Career Clusters

Through a variety of resources, North Allegheny students explore post high school opportunities and careers. Introducing the elementary career portfolio, utilizing the Career Standards for Career Exploration and Work, exposing students to CHOICES Explorer and Planner, providing an interest inventory in 9th grade and the ACT Aspire Test in grade 10, counselors and teachers guide students through the maze of examining potential career interests. North Allegheny provides a wide variety of content via all curricular areas in order to assist students in identifying potential career interests. As you consider course selections for the upcoming school year, please use this document to assist you with selecting courses that best fit your potential future career interests.

North Allegheny Graduation Requirements:

- 24 Credits Total
- English 4 credits
  (includes culminating project)
- Social Studies 4 credits
  (2 credits if you attend Beadle for 2 years)
- Mathematics 3 credits
  (recommend 4)
- Science (includes Biology) 3 credits
  (recommend 4)
- Physical Education 2 credits
  (.5 credits/quarter)
- Health Education .5 credits
- Electives (Arts & Humanities, other) 6.5 credits
  S.T.E.M. 1 credit
  (Science, Technology, Engineering, Mathematics)
Through a variety of resources, North Allegheny students explore post high school opportunities and careers. Introducing the elementary career portfolio, utilizing the Career Standards for Career Exploration and Work, exposing students to CHOICES Explorer and Planner, providing an interest inventory in 9th grade and the ACT Aspire Test in grade 10, counselors and teachers guide students through the maze of examining potential career interests. North Allegheny provides a wide variety of content via all curricular areas in order to assist students in identifying potential career interests. As you consider course selections for the upcoming school year, please use this document to assist you with selecting courses that best fit your potential future career interests.

North Allegheny Graduation Requirements: 24 Credits Total English 4 credits (includes culminating project) Social Studies 4 credits (3 credits if you attend Beattie for 2 years) Mathematics 3 credits (recommend 4) Science (includes Biology) 3 credits (recommend 4) Physical Education 2 credits (.5 credit/year) Health Education .5 credits Electives (Arts & Humanities, other) 6.5 credits

SCIENCE & TECHNOLOGY CAREERS

S.T.E.M. 1 credit (Science, Technology, Engineering, Mathematics)

TECHNICAL CAREERS

ARTS CAREERS SOCIAL SERVICE CAREERS ADMINISTRATION & SALES CAREERS
CAREER CLUSTERS

Administration & Sales Careers

Persons with such interest might like to persuade, motivate, lead, and direct others - as in business management or sales.

**College Majors**

**Business – 4 Year Programs:**
- Accounting and Related Services
- Agricultural Business
- Business Administration & Management
- Business/Commerce General
- Finance & Financial Management
- Hospitality Administration/Management
- Marketing
- Sales and Marketing Operations

**Business – 2 Year Programs:**
- Accounting and Related Services
- Business Administration & Management
- Business/Commerce General
- Business Operations Support & Services
- Marketing

**Communications – 4 Year Programs:**
- Journalism
- Communications & Media Studies
- Public Relations and Advertising Communication
- Radio, Television & Digital

**Possible Careers/Occupations:**

**Employment-Related Services** – Employee Benefits Manager; Employment Interviewer; Human Resources Manager; Labor Relations Specialist; Training/Education Manager

**Marketing & Sales** – Advertising Manager; Buyer; Insurance Agent; Real Estate Agent; Sales/Marketing Manager; Travel Agent

**Management** – Financial Manager; Foreign Service Officer; General Manager/Executive; Hotel/Hotel Manager; Property/Real Estate Manager

**Regulation & Protection** – Customs Inspector; Detective (Police); FBI Agent; Food & Drug Inspector; Park Ranger; Police Officer

**North Allegheny Elective Course Options:**

**Business:**
- 9-10: Introduction to Business Accounting 1 & 2

**English:**
- 9-10: Leadership 1 & 2, Newspaper, Yearbook, Introduction to Television Production

**Mathematics:**
- Please refer to the District Mathematics Phase Sequence Chart

**Music:**

**Social Studies:**
- 9-10: Economics, 11-12: AP Economics

**Technology Education:**
- 9-12: Beginners Computer Applications, Introduction to Television Production, Advanced Computer Applications, Game Development

**Visual Arts:**
- 9-10: Drawing and Painting 1, 2 & 3
- 11-12: Senior High Drawing and Design Concepts, Senior High Painting and Color Concepts, Photography 1 & 2, Computer Multimedia Arts

**World Languages:**
- 4 year sequence of at least one language
- 10-12: A.W. Beattie Career Center
Persons with such interest might like to persuade, motivate, lead, and direct others – as in business management or sales.

**College Majors**


**North Allegheny Elective Course Options:**

Business: 9-10 Introduction to Business Accounting 1 & 2  
11-12 Accounting 1 & 2 Advertising & Promotion Business Communications Business Management Advanced Marketing Entrepreneurship Honors Advanced Accounting 1 & 2 Honors Finance & Investments Honors International Business Marketing

English: 9-10 Leadership 1 & 2 Newspaper Yearbook Introduction to Television Production

Business – 2 Year Programs: Accounting and Related Services Business Administration & Management Business/Commerce General Business Operations Support & Services Marketing

Communications – 4 Year Programs: Journalism Communications & Media Studies Public Relations and Advertising Communication Radio, Television & Digital

Possible Careers/Occupations: Employment-Related Services – Employee Benefits Manager; Employment Interviewer; Human Resources Manager; Labor Relations Specialist; Training/Education Manager Marketing & Sales – Advertising Manager; Buyer; Insurance Agent; Real Estate Agent; Sales/Marketing Manager; Travel Agent

Management – Financial Manager; Foreign Service Officer; General Manager/Executive; Hotel/Motel Manager; Property/Real Estate Manager Regulation & Protection – Customs Inspector; Detective (Police); FBI Agent; Food & Drug Inspector; Park Ranger; Police Officer

Introduction to Theater Forensics

11-12 Speech Newspaper Yearbook Modern Media Television Production 1, 2 & 3 Advanced Television Production Acting 1 & 2 Honors Argument

Family and Consumer Sciences: 9-10 Adventures in Foods Foods for Today Independent Living

11-12 Beyond High School Foods for You Foods Americana

Mathematics: Please refer to the District Mathematics Phase Sequence Chart


**Social Studies:** 9-10 Economics

11-12 AP Economics

Technology Education: 9-12 Beginners Computer Applications Introduction to Television Production Advanced Computer Applications Game Development

Visual Arts: 9-10 Drawing and Painting 1, 2 & 3

11-12 Senior High Drawing and Design Concepts Senior High Painting and Color Concepts Photography 1 & 2 Computer Multimedia Arts

World Languages: 4 year sequence of at least one language

10-12 A.W. Beattie Career Center
CAREER CLUSTERS

Technical Careers

Persons with such interest may like to use, repair, design tools, equipment, materials, etc.; raise crops or animals for market.

**College Majors**

**Engineering - 4 Year:**  
Chemical Engineering  
Civil Engineering  
Electrical/Communications Engineering  
Industrial Engineering  
Mechanical Engineering

**Engineering - 2 Year:**  
Agriculture and Agricultural Operations  
Automotive Technology

**Medicine & Allied Health - 2 Year:**  
Allied Health Services & Sciences  
Medical Assisting  
Medical Laboratory/Technology  
Nursing

**Computer Science - 4 Year:**  
Computer & Information Sciences  
Management Information Systems

**Computer Science - 2 Year:**  
Computer Programming  
Management Information Systems

**Possible Careers/Occupations:**

- Transport Operation & Related: Aircraft Pilot; Astronaut; Bus Driver; Locomotive Engineer; Ship Captain; Truck Driver
- Agriculture, Forestry & Related: Aquaculture; Farm Manager; Fellow, Nursery/Forestry Technician; Tree Surgeon (Arborist)
- Computer & Information Specialties: Actuary; Archivist/Curator; Computer Programmer; Computer Systems Analyst; Web Site Developer
- Construction & Maintenance: Carpenter; Electrician; Firefighter; Plumber; Security System Installer
- Crafts & Related: Cabinetmaker; Chef/Cook; Jeweler; Tailor/Dressmaker; Winemaker
- Manufacturing & Processing: Printing Press Operator; Sheet Metal Worker; Tool & Die Maker; Water Plant Operator; Welder
- Mechanical & Electrical Specialties: Locksmith; Millwright; Technicians in various fields (for example, Automotive, Avionics, Broadcast, Sound)

**North Allegheny Elective Course Options:**

**Business:**  
11-12 Web Page Design

**Family and Consumer Sciences:**  
9-10 Adventures in Foods  
Foods for Today  
Sewing and Design  
11-12 Foods Americana  
Foods for You  
Fashion Art  
Interior Design

**Mathematics:**  
Personal Finance  
AP Statistics  
Introduction to Probability and Statistics  
AP Computer Science  
Computer Math A&D

**Science:**  
(For Allied Health and Medicine)

- 9-10 Honors Biology
- 11-12 Honors Organic Chemistry  
Honors Anatomy and Physiology  
Academic Human Biology  
AP Biology  
Honors Environmental Science

**Technology Education:**  
(For Computer & Information Specialties)

- 9-10 Inside Your Computer  
Electricity 1 & 2  
TV Production  
11-12 Network Systems

**Visual Arts:**  
9-10 Drawing and Painting 1, 2 & 3

- 11-12 Photography 1 & 2  
Computer Multimedia Arts

**World Languages:**  
4 year sequence of at least one language

- 10-12 A.W. Beattie Career Center

Please refer to District Mathematics Phase Sequence Chart

**Music:**  
9-12 Electronic Music  
Advanced Electronic Music  
Computer Multimedia Arts

**Science:**  
9-10 Honors Chemistry

- 11-12 Academic Concepts of Physics
  - Honors Physics
  - AP Physics 1
  - AP Physics 1 & 2
  - Academic Chemistry
  - Honors Chemistry
  - AP Chemistry

- 11-12 Honors Environmental Science  
Honors Earth Science  
Honors Meteorology

Technology Education:

- 9-10 Inside Your Computer  
Electricity 1 & 2

- 11-12 Network Systems

- 9-10 Drawing and Painting 1, 2 & 3

- 11-12 Photography 1 & 2

- Computer Multimedia Arts

- 11-12 World Languages:  
4 year sequence of at least one language

- 10-12 A.W. Beattie Career Center
Persons with such interest may like to use, repair, design tools, equipment, materials, etc.; raise crops or animals for market.

**College Majors**

Engineering – 4 Year: Chemical Engineering Civil Engineering Electrical/Communications Engineering Industrial Engineering Mechanical Engineering  
Engineering – 2 Year: Agriculture and Agricultural Operations Automotive Technology  
Drafting/Design Technologies Electrical Engineering Technology Mechanical Engineering Technology  
Medicine & Allied Health – 2 Year: Allied Health Services & Sciences Medical Assisting Medical Laboratory/Technology Nursing  
Computer Science – 4 Year: Computer & Information Sciences Management Information Systems  
Computer Science – 2 Year: Computer & Information Sciences Computer Programming Management Information Systems

**North Allegheny Elective Course Options:**

Business: 11-12 Web Page Design  
Family and Consumer Sciences: 9-10 Adventures in Foods Foods for Today Sewing and Design  
11-12 Foods Americana Foods for You Fashion Art Interior Design  

Possible Careers/Occupations: Transport Operation & Related – Aircraft Pilot; Astronaut; Bus Driver; Locomotive Engineer; Ship Captain; Truck Driver Agriculture, Forestry & Related – Aquaculturist; Farm Manager; Forester; Nursery/Greenhouse Manager; Tree Surgeon (Arborist) Computer & Information Specialties – Actuary; Archivist/Curator; Computer Programmer; Computer Systems Analyst; Web Site Developer Construction & Maintenance – Carpenter; Electrician; Firefighter; Plumber; Security System Installer  
Crafts & Related – Cabinetmaker; Chef/Cook; Jeweler; Tailor/ Dressmaker; Winemaker Manufacturing & Processing – Printing Press Operator; Sheet Metal Worker; Tool & Die Maker; Water Plant Operator; Welder Mechanical & Electrical Specialties – Locksmith; Millwright; Technicians in various fields (for example, Automotive, Avionics, Broadcast, Sound)  
Please refer to District Mathematics Phase Sequence Chart  
Music: 9-12 Electronic Music Advanced Electronic Music Computer Multimedia Arts  
Science: 9-10 Honors Chemistry  
11-12 Academic Concepts of Physics Honors Physics AP Physics 1 AP Physics 1 & 2 Academic Chemistry Honors Chemistry AP Chemistry Honors Environmental Science Honors Earth Science Honors Meteorology  
Science: (For Allied Health and Medicine)  
9-10 Honors Biology  
11-12 Honors Organic Chemistry Honors Anatomy and Physiology Academic Human Biology AP Biology Honors Environmental Science  
Technology Education: 9-10 CADD 1 & 2 Manufacturing 1 & 2 Engineering & Design Electricity 1 & 2 Robotics 1 & 2 Engine Service & Car Care  
11-12 CADD 1, 2, 3 & 4 Tech Design & Application Materials  
Technology Education: (For Computer & Information Specialties)
9-10 Inside Your Computer Electricity 1 & 2 TV Production
11-12 Network Systems
Visual Arts: 9-10 Drawing and Painting 1, 2 & 3
11-12 Photography 1 & 2 Computer Multimedia Arts
World Languages: 4 year sequence of at least one language
10-12 A.W. Beattie Career Center
Persons with such interest may like to learn about scientific facts and principles through reading, discussion and research.

### CAREER CLUSTERS

#### Science & Technology Careers

Persons with such interest may like to learn about scientific facts and principles through reading, discussion and research.

#### College Majors

<table>
<thead>
<tr>
<th>Engineering – 4 Year:</th>
<th>Mechanical Engineering Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Engineering</td>
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<tr>
<td>Civil Engineering</td>
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<tr>
<td>Electrical/Communications Engineering</td>
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<tr>
<td>Industrial Engineering</td>
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<tr>
<td>Mechanical Engineering</td>
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<tr>
<td>Nursing</td>
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<tr>
<td><strong>Medicine &amp; Allied Health – 4 Year:</strong></td>
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<tr>
<td>Communication Disorders</td>
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<tr>
<td>Medicine</td>
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<tr>
<td>Nursing</td>
<td></td>
</tr>
<tr>
<td><strong>Medicine &amp; Allied Health – 2 Year:</strong></td>
<td></td>
</tr>
<tr>
<td>Allied Health Services &amp; Sciences</td>
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<tr>
<td>Medical Assisting</td>
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<tr>
<td>Medical Laboratory/Technology</td>
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</tr>
<tr>
<td>Nursing</td>
<td></td>
</tr>
</tbody>
</table>

#### Science & Math – 4 Year:
- Animal Sciences
- Biology
- Plant Sciences
- Chemistry
- Geography and Cartography
- Mathematics and Statistics
- Science Education

#### Science & Math – 2 Year:
- Biological Sciences

### Possible Careers/Occupations:

- Radiographer Technologists in various fields (for example, Medical, Surgical)
- Medical Diagnosis & Treatment – Anesthesiologist; Dentist; Nurse Practitioner; Physical Therapist; Physician; Veterinarian
- Social Science – Anthropologist; Criminologist; Political Scientist; Experimental Psychologist; Sociologist

### North Allegheny Elective Course Options:

#### Family and Consumer Sciences:
- Foods for You
- Foods Americana
- Sports Nutrition
- Interior Design

#### Mathematics:
- AP Statistics
- Introduction to Probability and Statistics
- AP Computer Science
- AP Computer Math A & B
- Please refer to district Mathematics Phase Sequence Chart

#### Music:
- Music Theory I & II
- Choir
- Band

#### Orchestra:
- 11-12 Honors Organic Chemistry
- Honors Anatomy and Physiology
- Academic Human Biology
- AP Biology
- Honors Environmental Science

#### Science:
- 9-10 Honors Chemistry
- 11-12 Academic Concepts of Physics
  - Honors Physics
  - AP Physics 1
  - AP Physics 1 & 2
  - AP Physics C
  - Academic Chemistry
  - Honors Chemistry
  - AP Chemistry
  - Honors Environmental Science
  - Honors Earth Science
  - Honors Meteorology

#### Science: (For Allied Health and Medicine)
- 9-10 Honors Biology
- 11-12 Honors Anatomy and Physiology
- AP Biology
- Honors Earth Science
research.

**College Majors**

**Engineering – 4 Year:**
- Mechanical Engineering
- Chemical Engineering

**Technology**
- Medicine & Allied Health – Electrical/Communications
- 4 Year: Engineering
- Communication Disorders
- Industrial Engineering
- Medicine
- Mechanical Engineering

**Civil Engineering**
- Medicine & Allied Health – Electrical/Communications
- 4 Year: Engineering
- Communication Disorders
- Industrial Engineering
- Medicine
- Mechanical Engineering

**Nursing**
- Engineering – 2 Year:
- Medicine & Allied Health – Agriculture and Agricultural
- 2 Year: Operations
- Allied Health Services & Automotive Technology

**Sciences**
- Drafting/Design Technologies
- Medical Assisting
- Electrical Engineering
- Medical Laboratory/Technology

**North Allegheny Elective Course Options:**
- Family and Consumer Sciences: 9-10
  - Foods for Today
  - Adventures in Foods
  - Introduction to Sports
  - Nutrition
  - 11-12 Foods
  - You
  - Foods
  - Americana
  - Sports Nutrition
  - Interior Design

**Mathematics:**
- AP Statistics
- Introduction to Probability and Statistics
- AP Computer Science
- Computer Math A & B
- Please refer to District Mathematics Phase Sequence Chart

**Music:**
- 9-12 Music Theory I & II
- Choir
- Band

(Continued...) **Science & Math – 4 Year:**
- Animal Sciences
- Biology Plant
- Sciences Chemistry Geography and Cartography
- Mathematics and Statistics Science Education

**Science & Math – 2 Year: Biological Sciences**
- Possible Careers/Occupations: Engineering & Technologies – Architect, Engineers (for example, Civil, Mechanical) & Technicians (for example, Energy, Quality Control) in various fields;
- Production Planner; Surveyor Natural Science & Technologies – Biologist; Food Technologist; Geologist;
- Meteorologist; Physician Medical Technologies – Dietician/Nutritionist; Optician; Pharmacist;
- Radiographer
- Technologies in various fields (for example, Medical, Surgical) Medical Diagnosis & Treatment –
- Anesthesiologist; Dentist; Nurse Practitioner; Physical Therapist; Physician; Veterinarian
- Social Science – Anthropologist; Criminologist; Political Scientist; Experimental Psychologist; Sociologist

**Orchestra:**
- 11-12 Music Theory I & II
- Computer Multimedia Arts
- Honors Music Theory AP Music

**Science:**
- 9-10 Honors Chemistry
- 11-12 Academic Concepts of Physics
- Honors Physics AP Physics 1
- AP Physics 1 & 2
- AP Physics C
- Academic Chemistry
- Honors Chemistry AP Chemistry
- Honors Environmental Science
- Honors Earth Science
- Honors Meteorology
Science: (For Allied Health and Medicine) 9-10 Honors Biology
11-12 Honors Organic Chemistry Honors Anatomy and Physiology Academic Human Biology AP Biology Honors Environmental Science

Science: (For Math and Science) 9-10 Honors Biology Honors Chemistry 11-12 Academic Concepts of Physics Honors Physics AP Physics 1 AP Physics 1 & 2 AP Physics C Academic Chemistry Honors Chemistry Honors Organic Chemistry AP Chemistry Honors Meteorology Honors Anatomy and Physiology AP Biology Honors Earth Science

Social Studies: 9-10 Introduction to Social Sciences 11-12 AP Psychology Psychology Sociology Law and Justice Honors History of East Asia Honors History of Europe Honors American Foreign Policy Multicultural Experience

Technology Education: 9-10 CADD 1 & 2 Manufacturing 1 & 2 Engineering & Design Electricity 1 & 2 Robotics 1 & 2 Engine Service & Car Care 11-12 CADD 1, 2, 3 & 4 Tech Design & Application Materials
**CAREER CLUSTERS**

**Science & Technology Careers (Continued from page 15)**

<table>
<thead>
<tr>
<th>Cluster</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
<td><strong>Technology Education:</strong> (For Math and Science)</td>
<td></td>
</tr>
<tr>
<td>9-12</td>
<td>Engineering &amp; Design</td>
</tr>
<tr>
<td>11-12</td>
<td>Tech Design &amp; Application</td>
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</table>

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<td><strong>Visual Arts:</strong></td>
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</tr>
<tr>
<td>9-10</td>
<td>Drawing and Painting 1, 2 &amp; 3</td>
</tr>
</tbody>
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<tr>
<td>11-12</td>
<td>Senior High Drawing and Design Concepts</td>
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<td>Senior High Painting and Color Concepts</td>
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<tr>
<td>11-12</td>
<td>Photography 1 &amp; 2</td>
</tr>
<tr>
<td>11-12</td>
<td>Computer Multimedia Arts</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Cluster</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>World Languages:</td>
<td>4 year sequence of at least one language</td>
</tr>
<tr>
<td>10-12</td>
<td>A.W. Beattie Career Center</td>
</tr>
</tbody>
</table>

**Arts Careers**

Persons with such interest may like to express thoughts or feelings through painting, writing, designing, music, drama, etc.; go to art museums, concerts, plays, read novels, poetry, etc.

**College Majors**

**Arts – 4 Year Programs:**
- Design and Applied Arts
- Communications & Media Studies
- Drama/Theatre Arts
- English Language and Literature
- Fine and Studio Arts

**Communications – 4 Year Programs:**
- Communications & Media Studies
- Journalism
- Public Relations & Advertising
- Radio, TV & Digital Communication

**Possible Careers/Occupations:**

**Applied Arts (Visual)** – Animator; Fashion Designer; Graphic Artist; Photographer; Set Designer

**Creative & Performing Arts** – Actor; Composer (Music); Dancer; Choreographer; Fashion Model; Musician; Writer/Author

**Applied Arts (Written & Spoken)** – Advertising Copywriter; Columnist; Editor; Interpreter; Librarian; Reporter/Journalist

**North Allegheny Elective Course Options:**

**English:**
- 9-10
  - Newspaper
  - Yearbook
  - Leadership 1 & 2
  - Introduction to Television Production
  - Introduction to Theater

**Forensics:**
- 11-13
  - Newspaper
  - Yearbook
  - Speech
  - Modern Media
  - Television Production 1.2 & 3
  - Advanced Television Production
  - Acting 1 & 2
  - Honors Argument

**Family and Consumer Sciences:**
- 9-10
  - Sewing and Design

**11-12**
- Fashion Arts
- Fashion Merchandising

**Mathematics:**
- Please refer to the District Mathematics Phase Sequence Chart

**Music:**
- 9-10
  - Songwriting I & II
  - Electronic Music
  - Advanced Electronic Music
  - Music Theory I & II
  - Choir
  - Band
  - Orchestra

**11-12**
- Computer Multimedia Arts
- Honors Music Theory
- AP Music
- Honors, Chamber Choir

**Technology Education:**
- 9-10
  - TV Productions
  - Game Development

**Visual Arts:**
- 9-10
  - Drawing and Painting 1, 2, & 3

**11-12**
- Honors Art
- AP Studio Art
- Photography 1 & 2
- Computer Multimedia Arts

**World Languages:**
- 4 year sequence of at least one language

**10-12**
- A.W. Beattie Career Center
Technology Education: (For Math and Science) 9-10 Engineering & Design 11-12 Tech Design & Application

**College Majors**

Arts – 4 Year Programs: Design and Applied Arts Communications & Media Studies Drama/Theatre Arts English Language and Literature Fine and Studio Arts

Electricity 1 & 2

11-12

World Languages: Game Development

Senior High Drawing and Design

**Visual Arts: 9-10**

Concepts Senior High Painting and Color Concepts Drawing and Painting 1, 2 & 3

Photography 1 & 2 Computer Multimedia Arts

4 year sequence of at least one language

10-12 A.W. Beattie Career Center

Persons with such interest may like to express thoughts or feelings through painting, writing, designing, music, drama, etc.; go to art museums, concerts, plays, read novels, poetry, etc.

Foreign Language and Literatures Language Arts Education Music – Music Education

Arts – 2 Year Programs: Design and Applied Arts

Communications – 4 Year Programs: Communications & Media Studies Journalism Public Relations & Advertising Radio, TV & Digital Communication

Possible Careers/Occupations: Applied Arts (Visual) – Animator; Fashion Designer; Graphic Artist (Software); Photographer; Set Designer Creative & Performing Arts – Actor; Composer (Music); Dancer/Choreographer; Fashion Model; Musician; Writer/Author

Applied Arts (Written & Spoken) – Advertising Copywriter; Columnist; Editor; Interpreter; Librarian; Reporter/Journalist

North Allegheny Elective Course Options: English: 9-10 Newspaper Yearbook Leadership 1 & 2 Introduction to Television Production Introduction to Theater Forensics 11-12 Newspaper Yearbook Speech Modern Media Television Production 1,2 & 3 Advanced Television Production Acting 1 & 2 Honors Argument Creative Writing, 1 & 2 (Poetry) Creative Writing, 1 & 2 (Fiction)

**Family and Consumer Sciences: 9-10 Sewing and Design**

11-12 Fashion Arts Fashion Merchandising

Mathematics: Please refer to the District Mathematics Phase Sequence Chart

Music: 9-12 Songwriting I & II Electronic Music Advanced Electronic Music Music Theory I & II Choir Band Orchestra

11-12 Computer Multimedia Arts Honors Music Theory AP Music Honors Chamber Choir Technology Education: 9-10 TV Productions Game Development

Visual Arts: 9-10 Drawing and Painting 1, 2, & 3

11-12 Honors Art AP Studio Art Pottery 1 & 2 Photography 1 & 2 Computer Multimedia Arts Art History
World Languages: 4 year sequence of at least one language
10-12 A.W. Beattie Career Center
CAREER CLUSTERS

Social Services Careers

Persons with such interest may like to help, inform, or serve others through teaching, counseling, human services, work, etc., learn about social issues.

College Majors

Social Sciences – 4 Year:
- Criminology
- Economics
- History
- Political Science/Government
- Psychology
- Sociology

Social Sciences – 2 Year:
- Psychology
- Social Sciences, General

Education – 4 Year:
- Elementary Education
- Health & Physical Education/Fitness
- Kindergarten/Preschool Education
- Mathematics Education
- Secondary Education

Education – 2 Year:
- Teacher Education: Elementary/Secondary

Community Services – 4 Year:
- Criminal Justice/Corrections
- Family and Consumer Science
- Human Development & Family Studies
- Parks, Recreation & Leisure Studies
- Social Work
- Textiles & Clothing

Community Services – 4 Year:
- Criminal Justice/Corrections

Possible Careers/Occupations:

Health Care – Athletic Trainer; Dental Hygienist; Health Services; Administrator; Psychiatric Technician; Recreational Therapist

Education – Athletic Coach; College/University Faculty; Educational Administrator; Teachers in various specialties (for example, Art, Foreign Language, Music)

Community Services – Counselors in various specialties (for example, Mental Health, Rehabilitation); Director (Social Service); Lawyer; Social Worker

Personal Services – Barber; Flight Attendant; Gaming Occupations Worker; Hairstylist/Cosmetologist

North Allegheny Elective Course Options:

Business:
- 11-12
  - Sports and Entertainment Management
  - Career and Personal Success

English:
- 9-10
  - Leadership 1 & 2
  - Forensics
- 11-12
  - Speech
  - Honors Argument

Family and Consumer Sciences:
- 9-10
  - Child Development
  - Independent Living
  - Foods for Today
- 11-12
  - Child Development
  - Beyond High School
  - Foods for You
  - Preschool Practicum

Mathematics:
- AP Statistics
- Introduction to Probability and Statistics
- Please refer to the District Mathematics Phase Sequence Chart

Music:
- 11-12
  - Music Theory I & II
  - Computer Multimedia Arts
  - Honors Music Theory
  - AP Music

Physical Education:
- 9-10
  - Advanced Physical Education
- 11-12
  - Focus on Fitness
  - Lifetime Activities

Social Studies:
- 9-10
  - Introduction to the Social Sciences
  - Economics
- 11-12
  - AP European History
  - AP Economics

AP Psychology
- Psychology
- Sociology
- Economics
- Honors American Foreign Policy
- Honors History of Europe and Russia
- Honors History of East Asia
- Law and Justice
- Multicultural Experience

Visual Arts:
- 9-10
  - Drawing and Painting 1, 2, & 3
- 11-12
  - Senior High Drawing and Design Concepts
  - Senior High Painting and Color Concepts
  - Photography 1 & 2
  - Computer Multimedia Arts

World Languages:
- 4 year sequence of at least one language
- 10-12
  - A.W. Beattie Career Center

CAREER CLUSTERS

Social Services Careers Persons with such interest may like to help, inform, or serve others through teaching,
counseling, human services, work, etc., learn about social issues.

**College Majors**

### Social Sciences – 4 Year:
- Criminology
- Economics
- History
- Political Science/Government
- Psychology
- Sociology

### Social Sciences – 2 Year:
- Psychology
- Social Sciences, General

### Education – 4 Year:
- Elementary Education
- Health & Physical Education/ Fitness
- Kindergarten/Preschool Education

### Mathematics Education
- Secondary Education

### Education – 2 Year:
- Teacher Education: Elementary
- Teacher Education: Secondary

### Community Services – 4 Year:
- Criminal Justice/Corrections
- Family and Consumer Science
- Human Development & Family Studies
- Parks, Recreation & Leisure Studies
- Social Work
- Textiles & Clothing

### Community Services – 2 Year:
- Criminal Justice/Corrections

**Possible Careers/Occupations:**
- Health Care – Athletic Trainer; Dental Hygienist; Health Services; Administrator; Psychiatric Technician; Recreational Therapist Education – Athletic Coach; College/University Faculty; Educational Administrator; Teachers in various specialties (for example, Art, Foreign Language, Music)
- Community Services – Counselors in various specialties (for example, Mental Health, Rehabilitation); Director (Social Service); Lawyer; Social Worker Personal Services – Barber; Flight Attendant; Gaming Occupations Worker; Hairstylist/Cosmetologist

**North Allegheny Elective Course Options:**
- Business: 11-12 Sports and Entertainment Management
- Career and Personal Success
- English: 9-10 Leadership 1 & 2 Forensics
- 11-12 Speech Honors Argument
- Family and Consumer Sciences: 9-10 Child Development
- Independent Living Foods for Today
- 11-12 Child Development Beyond High School
- Foods for You
- Preschool Practicum

**Mathematics:**
- AP Psychology
- AP Statistics
- Psychology Introduction to Probability and Statistics
- Sociology
- Please refer to the District Mathematics
- Economics Phase Sequence Chart
- Honors American Foreign Policy Music:
- Honors History of Europe and Russia
- 11-12

- Honors History of East Asia
- Music Theory I & II
- Law and Justice
- Computer Multimedia Arts
- Multicultural Experience
- Honors Music Theory

**Visual Arts:**
- AP Music

**9-10 Physical Education:**
- Drawing and Painting 1, 2, & 3
11-12 Advanced Physical Education.
Senior High Drawing and Design Concepts 11-12

Senior High Painting and Color Concepts
Focus on Fitness
Photography 1 & 2
Lifetime Activities
Computer Multimedia Arts

Social Studies: 9-10
World Languages: 4 year sequence of at least one language
Introduction to the Social Sciences
10-12
Economics
A.W. Beattie Career Center
11-12 AP European History AP Economics
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