

# PHS REGISTRATION

2016



# PHS COUNSELORS

- Jeff Schelly (A – D)
- Julie Ulstrup (E– K)
- Cassie Poncelow (L – Ri)
- Rochelle Lenox (Rj – Z)
- Greg Piccolo (IB: A – K)
- Kim Wilder (IB: L – Z)
- Isabel Thacker (ELA)



# GRADUATION REQUIREMENTS

Requirement	Credits	Requirement	Credits
Language Arts	40	World Lang/Culture	10
Mathematics	30	Fine and Applied Arts	10
Science	30	Health and Wellness	15
Social Studies	10	Personal Finance	5
US History	10	Economics	5
Government	5	Elective	65
Humanities	5	<b>TOTAL CREDITS:</b>	<b>240</b>

**TOTAL: 240 CREDITS FOR GRADUATION**

# GRADUATION SUMMARY

**240 Credits are required for graduation**

**10th Grade/Sophomore Status = 60 Credits**

**11th Grade/Junior Status = 120 Credits**

**12th Grade/Senior Status = 180 Credits**

# 4 YEAR COLLEGE REQUIREMENTS

- English - 40 Credits or 4 Years
- Math - 40 Credits or 4 Years (Algebra 1 and higher)
- Science - 30 Credits or 3 Years (2 must be lab based)
- Social Studies - 30 Credits or 3 Years (1 must be US or World)
- Foreign Language - 20-30 Credits or 2-3 Years (same language)
- Academic Electives - 20+ Credits or 2+ Years



# REGISTRATION PACKET: DUE MARCH 4TH

- Your registration form will include your course requests and your ICAP form.
- All forms must be signed by a parent/guardian.

Middle School	Date	Middle School	Date
Webber MS	2/29	Wellington MS	3/3
Leshar MS	3/1	CLP MS	3/4
Lincoln MS	3/2	Boltz MS	3/4
St. Joesph's MS	3/2	Kinard MS	3/4
Blevins MS	2/29		



# INDIVIDUAL CAREER AND ACADEMIC PLANNING

2016 - 2017



# WHAT IS AN ICAP?

- **Individual Career and Academic Plan**
- ICAP is a multi-year process that intentionally guides students as they explore **career, academic and postsecondary opportunities**. With the support of adults students develop the **awareness, knowledge, attitudes and skills** to create their own meaningful and PoWeRful pathways to be career and college ready.
- Page 2 of your Registration Packet will ask questions related to your ICAP



# WHAT IS A PATHWAY?

- A **college and career oriented community** that is industry focused and provides a **lens for student learning**.
- Features **rigorous core academic learning and Career and Technical Education** coursework.
- Opportunities for **college credit** and **certifications** including work-based learning in real-world workplaces.
- **All PHS students will choose a pathway that will guide their learning over their four years at PHS.**

Grade Level

9<sup>th</sup>

10<sup>th</sup>

11<sup>th</sup>

12<sup>th</sup>

MYP Freshman Seminar / Advisory (Optional for Grades 10-12)

**ACCESS**

Advanced Placement /  
Concurrent Enrollment

**Agricultural & Natural Resources**

**Engineering & Design**

**Entrepreneurship**

**Health Sciences & Human Services**

**Arts and Humanities**

**International Baccalaureate Program**

IB MYP Certificate Pathway

IB Diploma

**IB Middle Years Program (MYP)**

Key/Related Concepts  
Global Contexts  
Subject Area Aims/Objectives  
(Assessment Criteria)  
Interdisciplinary Education  
Intercultural Awareness

Approaches to Learning Skills:  
*Communication*  
*Social Thinking*  
*Information Literacy*  
*Reflection*

Poudre High School  
& Community Collaborative



PHS SMALLER LEARNING  
COMMUNITIES

# PHS Community Collaborative – Pathways

## Business & Marketing

- Finance / Financial Life Management
- Economics / Business Economics / AP Economics
- Sports and Entertainment Marketing
- Business Law
- International Business
- Accounting 1 & 2
- Business Leadership
- Marketing
- Entrepreneurship
- Advanced Marketing
- Marketing Leadership
- PaCE 1 & 2 / Buddies
- ACE Career Skills / Financial Literacy / Economics
- ACE Internship & Work Experience

## Computer Technology

- Web Design 1 & 2
- Game design 1 & 2 / Mobile Apps
- Intro to Computer Science / AP Computer Science

## Culinary Arts

- Gourmet Foods / Catering
- Advanced Gourmet / Catering II
- Leadership Capstone

## Entrepreneurship

## Education

- Teen Choices
- Sociology / Sociology of Relationships
- Psychology 1 & 2 / AP-IB Psychology
- Early Childhood Education
- Service Learning (Elementary Partnerships)
- Teacher Cadet

## Health Sciences

- 21st Century Science Lab
- Biology / Chem. / IB & AP Chem.
- Org. Chemistry and Biochemistry
- Anatomy & Phys. / Microbiology
- Cell Biology / Genetics
- Select Health and Wellness Courses
- Exercise Science / Sports Medicine

## Health Sciences & Human Services

### Service Learning

- Student Council
- Ambassadors
- Leadership
- Current World Affairs
- Service Learning
- Lit & Comp for Soc. Action
- International Business
- Management
- Capstone Project

## Agriculture

- Agriculture, Food, & Natural Resources A & B
- Agricultural Science A & B

## Natural Resources

- 21st Century Science Lab
- Natural Resources
- Engineering Systems – Woods/Metals (1,2,3)
- AP Environmental Science
- IB Environmental Systems and Societies SL
- World Geography & History
- GPS/GIS Systems

## Plant & Animal Sciences

- Plant Sciences / Animal Sciences
- Chemistry / IB & AP Chemistry
- Organic and Biochemistry

## Agriculture & Natural Resources

## IB Middle Years Program Framework and Skills At Poudre High School

The 9<sup>th</sup>/10<sup>th</sup> Grade PHS MYP provides foundational ATL skills, Conceptual Learning and Academic Content Knowledge for all career pathways emphasizing holistic learning, strong communication and intercultural awareness.

~ APPROACHES TO LEARNING SKILLS ~

- Social • Communication • Thinking • Self-Management • Research

## International Baccalaureate

### IB Diploma

- Full IB Diploma Academic Load (6 subject areas)
- IB Theory of Knowledge
- Community, Activities & Service (CAS)
- Extended Essay

### IB MYP Certificate Program

- Full MYP/Honors Academic Load (7 of 8 Subj.)
- Community Service Requirement
- MYP Personal Project

All MYP Certificate Students will choose an emphasis in one of the 5 PHS Pathways/Academies.

## Visual Arts

- Foundations of Art
- Intro to Creative Applications
- Advanced Creative Applications
- Drawing / Painting / Pottery / Sculpture / Jewelry
- Videography / Photo / Creative Photo / Adv. Photo

## Performing Arts

- Orchestra / Wind Ensemble / Select Ensemble / Jazz
- Select Choir / Select Women's Choir
- Theatre / Theatre Practicum
- Advanced Acting & Production

## Digital Media & Production Arts

- Digital Design / Advanced Digital Design
- TV Productions / Kaleidoscope / Yearbook / Print Making

- Engineering & Drafting
- Geometry in Construction / Construction Systems

## Humanities

- Speech
- Creative Writing
- Forensics (Speech and Debate)
- Writing for Literary Publications: Kaleidoscope
- Composition
- 20<sup>th</sup> Century American Literature
- Classical Humanities
- World Humanities: Asia
- World Humanities: Africa and Americans

## Arts & Humanities

## Engineering & Design

### Manufacturing & Ind. Design

- Intro to Creative Applications
- Architecture
- Engineering Drafting I
- 3D Modeling- Eng. Drafting II

### Robotics

- Select Mathematics Courses
- Physics / IB & Calc-based Physics
- Chemistry / AP-IB Chemistry
- 21st Century Science Lab
- Robotics 1 & 2
- Electronics 1

### Architecture & Construction

- Eng. Systems - Woods (1, 2, 3)
- Eng. Systems - Metals (1, 2, 3)
- Construction Systems
- Geometry in Construction
- Clean Energy Manufacturing
- Aerospace Engineering
- GPS/GIS Systems
- Capstone Project



# WHAT IS THE AGRICULTURAL AND NATURAL RESOURCES PATHWAY?



The mission of Poudre's Agriculture Education Pathway is to expose students to the ever-growing agriculture industry. Utilizing **hands-on, project-based curriculum**, students have the opportunity to learn about agriculture in a variety of contexts including **animal sciences, plant sciences, natural resources, and agricultural mechanics**. Students will gain a **strong foundation in STEM** skills such as inquiry, collaboration, and innovation to better prepare them to be productive citizens of the 21<sup>st</sup> Century.

# COURSE OFFERINGS: AGRICULTURAL AND NATURAL RESOURCES PATHWAY

## Agriculture

- Agriculture, Food and Natural Resources A&B
- Agricultural Science A&B
- 21<sup>st</sup> Century Science Lab

## Natural Resources

- Natural Resources
- Engineering Systems (Woods/Metals 1,2,3)
- AP Environmental Science

- IB Environmental Systems and Societies SL
- World Geography and History
- GPS/GIS Systems

## Plant & Animal Sciences

- Plant Sciences/Animal Sciences
- Chemistry/IB & AP Chemistry
- Organic and Biochemistry



# THE AGRICULTURAL AND NATURAL RESOURCES PATHWAY

## In-Demand Jobs in Colorado + Median Wages

1. Farmworkers: Farm, Ranch, and Aquaculture  
\$18,000 - \$28,000

2. Agricultural Equipment Operators  
\$50,743-\$70,387

3. Landscaping and Grounds Keeper  
\$29,074-\$40,317

4. Supervisors for Farming, Fishing and Forestry  
\$53,722-\$78,023

5. Non-farm Animal Caretakers  
\$17,180 - \$32,310



### Other Pathway Careers

- Soil and plant scientist
- Agricultural equipment operator
- Farm and Ranch Manager
- Farm worker and Laborer
- Aquaculture Manager
- Forester
- Fish and Game Specialist
- Conservation Scientist
- Natural Resource Educator
- Environmental Economist
- Geographer
- Wind Energy Engineer
- Water Resource Specialist

# PHS OPPORTUNITIES: AGRICULTURAL AND NATURAL RESOURCES PATHWAY

FFA – Student Leadership Organization

SAE – Supervised Agricultural Experiences

**College Pathways Programs at FRCC in:**

Animal Technology and Research

Welding and Metal Fabrication and Wildlife

Forestry and Natural Resources

Architecture, Landscape, and Interior Design

Greenhouse Capstone Project



## **A Glimpse at Local Colleges**

**CSU** – Veterinary Science, Agriculture and Natural Resources

**Aims CC** – Agricultural Science

**FRCC** – Natural Resources

## IS THE AGRICULTURAL AND NATURAL RESOURCES PATHWAY A GOOD FIT FOR ME?

AGRICULTURAL AND NATURAL RESOURCES PATHWAY STUDENTS ARE STUDENTS WHO:

Have skills in **motivating, developing, and directing people**

Are good at **judging** situations and **making decisions** to accomplish goals

Are able to **figure out** how things work

Are able to **solve complex problems**

Are **passionate** about nature, animals, the outdoors and the environment





# WHAT IS THE ENTREPRENEURSHIP PATHWAY?



The mission of Poudre's Entrepreneurship Pathway is to prepare students with 21st century skills-- such as **innovation, management, collaboration, and risk-taking**-- within a framework of **hands-on courses and on-the-job experiences**. The Entrepreneurship Pathway includes several lenses such as **hospitality, business, marketing, computer technology, fashion and design**. The pathway also provides opportunities to earn certifications and college credit from more advanced coursework.

# COURSE OFFERINGS: THE ENTREPRENEURSHIP PATHWAY

## **Business & Marketing**

- Finance / Financial Life Management
- Economics / Business Economics / AP Economics
- Sports and Entertainment Marketing
- Business Law
- International Business
- Accounting 1 & 2
- Business Leadership
- Marketing
- Entrepreneurship
- Advanced Marketing
- Marketing Leadership
- PaCE 1 & 2 / Buddies
- ACE Career Skills / Financial Literacy / Economics
- ACE Internship & Work Experience

## **Computer Technology**

- Web Design 1 & 2
- Game design 1 & 2 / Mobile Apps
- Intro to Computer Science / AP Computer Science

## **Culinary Arts**

- Gourmet Foods / Catering
- Advanced Gourmet / Catering II
- Leadership Capstone



# THE ENTREPRENEURSHIP PATHWAY

## In-Demand Jobs in Colorado + Median Wages

1. Retail Sales Representatives  
\$36,725 - \$51,041

2. Marketing Specialists  
\$38,090 - \$82,802

3. Lawyers  
\$76,124 - \$100,663

4. Bookkeepers and Accountants  
\$74,023 - \$88,824

5. Managers and Supervisors  
\$43,961 - \$78,827



### Other Pathway Careers

- Business Educator
- Market Research Analysis
- Sales Agent
- Lawyer
- Business Intelligence Analyst
- Treasurers and Controllers
- Tax Examiner
- Real Estate Broker
- Industrial Production Manager

## PHS OPPORTUNITIES: ENTREPRENEURSHIP PATHWAY

Future Business Leaders of America  
(FBLA) and DECA (Marketing) Club

PHS Food Truck

Hour of Code Volunteer Experience

Mock Trial Team

**FRCC Pathways Programs in:**

Computer Careers Exploration and  
Culinary Arts



**A Glimpse at Local Colleges**

**CSU** – College of Business

**Aims CC and FRCC** – AAS Degree Programs

**UNC** – Monfort College of Business

**University of Colorado** – Boulder, Denver, UCCS

# IS THE ENTREPRENEURSHIP PATHWAY A GOOD FIT FOR ME?

ENTREPRENEURSHIP PATHWAY STUDENTS ARE STUDENTS WHO:

Have **tenacity** or just old-fashioned stick-to-it-iveness.

Have **vision** and can spot an opportunity and **imagine something** where others haven't.

Have **resilience** and the ability to **get up and dust themselves off**

Are **flexible** and able to adapt to **changes and challenges**

Are **passionate** about their work and are always **working towards improvement**



# WHAT IS THE HEALTH SCIENCES AND HUMAN SERVICES PATHWAY?



The mission of Poudre's Health and Human Services Pathway is to develop students' **ethic of service and leadership skills**. Students have the opportunity to focus on their area of interest, whether it be **education, health, or other service-related field** in order to learn **social responsibility and civic awareness** with the ultimate goal of impacting positive change in their world. This pathway utilizes hands-on, project-based curriculum in which all students have the opportunity to learn and become responsible, productive citizens of the 21<sup>st</sup> Century.



# COURSE OFFERINGS: HEALTH SERVICES AND HUMAN SCIENCE PATHWAY

## Education

- Teen Choices
- Sociology / Sociology of Relationships
- Psychology 1 & 2 / AP-IB Psychology
- Early Childhood Education
- Service Learning  
(Elementary Partnerships)
- Teacher Cadet

## Health Sciences

- 21st Century Science Lab
- Biology / Chem. / IB & AP Chem.
- Org. Chemistry and Biochemistry
- Anatomy & Phys. / Microbiology
- Cell Biology / Genetics
- Select Health and Wellness Courses
- Exercise Science / Sports Medicine

## Service Learning

*Student completion of these courses will earn a Certificate of Meritorious Service*

- Current World Affairs
- Service Learning
- Lit & Comp for Social Action
- International Business
- Management
- Service Learning Capstone Project

## Leadership

- Student Council
- Ambassadors
- Leadership (Class Councils)



# THE HEALTH SCIENCES AND HUMAN SERVICES PATHWAY

## In-Demand Jobs in Colorado + Median Wages

1. Registered Nurses  
\$45,790- \$76,125

2. Home Health Aids  
\$22,101 - \$30,297

3. Medical Assistants  
\$30,806-\$36,067

4. Dental Assistants  
\$27,411 - \$42,658

5. Physical Therapists  
\$73,574 - \$86,643



### Other Pathway Careers

- Non-Profit Management
- Community Organizer
- Community Health Worker
- Epidemiologist
- Medical Record and Health Information Technician
- Mental Health Counselor
- Human Resource Specialist
- Phlebotomist
- Dietician and Nutritionist
- School Counselor
- Social Worker
- Firefighter
- Early Childhood Teacher



## PHS OPPORTUNITIES: HEALTH SCIENCES AND HUMAN SERVICES PATHWAY

Service Learning, Leadership Classes

Sports Medicine Class with CPR  
Certification

**FRCC Career Pathways Programs in:**

Criminal Justice Careers Exploration

Holistic Health

Medical Careers Exploration



**A Glimpse at Local Colleges**

**CSU** – College of Health and Human Sciences

**Aims CC and FRCC** – AAS Degree Programs (Nursing,  
Dietician, Dental Hygiene)

**UNC** – Health Science, Education

**University of Colorado** – Anschutz Medical Campus

# IS THE HEALTH SCIENCE AND HUMAN SERVICES PATHWAY A GOOD FIT FOR ME?

HEALTH SCIENCE AND HUMAN SERVICES PATHWAY STUDENTS ARE STUDENTS WHO:

Have excellent **communication** skills

Are able to have **empathy** for people who are struggling

Are good at **problem solving** and can **think quickly** and address problems

Have a lot of **courage** and **personal resilience**

Are skilled at **organization** or “**keeping their ducks in a row**”



# WHAT IS THE ARTS AND HUMANITIES PATHWAY?



The mission of Poudre’s Arts and Humanities Pathway is to provide students a combination of rigorous academic courses with real-world, experiential projects that tap into students’ **creativity, inquiry, and critical thinking skills**. Students may choose a path of study in the **visual arts, performing arts or humanities**—each of which provides opportunities to put **theory into action** and exposes students to the arts-related vocations and higher education programs available to students beyond high school.

## COURSE OFFERINGS: ARTS AND HUMANITIES PATHWAY



### Visual Arts

- Foundations of Art
- Intro to Creative Applications
- Advanced Creative Applications
- Drawing / Painting / Pottery / Sculpture / Jewelry
- Videography / Photo / Creative Photo / Adv. Photo

### Performing Arts

- Orchestra / Wind Ensemble / Select Ensemble / Jazz
- Select Choir / Select Women's Choir
- Theatre / Theatre Practicum
- Advanced Acting & Production

### Digital Media & Production Arts

- Digital Design / Advanced Digital Design
- TV Productions / Kaleidoscope / Yearbook /Print Making

- Media Analysis & Comp
- Interior Design / Fashion Design
- Engineering & Drafting
- Geometry in Construction / Construction Systems

### Humanities

- Speech
- Creative Writing
- Forensics (Speech and Debate)
- Writing for Literary Publications: Kaleidoscope
- Composition
- 20<sup>th</sup> Century American Literature
- Classical Humanities
- World Humanities: Asia
- World Humanities: Africa and Americans



# THE ARTS AND HUMANITIES PATHWAY

## In-Demand Jobs in Colorado + Median Wages

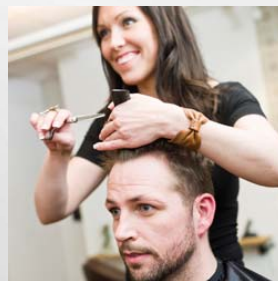
1. Social Media Manager \$45,260 - \$61,649

2. Photojournalists \$45,000 - \$61,200

3. Trained Food Worker (Sous Chef) \$35,488-\$54,542

4. Hairdressers, Hairstylists, and Cosmetologists \$17,888 - \$31,753

5. Graphic Designers \$52,000 - 74,800



## Other Pathway Careers

- Art, Drama, and Music Teachers
- Museum Technicians and Conservators
- Recreation Worker
- Photographer
- Advertising and Promotions Manager
- Hairdresser, Hairstylist, and Cosmetologist
- Glass Blower
- Stonemasons
- Interpreter and Translator
- Author or Illustrator
- Multimedia Artists and Animators
- Sports Journalism

# PHS OPPORTUNITIES: ARTS AND HUMANITIES PATHWAY

Theater, Drama Club and  
Thespians

Kaleidoscope School  
Literary Magazine

PHS News – Weekly News  
Broadcast

Technical Theater  
Certification

Yearbook, Pep Band,  
Advanced Bands,  
Orchestras and Choirs

**FRCC Pathways Programs**  
in: Culinary Arts

## A Glimpse at Local Colleges

**CSU** – Arts, Humanities and Design

**Aims CC and FRCC** –Coursework designed to transfer to a 4-year program

**UNC** – College of Humanities, College of Performing and Visual Arts

**University of Colorado** – College of Media, Communication and Information

Local Cosmetology Programs at Cheeks, Regency and Hair Dynamics



# IS THE ARTS AND HUMANITIES PATHWAY A GOOD FIT FOR ME?

ARTS AND HUMANITIES PATHWAY STUDENTS ARE STUDENTS WHO:

Are creative

Are passionate about impacting the world around them

Are self-motivated and goal oriented

Have skills in **communication** and **advocating** for what they are passionate about

Are **resilient**, able to **overcome challenges**, and have a **strong work ethic**



# WHAT IS THE ENGINEERING AND DESIGN PATHWAY?



The mission of Poudre's Engineering and Design Pathway is to advance students' ability to **innovate, think critically, and collaborate to solve problems**. This pathway combines rigorous academic core content with demanding technical education and real world experiences. Courses provide students the **opportunity to apply STEM knowledge, skills, and habits of mind** to make the world a better place through innovation.



## COURSE OFFERINGS: ENGINEERING AND DESIGN PATHWAY



### **Manufacturing & Ind. Design**

- Intro to Creative Applications
- Architecture
- Engineering Drafting I
- 3D Modeling- Eng. Drafting II

### **Robotics**

- Select Mathematics Courses
- Physics / IB & Calc-based Physics
- Chemistry / AP-IB Chemistry
- 21st Century Science Lab
- Robotics 1 & 2
- Electronics 1

### **Architecture & Construction**

- Eng. Systems - Woods (1, 2, 3)
- Eng. Systems - Metals (1, 2, 3)
- Construction Systems
- Geometry in Construction
- Clean Energy Manufacturing
- Aerospace Engineering
- GPS/GIS Systems
- Capstone Project

# THE ENGINEERING AND DESIGN PATHWAY

## In-Demand Jobs in Colorado + Median Wages

1. Manufacturing \$66,017 - \$80,253

2. Electrical Powerline Installers \$46,412-\$69,412

3. Wind Turbine Technician \$36,725-\$71,041

4. Power Plant Operator \$50,820 - \$90,870

5. Welders \$50,780 - \$185,000



### Other Pathway Careers

- Energy Engineer
- Aerospace Engineer
- Surveyor
- Robotics Technician
- Video Game Designer
- Drafter
- Software Developer
- Automotive Engineer
- Product Design
- Construction/Carpentry
- Machinists

# PHS OPPORTUNITIES: ENGINEERING AND DESIGN PATHWAY

Geometry and Construction  
Habitat Build Project

Alpine 159 Robotics Team

**FRCC Pathways Programs in:**  
Architectural, Landscape, and  
Interior Design

Automotive Technology &  
Service

Practical Mechanics and Welding  
& Metal Fabrication



## A Glimpse at Local Colleges

**CSU** – College of Engineering

**Aims CC and FRCC** –Coursework designed to  
transfer to a 4-year program and Certificate  
Programs

**Colorado School of Mines** – Engineering and  
Applied Sciences

**University of Colorado** – College of Engineering

# IS THE ENGINEERING AND DESIGN PATHWAY A GOOD FIT FOR ME?

ENGINEERING AND DESIGN PATHWAY STUDENTS ARE STUDENTS WHO:

Are able to **modify** and **adjust accordingly** to an environment or situation

Are **passionate** about **investigating** and **figuring out how** things work

Are naturally **curious** and **inquisitive**

Are good at **active listening** and **acquiring new information** to solve problems

Are skilled at **troubleshooting** and being **creative**



# WHAT IS THE INTERNATIONAL BACCALAUREATE PATHWAY?



The International Baccalaureate Program aims to develop **inquiring, knowledgeable and caring** young people who help to **create a better and more peaceful world** through intercultural **understanding and respect**.

To this end the International Baccalaureate Organization works with schools, governments, and international organizations to develop challenging programs of international education and rigorous assessment.

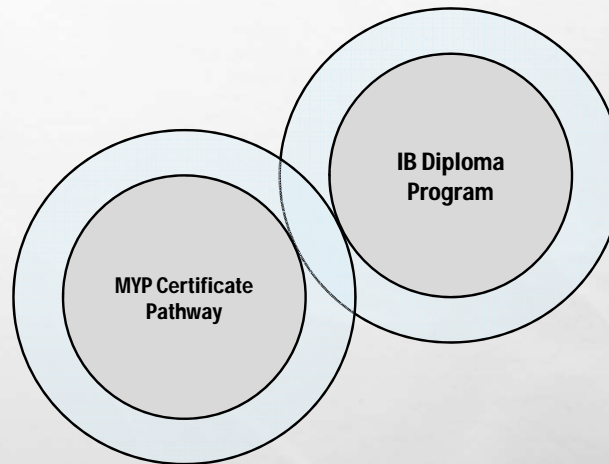
These programs encourage students across the world to become **active, compassionate and lifelong learners** who understand that other people, with their differences, can also be right.

**MYP Certificate Requirements –**

- Full MYP/Honors Academic Schedule (minimum 7 Subject Areas)
  - Honors MYP English 9
  - Spanish, French, German
  - Honors MYP World Geography & History 1
  - MYP 21<sup>st</sup> century science or MYP biology
  - Mathematics
  - MYP PE 1
  - MYP Arts (Visual, Performing, Theatre)
  - MYP Design/Technology (Business, Engineering, GIS)
- Community Service Requirement
- MYP Personal Project (*completed in 10<sup>th</sup> grade*)

***IB MYP Certificate students may choose an emphasis in one of the PHS Pathways.***

Completing the MYP certificate prepares students for the option to participate in the IB diploma program, AP, or concurrent enrollment courses for the 11<sup>th</sup> & 12<sup>th</sup> grades.



**International Baccalaureate Program**

# EXCITING OPPORTUNITIES IN THE INTERNATIONAL BACCALAUREATE PATHWAY

Community Service

IB Engage Mentoring

MYP Personal Project

Gateway to IB Diploma Program  
in 11<sup>th</sup> and 12<sup>th</sup> Grade

Students can earn a minimum of  
24 college credits in Colorado



# IS THE INTERNATIONAL BACCALAUREATE PATHWAY A GOOD FIT FOR ME?

INTERNATIONAL BACCALAUREATE PATHWAY STUDENTS ARE STUDENTS WHO:

Are passionate about creating a more **peaceful world** through **intercultural study**

Are **caring** and see things through a **global lens**

Are **naturally inquisitive** and seek to create **personal meaning**

Are interested in completing the **IB Diploma Program**

Have a good sense of **balance** and are **principled**





PHS Pathways	PHS Courses	Potential Career Interests	Potential Student Strengths
<b>Entrepreneurship</b>	<ul style="list-style-type: none"> <li>• Business and Marketing</li> <li>• Computer Technology</li> <li>• Culinary Arts</li> </ul>	<ul style="list-style-type: none"> <li>• Lawyer</li> <li>• Accountant</li> <li>• Marketing</li> <li>• Sales</li> </ul>	<ul style="list-style-type: none"> <li>• Tenacity</li> <li>• Flexibility</li> <li>• Vision</li> <li>• Passion</li> </ul>
<b>Agriculture and Natural Resources</b>	<ul style="list-style-type: none"> <li>• Agriculture</li> <li>• Natural Resources</li> <li>• Plant and Animal Sciences</li> </ul>	<ul style="list-style-type: none"> <li>• Farmer or Rancher</li> <li>• Forester</li> <li>• Geographer</li> <li>• Wind Energy Engineer</li> </ul>	<ul style="list-style-type: none"> <li>• Decision making</li> <li>• Problem Solving</li> <li>• Enthusiastic about the outdoors or environment</li> </ul>
<b>Arts and Humanities</b>	<ul style="list-style-type: none"> <li>• Visual Arts</li> <li>• Performing Arts</li> <li>• Media and Production Arts</li> <li>• Humanities</li> </ul>	<ul style="list-style-type: none"> <li>• Social Media Manager</li> <li>• Hairstylist</li> <li>• Photographer</li> <li>• Journalist</li> </ul>	<ul style="list-style-type: none"> <li>• Creative</li> <li>• Communication</li> <li>• Self-motivated</li> <li>• Goal Oriented</li> </ul>
<b>Health Sciences and Human Services</b>	<ul style="list-style-type: none"> <li>• Education</li> <li>• Health Sciences</li> <li>• Service Learning</li> </ul>	<ul style="list-style-type: none"> <li>• Registered Nurse</li> <li>• Teacher</li> <li>• Counselor</li> <li>• Non-Profit Management</li> </ul>	<ul style="list-style-type: none"> <li>• Courageous</li> <li>• Organized</li> <li>• Driven</li> <li>• Empathetic</li> </ul>
<b>Engineering and Design</b>	<ul style="list-style-type: none"> <li>• Manufacturing and industrial design</li> <li>• Robotics</li> <li>• Architecture and Construction</li> </ul>	<ul style="list-style-type: none"> <li>• Welder</li> <li>• Engineer</li> <li>• Wind Turbine Technician</li> <li>• Robotics Technician</li> </ul>	<ul style="list-style-type: none"> <li>• Adaptable</li> <li>• Problem Solving</li> <li>• Investigative</li> <li>• Curious</li> </ul>
<b>International Baccalaureate</b>	<ul style="list-style-type: none"> <li>• MYP and Diploma Program Coursework</li> </ul>	<ul style="list-style-type: none"> <li>• Comprehensive curriculum allows for exploration in all areas</li> </ul>	<ul style="list-style-type: none"> <li>• Global lens</li> <li>• Inquisitive</li> <li>• Balanced</li> <li>• Principled</li> </ul>

# CHOOSING YOUR CLASSES!

2016 - 2017





First teaching from September 2014

# THE IB MYP CURRICULUM MODEL



IB learner profile

## WHAT DOES CURRICULUM LOOK LIKE IN MYP?

THERE ARE 3 DIMENSIONS TO THE MYP CURRICULUM:

*CONTENT, CONCEPTS & SKILLS*

THIS THREE-DIMENSIONAL CURRICULUM MODEL VALUES STUDENT INQUIRY AND CONSTRUCTIVIST LEARNING TO CREATE PERSONAL MEANING WHERE STUDENTS CAN MAKE CONNECTIONS AND APPLY THEIR LEARNING IN UNFAMILIAR SITUATIONS.

# 9<sup>TH</sup> GRADE PATHWAYS SCHEDULE

Course	Number of Credits
MYP English	10
MYP World Studies	10
MYP Science	10
MYP Math	10
MYP Freshman Seminar	10
World Language (Optional)	10
Physical Education 1	5
Pathway Technical Core Course	5-15

## MYP FRESHMAN SEMINAR

Required for all 9<sup>th</sup> Grade students and focused on supporting students in their transition and preparing them for any PHS Pathway. This course combines the best that AVID offers, peer mentoring through the PHS Ambassadors and further development of Individual Career and Academic Plans (ICAP). Students have the opportunity for continued support through Advisory courses in 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> Grade. Advisory supports success in college-credit bearing courses (AP, IB and Concurrent Enrollment).



# LANGUAGE ARTS

9<sup>th</sup> grade (choose one)

MYP English 9  
Honors MYP English 9

10<sup>th</sup> grade (choose one)

MYP English 10  
Honors MYP English 10

Language Arts Electives:  
See course request sheet

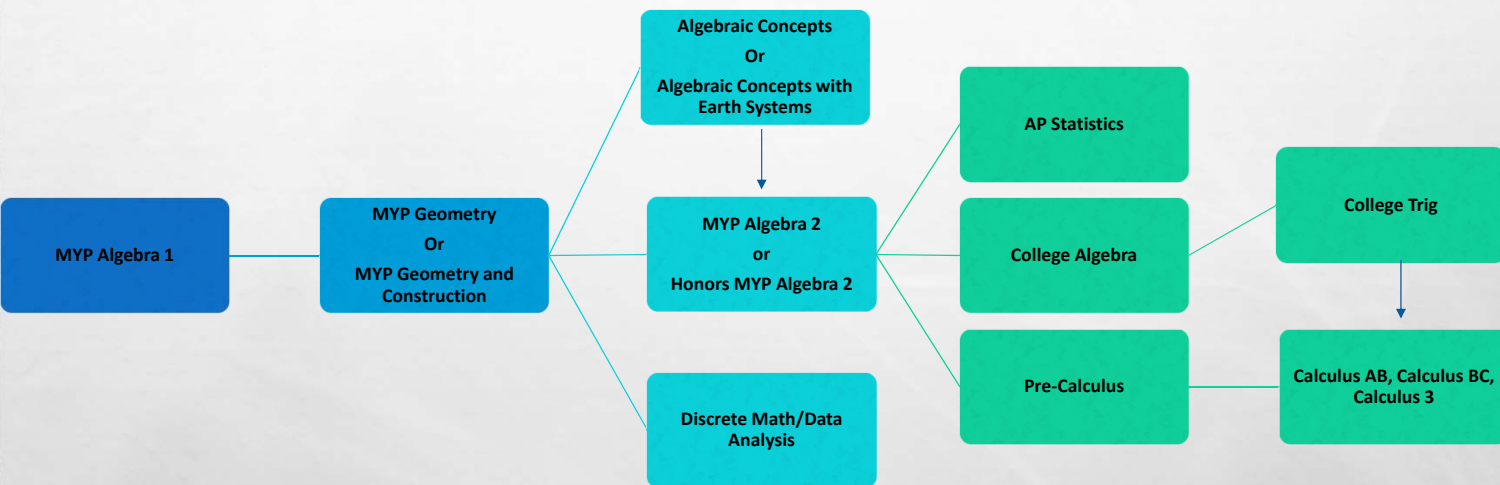
11<sup>th</sup> grade (choose one)

US Lit  
AP Language & Composition  
Intro to Lit/Advanced Composition  
(See course request sheet for other options)

12<sup>th</sup> grade (choose one)

British Literature  
Modern Literary Perspectives  
AP Composition & Literature  
Intro to Lit/Advanced Composition  
(See course request sheet for other options)

# MATH





# SOCIAL STUDIES

- MYP World History/Geography 1  
or  
Honors MYP World  
History/Geography 1

9th  
Grade

10th  
Grade

- MYP World History/Geography2  
Or  
•Honors MYP World His/Geo2 Or  
•AP Human Geography

11th  
Grade

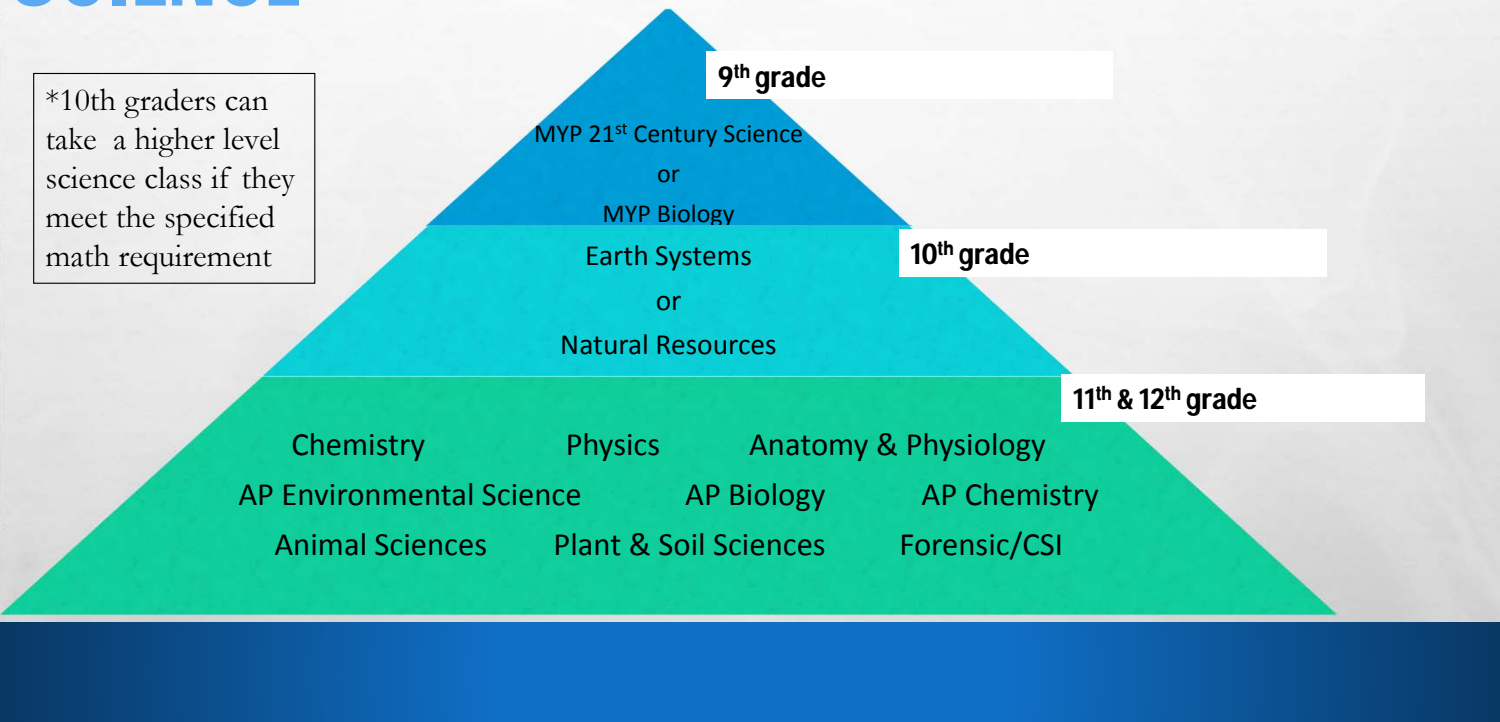
12th  
grade

- US History  
Or  
AP US History

- American Government  
Or  
AP US Government

# SCIENCE

\*10th graders can take a higher level science class if they meet the specified math requirement



# WELLNESS

- PE 1
  - Prerequisite for all other PE classes -**All 9<sup>th</sup> Graders take PE 1**
- PE Courses
  - Aerobics, Dance, Weight Training, Team & Individual Sports, Adventure PE, Foods, Nutrition & Wellness, etc.
- Health
  - MYP Health & Wellness or Teen Choices
- PE waivers
  - 2.5 each sport/activity (not season)
  - Max of 5 credits total
  - See Mrs. Christensen with questions

# WORLD LANGUAGE/CULTURE

- The world culture graduation requirement at Poudre can be fulfilled by:
  - MYP World Geography/History 1 & 2
- World Languages at Poudre
  - French
  - German
  - Spanish
  - Most colleges require 2-3 years of the same language
  - Ask your current world language teacher about what class you should take next year

# OTHER REQUIREMENTS

## Finance (choose 1)

- Financial Life Management
- Finance

## Economics (choose 1)

- MYP Business Economics
- Economics
- AP Economics

## Humanities (choose 1)

- Classical
- World: Africa/Americas
- World: Asia

## Fine & Applied Arts (choose 2)

- All art
- All music & theatre
- Some courses in: Family & Consumer Sciences, Business, and Technology

# TECHNICAL CORE (OTHER 65 CREDITS)

- Technical Core should be chosen based off your Pathway and might include coursework in:
  - Art
  - Business
  - World Language
  - Technology/computer science
  - Music
  - Family & Consumer Sciences
  - Capstone
  - PaCE Program – Credit for working

# CURRICULUM GUIDE

Poudre High School



Curriculum Guide  
2016-2017



*Home of the Impalas*

[PHS Curriculum Guide](#)

## HOW TO USE THIS GUIDE

### Part II: Technical Core

A Technical Core is a key component of each pathway. Academic course content is coordinated with and reinforces technical course content and vice versa. This coordination helps students gain a greater depth of knowledge by seeing the connection between academic theories and real-world applications.

### Part III: Academic Core & Electives

The Academic core includes the Language Arts, Math, Science, History and Foreign Language courses that prepare students to transition to their postsecondary lives, whether it be higher education or career. Elective courses complement the Academic and Technical Core courses and are required for graduation.

### Part IV: Graduation Requirements

The last part of this guide gives you an overview of all the subject areas needed to graduate and the corresponding credits within each area. By design each pathway includes all necessary courses to meet his/her graduation requirements and ensures access to higher education.



### Part I: The Big Picture

Students learn best when they have an interest in the subject and can see connections among other disciplines. This contextual understanding, interdisciplinary learning, and identifying of key concepts is the basis of MYP, the pedagogy by which all Poudre students are taught. When a student enters PHS as a 9th grader, we want to provide direction to his/her 4 year journey based on the student's interest. Thus, we ask students to choose a pathway of interest to guide their learning. Choosing a pathway is not the same as choosing a career path. Rather, each pathway adopts an industry-theme to offer students a real-world context for better understanding the academic and technical foundation they will need to succeed in whatever postsecondary option they choose. Within this pathway are students with similar interests that can share in their learning as a member of the pathway cohort. The Pathway model transforms a students' high school experience by bringing together strong academics, demanding technical education, and real world experience that helps students gain an advantage in their postsecondary lives.



# CONCURRENT ENROLLMENT

- What is concurrent enrollment?
  - The opportunity to take college level classes in high school and earn college credit
- PHS offers 4 different ways to take concurrent enrollment classes
  - High School Select
  - Campus select
  - Career Pathways
  - ASCENT

# HIGH SCHOOL SELECT

- Classes offered at Poudre High School for college credit
- Some classes offered include:
  - Finance, Government, Advanced Gourmet Foods, Chemistry, Intro to Lit/Advanced comp
  - Please see the PHS curriculum guide for a complete list of courses offered
- It is important this semester to:
  - Apply to front range at [www.frontrange.edu](http://www.frontrange.edu)
  - Say yes to complete the COF
  - Return the necessary paperwork to your counselor or Mrs. Klamm in the College & Career Center

# CAREER PATHWAYS

- Offered for juniors and seniors who are interested in a specific area of study
- Half day programs at FRCC (high school and college credit available)
- Transportation provided to and from PHS
- It is important this semester to:
  - Apply to Front Range at [www.frontrange.edu](http://www.frontrange.edu)
  - Say yes to complete the COF
  - Return the necessary paperwork to your counselor or Mrs. Klamm in the College & Career Center no later than February 28th

- Animal Technology and Research
- Architectural, Landscape, and Interior Design
- Automotive Technology and Service
- Computer Careers Exploration with Computer Networking Certification
- Criminal Justice Careers Exploration
- Culinary Arts
- Holistic Health with Yoga Teacher Training
- Medical Careers Exploration
- Practical Mechanics
- Welding and Metal Fabrication
- Wildlife, Forestry, and Natural Resources

# CAMPUS SELECT

- Classes offered at the FRCC campus
- Usually for juniors and seniors
- Students are responsible for their own transportation
- Students may select any course offered at FRCC as long as it is part of their ICAP
- FRCC fall 2016 catalog opens late march
- It is important this semester to:
  - Apply to Front Range at [www.frontrange.edu](http://www.frontrange.edu)
  - Say yes to complete the COF
  - Return the necessary paperwork to your counselor or Mrs. Klamm in the College & Career Center

# ASCENT

- 5th year program for high school seniors
- Apply spring of senior year in high school
- Complete all coursework necessary for graduation
- Have a 2.0 gpa
- Have earned 12 college credits through concurrent enrollment prior to graduation
- It is important for seniors to:
  - Apply to Front Range at [www.frontrange.edu](http://www.frontrange.edu)
  - Say yes to complete the COF
  - Complete the necessary paperwork to your counselor or Mrs. Klamm in the College & Career Center

# REGISTRATION COLLECTION

- Current 8th must register for at least 70 credits on the course request sheet
- Select 15 credits of alternate courses
- Make sure your course request form is completely filled out and has all needed signatures. **Incomplete forms will not be accepted.**

# REGISTRATION COLLECTION

Counselors will come to your school in approximately 2 weeks to collect your course request forms

<b>Middle School</b>	<b>Date</b>	<b>Middle School</b>	<b>Date</b>
<b>Webber MS</b>	<b>2/29</b>	<b>Wellington MS</b>	<b>3/3</b>
<b>Leshar MS</b>	<b>3/1</b>	<b>CLP MS</b>	<b>3/4</b>
<b>Lincoln MS</b>	<b>3/2</b>	<b>Boltz MS</b>	<b>3/4</b>
<b>St. Joesph's MS</b>	<b>3/2</b>	<b>Kinard MS</b>	<b>3/4</b>
<b>Blevins MS</b>	<b>2/29</b>		