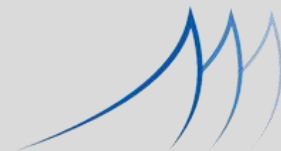
N Advanced Placement Courses

- AP = Advanced Placement
- AP courses have a specific curriculum designed to mirror a university course, the curriculum is monitored by the College Board. The College Board also administers the PSAT and SAT.
- Students may choose to take the AP test in May to earn college credit
- College credit may be earned if the student scores a 3, 4, or 5 on the test. The highest possible score is 5.
- College credit? -
<https://apstudent.collegeboard.org/creditandplacement/search-credit-policies>



N AP Capstone Diploma and Certificate

- A diploma program designed for college bound students.
- Nationally recognized by universities
- AP Seminar and AP Research. Both can be used to replace ELA.
 - AP Seminar in Grades 10 or 11
 - AP Research in Grade 11 or 12



N Class Rank, Valedictorian, Salutatorian, and AP Classes

- Northern offers many courses – AP, STEAM, and electives
- Students should experience many courses
- There are many incredible, successful students who are not Vals or Sals.
- If your student likes band, choir, or art– they should take band, choir, or art regardless of class rank
- If you student has an interest in STEAM – take STEAM regardless of class rank
- If you are concerned about college admission – please know colleges want well rounded people



N English Language Arts (ELA) – 4 Credits

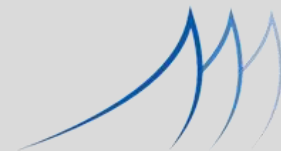
- ELA Grade 9 ↔ ELA Grade 9
- ELA Grade 10 ↔ AP Seminar
- ELA Grade 11 ↔ AP Language and Composition **or** AP Research
- ELA Grade 12 ↔ AP Literature and Composition **or** AP Research



N Mathematics – 4 Credits

All students must have each of these three classes/credits

- 1. Algebra Credit** - 9th Grade, unless student passed 8th Grade Algebra test
 - Honors Algebra 1
 - Algebra 1
- 2. Geometry** – 9th and 10th grade
 - Honors Geometry – 9th and 10th grade
 - Geometry – 9th and 10th grade
- 3. Algebra 2 Credit**
 - Algebra 2 – 11th Grade, some 10th grade
 - Intermediate Algebra 2 A/B and C and Financial Management – 11th and 12th Grade, this is 2 credits over two years
- 4. Some students may choose to take two math courses in one year**

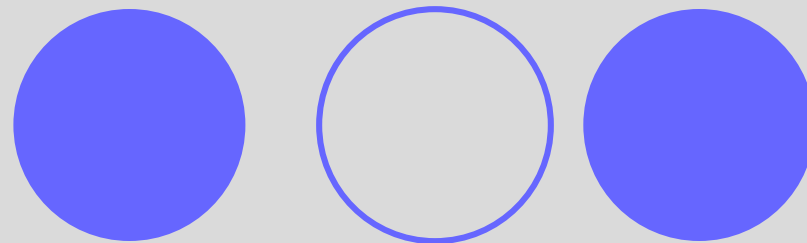


N Fourth Mathematics Credit

- One additional math credit
 - AP Statistics
 - Pre-Calculus
 - AP Calculus
 - Bookkeeping/Accounting
 - STEAM Engineering Class (also VPAA)
 - College course once curriculum is exhausted
- Students taking Intermediate Algebra 2AB, C, and Financial Management do not need an additional credit
- All students must successfully complete a math course (one full credit) in their final year of high school



N Mathematics



Sequence of math courses

- Algebra
- Geometry
- Intermediate Algebra 2AB
- Intermediate Algebra 2C
- Financial Management
- Honors Algebra
- Honors Geometry
- Algebra 2
- Pre-Calculus
- AP Calculus
- AP Statistics
- Bkkp/Account

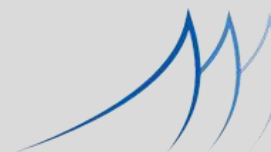
Note:

Int Alg 2AB (2 semesters)

Int Alg 2C (1 semester)

Fin Man (1 semester)

All other courses 2 semesters

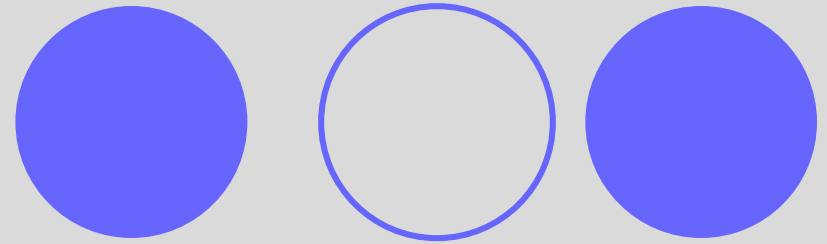


N Science 3 - Credits

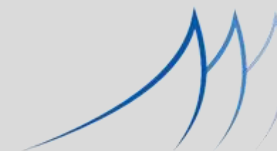
- Biology or AP Biology
- Anatomy and Physiology or Chemistry or Physics
- One additional science credit - other science classes available
 - AP Biology
 - AP Chemistry
 - AP Physics 1: Algebra Based
 - AP Environmental Science
 - Anatomy and Physiology
 - Chemistry
 - Physics
 - Physical Science
 - STEAM – Biomedical courses



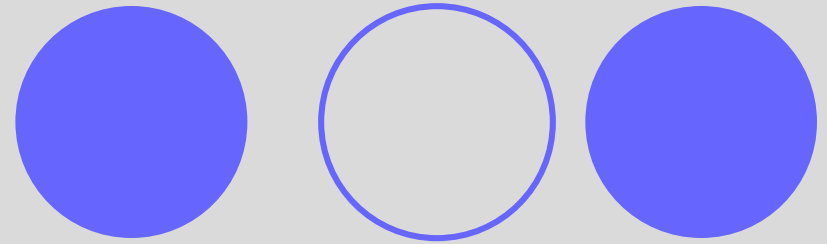
N More Science



- Most students start with Chemistry or Biology
- High interest
 - Make certain to take AP
 - Take four years
- Low interest (minimum)
 - Biology
 - Anatomy/Physiology
 - Physical Science (TEC credits may replace this course)
- STEAM – additional science credit
 - Principles of Biomedical Science
 - Human Body Systems
 - Medical Interventions



N STEAM Classes



Additional Science Credit

- Principles of **Biomedical Science**
- **Human Body Systems**
- **Medical Interventions** (Pre-req PBS or HBS or AP Bio or Ant/Phys)

Additional Math Credit – not with the NCAA

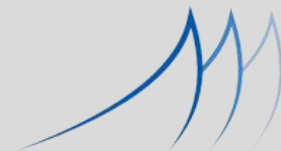
Clearinghouse – if college athletics is in the future – let the students counselor know

- Introduction to **Engineering Design**
- Principles of **Engineering**
- **Computer Integrated Manufacturing** (Pre-req IED or POE)
- **Engineering Design and Development**



N Social Studies – 3 Credits

- US History – 9th Grade, or
 - Replaced with **AP US History**
- Civics/Economics – 10th Grade, or
 - Civics replaced with **AP US Government**, students would need to take Economics or test out of Economics
- World History – 11th Grade, or
 - Replaced with **AP World History**



N World Languages – 2 credits

- Currently offered at Northern
 - Spanish
 - Japanese
- World language successfully completed at the middle school meets the world language requirement for high school graduation
- 1 year of World Language can be replaced with **Career Tech Ed (CTE)** or **Visual Performing Applied Arts (VPAA)**



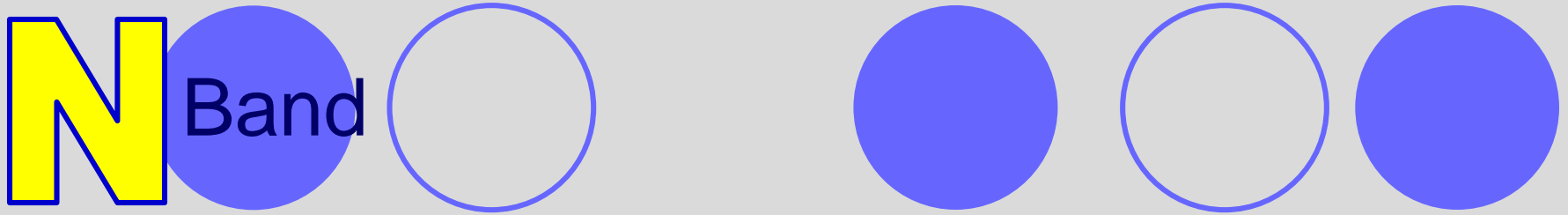
N Physical Education – 0.5 Credits

- Recreational Sports, generally taken in 9th Grade
- Sports Theory
- PE credit given to students who participate in
 - 4 years of Marching Band
 - or
 - 4 seasons in a school sponsored athletic program

N Other Requirements

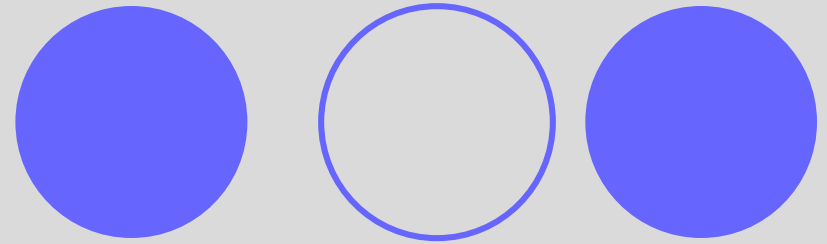
- Visual/Performing/Applied Arts – 1.0 Credit
- Health – 0.5 Credits
- On-line Experience – No credit - requirement met with Xello
- Electives – 4.0 Credits
- Participate in the **Michigan Merit Exam** (MME) taken by all 11th grade students





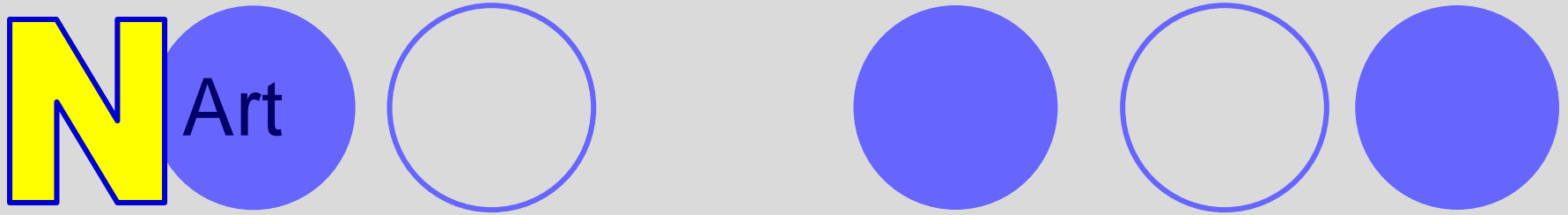
- Cadet Band – 9th
- Symphonic Band (teacher approval) – 10th
- Wind Ensemble (teacher approval) – 11th, 12th
- Marching Band is an after school activity, contact Erick Senkmajer for more information esenkmajer@phasd.us
- Four years of marching band will earn PE credit

N Choir



- Freshmen Choir
- Mixed Chorus
- Treble Choir (audition)
- Concert Choir (audition)
- Contact Ericka Senecal,
esenecal@phasd.us

*Courses offered provided there is enough student demand



- *Art Foundations
- *Drawing Foundations
- *Ceramics Methods (10th Grade)
- *Art Methods 2D (pre-req foundations)
- *Art Methods 3D (pre-req foundations)
- *Photography
- Digital Design
- Ceramic Design (pre-req ceramics methods)
- AP Studio Art (teacher approval)

*Indicates course is one semester

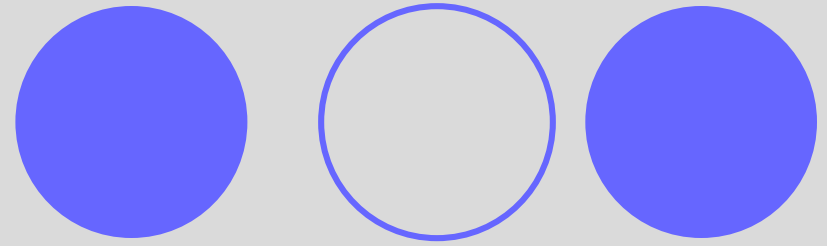


N Business Education

- *Introduction to Business
- Marketing
- *Accounting/Bookkeeping
- Co-operative Education

* Indicates CTE approved and may replace one credit of World Language

N Other Electives

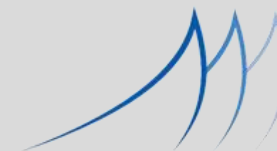


- Computer Science & Prog
- AP Computer Science
- Performing Arts
- Speech
- ¹Broadcasting Arts (Speech)
- Radio Station (teacher approval)
- Newspaper (teacher approval)

- Yearbook (teacher approval)
- Global Studies/Current Issues
- ¹Mythology & Folklore
- ¹Shakespeare
- ²Psychology
- AP Psychology
- Psychology
- Building Tomorrow's Leaders

¹Indicates course is one semester only

²Indicates course may be taken one semester or two semesters



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St. Clair County

Technical Education Center (TEC)

- Students can take courses at TEC starting their junior year
- Programs are two year programs
- Students are selected for programs by choice and random draw
- Students who take TEC will be required to take 3 core courses both their junior and senior year at Northern
- TEC programs are CTE approved and may allow students to opt out of other requirements
- TEC has a Middle College – see counselor for details



N College Dual Enrollment

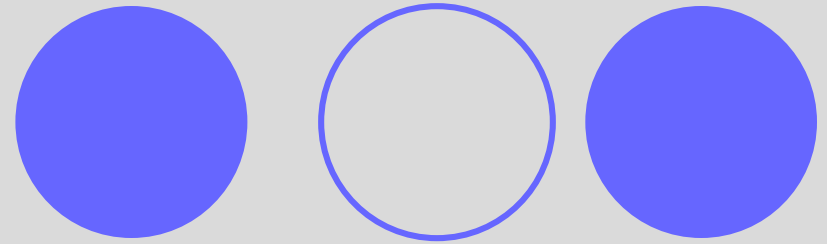
- Student may elect to take classes at St. Clair Community College through the districts dual enrollment program.
- Students may dual enroll if:
 - they have met the minimum standardized test score in the content area of the dual enrollment course— either on the SAT, ACT, or ACCUPLACER
 - they have exhausted curriculum in the content area of the dual enrollment course
- Whether college courses apply for high school credit will be the student's decision, counselors will advise
- Transportation is generally the only expense to students

N Blue Water Middle College

- Blue Water Middle College open to 11th grade students.
- Students receive their diploma from Blue Water Middle College, not Port Huron Northern High School.
- Blue Water Middle College students are not eligible for any competitive awards/recognitions at Northern High School
- Students take classes at St. Clair County Community College and at Port Huron Northern High School.
- Students will earn their associates degree at the end of five years.
- No cost to the student or parent



N Testing Out



Students may elect to test out of courses offered at Northern High School

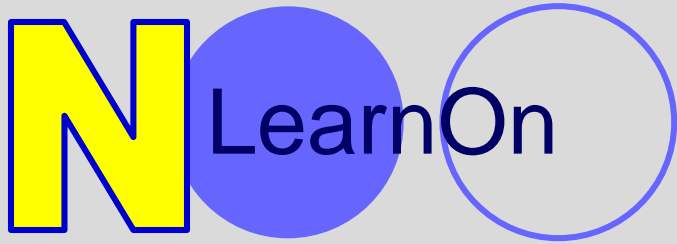
➤ When

- There are two testing out dates: before school starts in the fall and at the end of 2nd semester.
- Students must register in advance. See counselor for registration form.

➤ Requirements

- Students can not receive instruction/tutoring from the school district.
- Students must receive a 77% on the exam to receive credit.





- Port Huron Schools now has a full on-line program – see counselor for details
- Students can take one to six courses on-line through LearnOn and Port Huron Schools
- Local teachers teaching classes
- Students must complete on-line readiness assessment – OLOT olot.mivu.org



N Educational Development Plan (EDP)

- Required for all students grade 7-12
- Xello is the tool selected by the district
- To log in to Xello
 - Go to www.clever.com/in/phasd
 - Log in with Google – school email and password

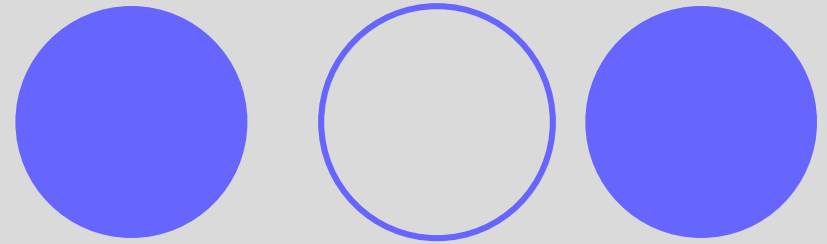


N Standardized Testing

- Testing in April
- A variety of opportunities are offered for students to gain experience in test taking
- Scores are available through Skyward and College Board
- Testing by grade level
 - 9th Grade – 8/9 PSAT
 - 10th Grade – PSAT
 - 11th Grade – MME
 - SAT plus writing
 - Work Keys
 - M-Step



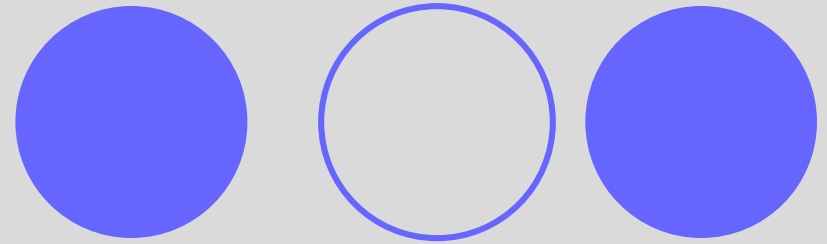
N Husky Glimpse



- Husky Glimpse will take place **August 28**
 - Northern's Freshmen Orientation
 - 9:30 am to 2:30 pm
 - Lunch is provided

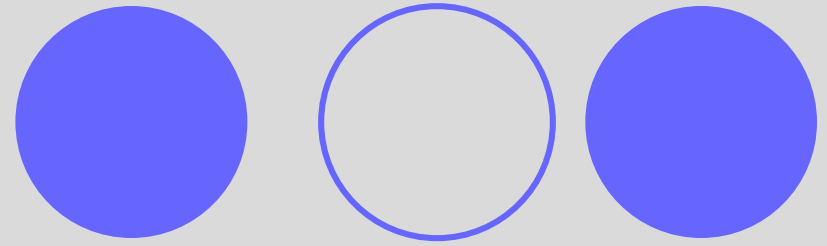


N What Next?



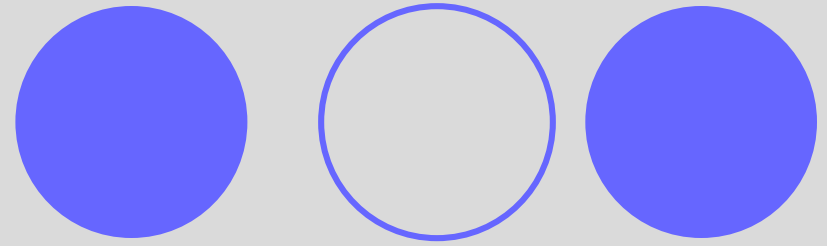
- Northern counselors visit middle schools
 - FG on February 26, 2019
 - HW on February 26, 2019
- Students will work with middle school counselors to select next years course requests
- All schedule data inputted in Skyward by March 27, 2019
- Talk to your child

N Survey



- Please take a moment to complete the survey so we can make this a better event next year.
- Thank you!

N Questions?



➤ Contact your child's counselor

➤ Phone 984-2671

➤ Counselors

➤ A-Fe Julie Barlass

jbarlass@phasd.us

➤ Ff-Lf Dena French

dfrench@phasd.us

➤ Lg-Roc Buffy Dingman

bdingman@phasd.us

➤ Rod-Z Janet Smith

jsmith@phasd.us

