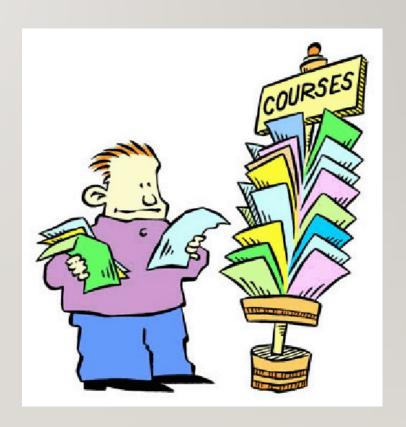


# TODAY WE WILL LOOK AT....

- Graduation Requirements
- PA Pathway to Graduation (ACT 158)
- Selecting appropriate courses
- Scheduling procedures (individual appointments)
- The resources in your post-secondary planning guide

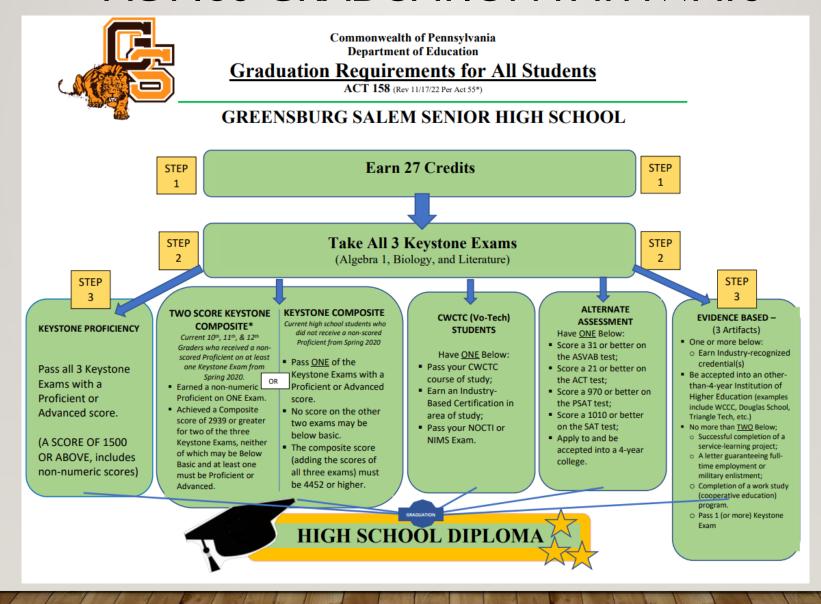


# GRADUATION REQUIREMENTS

REQUIRED COURSES	REQUIRED # CREDITS
ENGLISH/ELA	4
SOCIAL STUDIES	3
LAW & ECONOMICS	I
SCIENCE	3 to 4 CREDITS/4 YEARS * Science required in 11th grade (College bound must take Chemistry + Physics)
MATH	3 CREDITS / 4 YEARS (Can include STEM Math or CWCTC in Senior Year)
PHYSICAL EDUCATION	I
HEALTH	.5
FRESHMAN SEMINAR	.5
FINANCIAL LITERACY	.5
COMPUTER APPLICATIONS	.5
ELECTIVES	9-10 credits

TOTAL CREDITS REQUIRED 27

# **ACTI58-GRADUATION PATHWAYS**



# **SCHEDULING WORKSHEETS!**

- Let's go over course requirements per grade level....
- Worksheets-extra copies can be found on the Guidance website
- Worksheet must be completed before scheduling appointment
- Parent Signatures are required!
- Other items to consider:
  - Possible career or post-secondary options → (Required!)
  - Chose required courses where indicated
  - Complete electives and alternates
  - **CWCTC Applicants** will chose GS courses and when seats are announced Electives will be removed and replaced with CTC Shop.



# PLAN FOR YOUR FUTURE NOW!

- Choose classes that will help you identify your interests and prepare you for future careers.
  - Think about choosing classes next year that are eligible for college in high school credits or take AP exams to earn college credits!

## **2024-25' SCHOOLYEAR:**

This will allow you to take a lighter schedule in college and save you a great deal of money.

# EVERYBODY TAKE A MOMENT NOW....

# Sign up for Guidance alerts on Remind!!!

- JUNIORS Text: 81010 Message: @gsguid25
- SOPHOMORES- Text: 81010 Message: @gsguid26
- FRESHMEN-Text: 81010 Message: @gsguid27

Scheduling Window	Tenative
Juniors	2/26-3/6
Sophomores	3/11-3/18
Freshmen	3/20-3/27

#### Before you leave!!!

- Write your scheduling appointment time down on the front of your book!
- Create an alert/reminder in you phone!
- DO NOT FORGET THIS DATE & TIME
- COME PREPARED TO YOUR APPOINTMENT!

  HAVE YOUR WORKSHEET COMPLETED &

  SIGNED BY PARENTS!
- CHECK YOUR SCHOOL COUNSELOR
  TEAMS PAGE!

# PLEASE REVIEW THE BOOK!!

- This year's book can be found online.
- Keep this as a reference! Show your parents!!!
- There are many pages of reference materials for reference including:
  - Graduation requirements/ACT 158 PA Pathway Requirements
  - Timeline for high school success (testing timelines, college application process,...)
  - CWCTC information
  - NCAA
  - Financial aid
  - Military Academy





# SCHEDULING APPOINTMENTS

Save your appointment times in your phone!!

Scheduling appointments will run by Block. Come at start of assigned block.

• Appointments will be emailed and are posted outside Main Office & Guidance Office.

# SPRING TO DO ITEMS FOR JUNIORS:

- <u>Take the SAT I-2 times: May 4<sup>th</sup> & June 1st</u>-Register a month in advance at SAT.org.
- Complete Khan Academy practice!
  - Link PSAT scores to Khan Academy.
- Begin to think about life after high school, explore/visit programs of study and careers....

Ideas for the Senior Project=Less stress for your senior year.

Check out: <a href="https://bigfuture.collegeboard.org/">https://bigfuture.collegeboard.org/</a>

**Big Futures Video** 

- Chose classes that will help you identify your interests and prepare you for future careers.
  - Think about choosing classes next year that are eligible for college in high school credits or take AP
     exams to earn college credits
    - This will allow you to take a lighter schedule in college and save you a great deal of money.

# **SENIOR YEAR OPTIONS**

- Internship Opportunities- learn employability skills while learning about industries such as technology, business, engineering, health careers.
- Community Service May be taken once only. One block per day is spent at your Community Service site. You must have transportation and good attendance.
- Work Experience Does not count towards required 27 graduation credits. Students working an average of 12 hours per week are eligible for one block of Work Experience. Students working an average of 24 hours per week are eligible for two blocks of Work Experience. Ask about the Work Experience with Health Care Focus Option in guidance.
- Dual Enrollment Opportunity to take a college course on a college campus and receive HS credit.
- College In High School These are courses taken at the HS that earn you college credit for a greatly reduced tuition cost. Grants may be available for qualifying students.
- **Early Completion** There is an application process in place for seniors meeting graduation requirements by December of their senior year who wish to enter post-secondary training or the full time workforce in January of their graduating year. See your counselor or Mr. Zilli for more information.

# NEXT SLIDES ARE OPTIONAL REVIEW OF CAREER PATHWAYS

USE HOLLAND'S SELF DIRECTED SEARCH TO LEARN MORE ABOUT YOUR INTERESTS

# CAREER PATHWAYS

Pathways are career fields

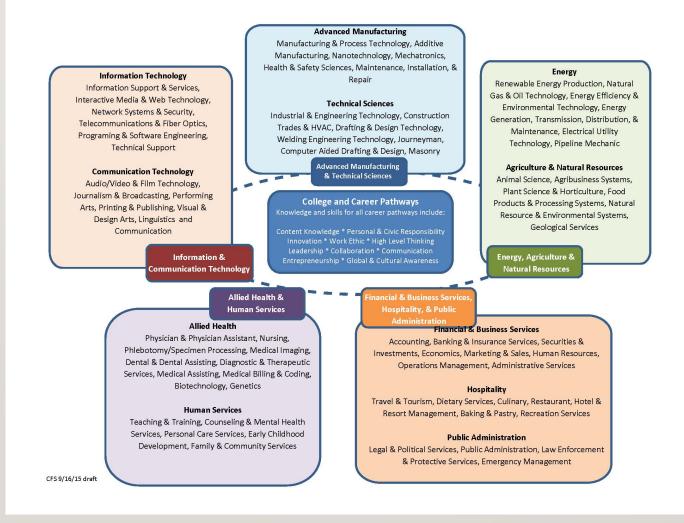
Organized into clusters because the

Required skills, interests, and

Training are similar

These are pathways that are

Highly employable in our region



# WHAT ARE CAREER PATHWAYS?

# A Pathway is:

- A broad grouping of careers
- With common interests strengths and abilities
- Focuses elective courses to goal area
- You may not know exactly what job/career goal you wish to pursue, but you may know the areas of study you prefer and the post-secondary educational path they want to take





# CAREER PATHWAYS

#### Information Technology

Information Support & Services,
Interactive Media & Web Technology,
Network Systems & Security,
Telecommunications & Fiber Optics,
Programing & Software Engineering,
Technical Support

#### **Communication Technology**

Audio/Video & Film Technology,
Journalism & Broadcasting, Performing
Arts, Printing & Publishing, Visual &
Design Arts, Linguistics and
Communication

Information & Communication Technology

#### **Advanced Manufacturing**

Manufacturing & Process Technology, Additive Manufacturing, Nanotechnology, Mechatronics, Health & Safety Sciences, Maintenance, Installation, & Repair

#### **Technical Sciences**

Industrial & Engineering Technology, Construction Trades & HVAC, Drafting & Design Technology, Welding Engineering Technology, Journeyman, Computer Aided Drafting & Design, Masonry

Advanced Manufacturing & Technical Sciences

#### College and Career Pathways

Knowledge and skills for all career pathways include:

Content Knowledge \* Personal & Civic Responsibility Innovation \* Work Ethic \* High Level Thinking Leadership \* Collaboration \* Communication Entrepreneurship \* Global & Cultural Awareness

#### Energy

Renewable Energy Production, Natural
Gas & Oil Technology, Energy Efficiency &
Environmental Technology, Energy
Generation, Transmission, Distribution, &
Maintenance, Electrical Utility
Technology, Pipeline Mechanic

#### **Agriculture & Natural Resources**

Animal Science, Agribusiness Systems,
Plant Science & Horticulture, Food
Products & Processing Systems, Natural
Resource & Environmental Systems,
Geological Services

Energy, Agriculture & Natural Resources

#### Allied Health & Human Services

#### Allied Health

Physician & Physician Assistant, Nursing,
Phlebotomy/Specimen Processing, Medical Imaging,
Dental & Dental Assisting, Diagnostic & Therapeutic
Services, Medical Assisting, Medical Billing & Coding,
Biotechnology, Genetics

#### **Human Services**

Teaching & Training, Counseling & Mental Health Services, Personal Care Services, Early Childhood Development, Family & Community Services Financial & Business Services Hospitality, & Public Administration

#### Financial & Business Services

Accounting, Banking & Insurance Services, Securities & Investments, Economics, Marketing & Sales, Human Resources, Operations Management, Administrative Services

#### Hospitality

Travel & Tourism, Dietary Services, Culinary, Restaurant, Hotel & Resort Management, Baking & Pastry, Recreation Services

#### **Public Administration**

Legal & Political Services, Public Administration, Law Enforcement & Protective Services, Emergency Management

CFS 9/16/15 draft

# BEFORE WE CAN CHOOSE A PATHWAY WE NEED TO KNOW WHAT YOUR INTERESTS ARE....

john Holland's Self directed search:

https://youtu.be/xfV6KbV-hOM?t=IIs

Jot down on page 3 what you think your

Holland codes Are: \_\_\_\_\_



# INFORMATION & COMMUNICATION TECHNOLOGY

#### Information Technology

## more investigative, realistic

- Can you meet deadlines
- Work independently
- Problem solve
- Work with computers
- <u>Careers:</u> information technology, sound technician, fiber optics, programming & software developer,

## Communication technology

- more social, artistic
- Are you creative
- Prefer unstructured situations
- Write and proofread
- Articulate clearly
- <u>Careers</u>: proofreader, newsroom operator, artist, actor, advertising creator

# **ALLIED HEALTH & HUMAN SERVICES**

#### Allied health

- Are you social and investigative
- Like working with people
- Enjoy applying science & math to real world
- Curious
- <u>Careers</u>: physician, x-ray technician, dental assistant, pharmacist, massage therapist

#### Human services

- are you social
- Have a strong verbal and interpersonal skills
- Concerned with the welfare of others
- <u>Careers</u>: teacher, mental health counselor, armed services career, parole officer, cosmetologist

# **ENERGY, AGRICULTURE & NATURAL RESOURCES**

#### **Energy**

- Are you realistic and investigative
- Enjoy working outdoors
- Are mechanically inclined
- <u>Careers</u>: natural gas & oil technology, electrical, utility technician, pipeline mechanic, solar panel salesperson

#### Agriculture & natural resources

- Are you realistic and investigative
- \_like to build things with tools and work outdoors
- Like to work with big powerful machines
- <u>Careers</u>: animal science, farming, geologist, soil conservationist, park ranger, veterinarian technician

# ADVANCED MANUFACTURING & TECHNICAL SERVICES

#### Advanced manufacturing

- Are you realistic & conventional
- Do you like well ordered environments
- Describe yourself as orderly, persistent, or calm
- <u>Careers</u>: machine operator, diesel mechanic, warehouse worker, mechatronics, nanotechnology, machine maintenance

#### Technical services

- are you realistic
- Enjoy hands on work, mechanically inclined
- Good motor coordination
- Likes to build with tools
- Careers: construction trades, hvac, welding, cad, masonry, mechanic, architect, robotics, engineer

# FINANCIAL & BUSINESS SVC., HOSPITALITY, & PUBLIC ADMINISTRATION

# Financial & Business

# Svc.

- Are you conventional or enterprising
- Do you pay attention to detail
- Solve problems
- Enjoy being a leader
- <u>Careers</u>: bank teller, tax preparer, financial planner, ceo

# **Hospitality**

- Are you social
- Do you work well with others
- Show initiative
- Enjoy developing, training, helping others
- <u>Careers:</u> travel agent, restaurant manager, chef, hotel manager

## Public Administration

- are you enterprising and social
- Do you like being a strong leader
- Enjoy making things happen
- Concerned with power or the well being of others
- <u>Careers:</u> ems, fireman, lawyer, police officer

# LET'S UNDERSTAND EACH PATHWAY BETTER!

## For each pathway it lists:

- Interest areas, Skill Areas, and Careers that you are being trained for by choosing classes in that pathway
- To better prepare you for a career & post-secondary education we have grouped classes that will support your pathway aspirations
- The Electives are shown by what is available by grade level in each pathway
- Use this this guide to declare your pathway and elective decisions on your worksheet in back of book.