



Criminal Justice

The Criminal Justice Program is for 11th and 12th Grade students.

This course is designed for students who are considering a career in criminal justice. The course prepares students for career opportunities within the criminal justice system as well as entrance into institutions of higher learning. Specific areas of training will be provided in criminal law and investigation, security training, communications, emergency response, crimes, search and seizures, arrests, crime prevention, court procedure and police operations. The program is structured to give students a strong academic background with the skills and knowledge necessary to meet the needs of a career in any of the cited fields. In addition, experts from various agencies provide in-depth information and experiences.

Major Topics Covered:

Introduction to the Criminal Justice System

Definitions of Types of Crimes

Defensive Tactics / Handcuffing Techniques

Introduction to Criminal Investigations

Introduction to Crime Scene Investigations

Use of Force Continuum

Court Procedures

Crime Prevention

Arrest and Custody Procedures

Traffic and Patrol Procedures

Career Considerations

Physical Fitness



Culinary Arts at Potomac High School

Due date for this application is March 31.

[*Culinary Arts Specialty Program Application*](#)

[*Culinary Arts Teacher Recommendation Form*](#)

Potomac's Culinary Arts Program is a CTE course of study starting with Intro to Culinary, and continuing to Culinary I and culminating in Culinary II. Students of the Culinary Arts Program will graduate with work-place readiness skills, becoming ServSafe certified. ServSafe is a training certificate program and is a basic [food safety](#) credential required by many restaurants for their management staff. Culinary students will be taught advanced culinary skills by Chef Bozza and Chef Evans using resources such as the textbooks from the Culinary Institute of America and Johnson and Wales and a state-of-the-art commercial cooking lab.

Units of study include exploring the many careers within the food service industry, food safety and sanitation, essential culinary skills, nutrition and meal planning, exploring cultures and their food internationally and regionally, baking skills, and economics and logistics of food.

Chef Bozza brings over 20 years of professional culinary experience to the foods lab at Potomac High School. Her areas of expertise are restaurant management, catering, Italian and French cuisine, cake decorating, and pastry arts.

Chef Evans brings over 20 years of Marine Corps culinary experience with expert knowledge in international cuisine. His areas of specialty include catering, southern cuisine, and meat production.

The classroom approach from both Chefs focus on real-world work experience in the food service industry. Students will compete with classmates using the kitchen skills and knowledge learned from this course. This is a fun and exciting class to be in as well as a very rewarding and enriching career path to choose. If you love working with food and have a passion to create wonderful meals, then this is the course for you.



Potomac High School Cyber Security Course

According to Cisco in their latest annual report, there is currently a demand for over 1-million IT Security and Cybersecurity workers. Starting this year Potomac High School is very excited to offer a new CTE 4-year program of study; Computer Systems Technology I “Cyber Security” as a transfer program open to students Division-wide in PWCS.

The Potomac High School Cyber Security program is a first in PWCS. In this program, students enter the world of computer technology and gain practical experience in assembling a computer system, installing an operating system, troubleshooting computers and peripherals, and using system tools and diagnostic software. They develop skills in computer networking and resource sharing. Cyber Security units will include maintaining endpoint security, maintaining network security, implementing threat mitigation and exploring ethical and legal cyber issues. The units will be taught using the new Marcraft Cyber Securities Essentials program which was developed using the National Institute of Standards (NIST) framework, developed in a collaborative effort between the US Government, and prominent US IT companies. The NIST Cyber Security framework was established to generate a future pipeline of IT personnel to work in the Cyber Security Industry. The Marcraft Cyber Securities Essentials program uses a comprehensive approach to teach students the basics of local and enterprise security, Physical Asset Protection, Medical IT security, Industrial IT security, and anti-hacking measures.

Next year the course will expand to include Computer Systems Technology II Cyber Security, plus Forensics. This program is cutting edge from the classroom infrastructure to the cybersecurity modules. The goal of the program is to prepare students to enter into a Cyber Security career after high school or an IT college degree program. Students will have the opportunity to earn their CompTia A+ Certification, and the ISACA Cyber Security Fundamentals Certificate Exam.

For additional information contact:

Potomac High School
Principal: Mr. Michael Wright
Ms. Bullock, NBCT
Cyber Security Instructor
Phone: 703.441.4222
E-mail: bulloclb@pwcs.edu

Gifted Education News

The gifted education resource teacher is Ms. Bibb. She can be reached at bibbjr@pwcs.edu
703 441 4201

Governor's School applications for Summer Residential 2015 will be online soon.

Please look at my web page under Governor's School for all forms, meetings, and schedules.

Please see course recommendations for Gifted Students below.

We will be meeting the week of 9/29 to complete the DSP for 2014-15 school year.

Graduation years 2015 and following:

To all gifted students, their parents, counselors and others whom it may concern:

Please consider the following thoughts when considering which courses to select for the upcoming school year and the years ahead. For more detailed information and individual recommendations, please contact us directly or see your classroom teachers and guidance counselor.

General Recommendations for Gifted Students

A part of the Gifted Education services at Potomac HS is the differentiation provided through IGCSE/Pre-AP and AICE/AP coursework. While it is not required to be in the program, students are encouraged to enroll to challenge themselves and take a full schedule each year. Therefore, all identified students are encouraged to pursue an Advanced Studies Diploma which requires 26 credits:

Advanced Studies Diploma Requirements

4 credits in each of the core areas of English, Social Studies, Math, and Science (16 total)

3 in Foreign Language. This may be achieved with 3 credits of a single language or 2 each of 2 languages.

2 credits in Health/Physical Education

1 in Economics and Personal Finance

1 in Fine/Performing Arts or Career/Tech Ed

3 elective credits of your choice

Take advantage of the highest level courses available. This includes the opportunity for advanced foreign language studies and a recommended goal is to complete the highest level available in a particular language.

Science Sequences (Courses are not tracked but science and math prerequisites are critical)

Grade 9	Grade 10	Grade 11	Grade 12
IGCSE Biology	AICE Biology (Lecture + Lab period)		Adv
Biology		AICE Chemistry (Lecture + Lab period)	
Earth Science		Physics I	
	Chemistry		AICE Physics B (Lecture + Lab period)
IGCSE Biology.			
Biology			AICE Environmental Science
(One pd.)			

Note: All AP sciences require Chemistry I, Oceanography, or Astronomy.

Math Sequences (Courses are tracked; prerequisites and teacher recommendations are critical)

Grade 9	Grade 10	Grade 11	Grade 12
			AICE High Math II
IGCSE	IGCSE	AICE High Math I	
Geometry	Alg. II/Trig	Pre-AP Functions/Trig.	
	Algebra II	Advanced Mathematics	AP Statistics



Welcome to NovaNET!

You are about to become a member of the NovaNET community of learners. Thousands of students just like you use NovaNET every day to help them reach their individual goals.

On the following pages, you will learn how to download and install your NovaNET software on a Windows workstation.

[Click here](#) for directions to download NovaNet at home!

WELCOME TO THE POTOMAC NJROTC.

HOME OF THE PANTHER BATTALION

Also visit our new website at www.panthersnjrotc.webs.com and become a member. See calendar of events for the most up-to-date schedule of events.



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The links below are the required forms for NJROTC.

NJROTC Physical Form

NJROTC Sign Up Sheet

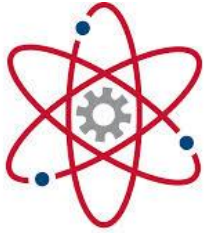
NJROTC JUMS Input Form

NJROTC Health Risk Screening Questionnaire

NJROTC Standard Release Form
(PLEASE PRINT FORM FRONT TO BACK)

Cadet Reference Manual

<http://panthersnjrotc.webs.com/>



PROJECT LEAD THE WAY
PLTW

Project Lead the Way's mission is to prepare students for the global economy by encouraging them to pursue highly technical degrees in engineering and related fields. PLTW accomplishes this through world-class curriculum, high-quality professional development, and an engaged network.

Click on the links below for more information about this Specialty Program and required classes.

[*About Project Lead the Way*](#)

[*Sequence of Classes*](#)



WELDING PROGRAM

Applications will be accepted until February 1st.

Welding is the process of joining various types of metal together with the application of heat. Learn how to apply basic Math, Science, Engineering and Art at the only Welding Lab in the Prince William County Public School Division.

Potomac Senior High School's Welding Lab teaches all the major welding techniques used in today's

industry. Students will become a part of the most advanced, modern technology any lab has to offer. Students also have the opportunity to become dually-enrolled as high school and college students, partnered with Northern Virginia Community College, earning college credits while still in high school. Students have the opportunity to gain close to all the credits needed in order to become certified welders at a fraction of the cost of Northern Virginia Community College's regular tuition rate as a result of our partnership with NVCC.

Our Welding Program is AWS (American Welding Society) accredited and a SENSE Level certification (Students Excelling through National skill Standard Education) can be earned. We also participate in SkillsUSA local, district and national competitions. Potomac Senior High School's Welding Program is designed to train and certify students to become highly skilled individuals upon graduation. Learn how to weld for a career or a hobby. The program participates in numerous field trips that are taken throughout the year to various welding organizations such as Dominion Power Plant and ship yards. We offer a 4 year, fully transferrable program; however, 9th graders are required to take Technical Drawing for their first year preparation. Grades 10, 11 and 12 start welding immediately. Students with less than 4 years left on their educational requirements can also transfer to the Program.

For Your Welding Program Application, follow the link below where you will be directed to the PWCS, CTE, and Specialty Program area for the form.

<https://myportal.pwcs.edu/portal/page/portal/Intranet/Curriculum/SpecProgReg>

"Imagine it : Build it"

Please contact Professor Simon J Bhagwandeem at Bhagwasj@pwcs.edu for any questions.