2019-2020 Program of Study

High Point Regional High School
299 Pidgeon Hill Road  Sussex, New Jersey 07461
Board of Education

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Dr. Scott D. Ripley, Superintendent
Seamus Campbell, Director of Curriculum
Jon Tallamy, Principal
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COURSE OFFERINGS  (Click Subject to Navigate Catalog)

AP CAPSTONE

STEM
Mathematics
Science
Business and Information Technology
Technological & Industrial Studies

HUMANITIES
English
Social Studies
Fine Arts
Performing Arts
World Languages

HEALTH AND PHYSICAL EDUCATION

SPECIAL EDUCATION
MISSION STATEMENT
High Point Regional High School, in partnership with staff, family and community, is dedicated to the quest for individual excellence.

By fostering high standards of achievement, we prepare students to become responsible and productive members of a diverse society.

HIGH POINT REGIONAL HIGH SCHOOL CURRICULUM
High Point Regional High School’s curriculum and instruction are aligned to the Common Core State Standards as well as The New Jersey Student Learning Standards. High Point’s curriculum addresses the elimination of discrimination by narrowing the achievement gap, by providing equity in educational programs, and by providing opportunities for students to interact positively with all members of our diverse society. Any course for which there is no access requirement, and which does not have a specific prerequisite should be considered accessible to all students. At High Point, educators differentiate instruction in every course so as to meet the specific and unique needs of all learners.

Each department at High Point Regional High School has a Board of Education approved curriculum. High Point’s faculty collaborates via professional learning communities to continuously map the standards-based curriculum in Understanding by Design format utilizing Rubicon Atlas.

INSTRUCTIONAL TECHNOLOGY
High Point Regional High School is committed to providing students access to the latest and most efficient instructional technology. High Point is regarded as a statewide leader in the adoption and integration of instructional technology, web-based project-based learning, and Web 2.0 formative assessment practices. High Point is a 100% G Suite for Education school. Each student is provided with a Google Apps and Gmail account. High Point is also a Bring Your Own Device (BYOD) campus with state of the art WiFi.
### GRADUATION REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>20</td>
</tr>
<tr>
<td>Math (<em>including Algebra 1, Geometry and one course beyond Geometry</em>)</td>
<td>15</td>
</tr>
<tr>
<td>Social Studies (<em>World History, American Studies 1 &amp; 2</em>)</td>
<td>15</td>
</tr>
<tr>
<td>Science (<em>including Biology and one course in the Physical Sciences</em>)</td>
<td>18</td>
</tr>
<tr>
<td>World Languages</td>
<td>5</td>
</tr>
<tr>
<td>Health / Physical Education (<em>minimum of 3.75 per school year</em>)</td>
<td>15</td>
</tr>
<tr>
<td>Visual &amp; Performing Arts</td>
<td>5</td>
</tr>
<tr>
<td>Technology</td>
<td>5</td>
</tr>
<tr>
<td>STEM (<em>Five additional credits in Science, Technology, Engineering, Math</em>)</td>
<td>5</td>
</tr>
<tr>
<td>Financial Literacy</td>
<td>2.5</td>
</tr>
</tbody>
</table>

*Students must earn a total of 135 credits to graduate, enrolling in at least 35 credits each year."

* Students who have taken Algebra I or Geometry in the 8th grade must still complete 15 credits of mathematics at the high school level.

### Assessment Requirements

**The New Jersey Student Learning Assessments (NJSLA)**

In 2018 New Jersey began to transition away from the PARCC, and announced a new assessment, the NJSLA. These new assessments will reduce both the number of assessments students take, as well as the length of each assessment. For more details, see p.6.
ASSESSMENTS NEEDED FOR GRADUATION

DEMONSTRATION OF PROFICIENCY REQUIREMENT

Since 1977 high school students in New Jersey have been required to demonstrate proficiency in both Mathematics and English Language Arts in order to graduate.

In 2018 New Jersey replaced The Partnership for the Assessment of Readiness for College and Careers (PARCC) with the New Jersey Student Learning Assessments (NJSLA), as the end-of-course assessments which enable students, including students with disabilities, to demonstrate proficiencies in English Language Arts (ELA) and Mathematics as required by state statute for high school graduation. In addition to these end of course assessments, students in classes 2019 and beyond can demonstrate proficiency via a menu of substitute assessments, or by meeting the criteria of the NJDOE Portfolio Appeal.

The transition away from PARCC and toward the new assessment (NJSLA) continues to evolve. As information about these assessments, and the corresponding graduation requirements becomes available, we will be sure to update students and parents.

NJDOE website: http://www.state.nj.us/education/assessment/parents/GradReq.pdf

MENU OF ASSESSMENTS:

**ENGLISH LANGUAGE ARTS (ELA)**

- PARCC ELA Grade 9 >= 750 (Level 4)
- PARCC ELA Grade 10 >= 750 (Level 4)
- PARCC ELA Grade 11 >= 725 (Level 3)
- Prior to 3/1/16 SAT Critical Reading >= 400
- 3/1/16 or later SAT Evidence-Based Reading and Writing Section >= 450; or SAT Reading Test >= 22
- ACT Reading or ACT PLAN Reading >= 16
- Accuplacer WritePlacer >= 6
- Accuplacer WritePlacer ESL >= 4
- PSAT10 Reading or PSAT/NMSQT Reading* >= 40
- PSAT10 Reading or PSAT/NMSQT Reading** >= 22
- ACT Aspire Reading >= 422
- ASVAB-AFOQT Composite >= 31
- Meet the Criteria of the NJDOE Portfolio Appeal

**MATHEMATICS**

- PARCC Algebra I >= 750 (Level 4)
- PARCC Geometry >= 725 (Level 3)
- PARCC Algebra II >= 725 (Level 3)
- Prior to 3/1/16 SAT Math >= 400
- 3/1/16 or later SAT Math Section >= 440; or SAT Math Test >= 22
- ACT or ACT PLAN Math >= 16
- Accuplacer Elementary Algebra >= 76
- PSAT10 Math or PSAT/NMSQT Math* >= 40
- PSAT10 Math or PSAT/NMSQT Math** >= 22
- ACT Aspire Math >= 422
- ASVAB-AFOQT Composite >= 31
- Meet the Criteria of the NJDOE Portfolio Appeal

Note: * PSAT taken prior to October 2015; **PSAT taken after October 2015. Effective immediately, students who took the redesigned SAT after March 1, 2016, may meet the state assessment graduation requirement by obtaining a Math Section Score of 440 or a Math Test Score of 22 and an Evidence-Based Reading and Writing Section Score of 450 or a Reading Test Score of 22.
### ELECTIVE COURSES THAT MEET GRADUATION REQUIREMENTS

#### Courses that meet the **Visual and Performing Arts** requirement:

- AP Music Theory
- AP 2-D Art and Design
- AP Drawing
- Concert Band 1 CP-A
- Concert Band 2/3/4 CP-A
- Concert Band 4 Honors
- Concert Choir 1, 2, 3, CP-A
- Concert Choir 4 Honors
- Crafts 1: Ceramics & Mixed Media CP-A
- Crafts 2: Adv. Ceramics & Mixed Media CP-A
- Dance I
- Digital Photography CP-A
- Fine Art 1: Foundations CP-A
- Fine Art 2: Adv. Foundations CP-A
- Fine Arts 3 Portfolio Honors
- Fine Arts Sculpture Honors
- Graphic Design 1: Digital Editing CP-A
- Graphic Design 2: Drawing and Illustrator CP-A
- Graphic Design 3: Applications Honors
- Graphic Design: Illustration Honors
- Honors Art History
- Music Technology CP-A
- Music Technology 2: Digital Editing & Recording
- Music Technology 3: Adv. Studio Recording
- Music Theory 1 CP-A
- Piano Lab CP-A
- Theatre Arts 1 CP-A
- Theatre Arts 2 CP-A
- Theatre Arts 3 Honors
- Theatre Arts 4 Honors
- Visual Journaling CP-A

#### Courses that meet the **Technology** requirement:

- Adv. Construction & Manuf. CP-A
- AP Computer Science
- AP Computer Science Principles
- Architecture 1 CP-A
- Architecture 2 CP-A
- Architecture 3 Honors
- Architecture 4 Honors
- Biotechnology 1 CP-A
- CADD 1 CP-A
- CADD 2 for Rapid Proto. CP-A
- CADD 3: Eng. Graphics Honors
- Computer Animation CP-A
- Computer Concepts 1 CP-A
- Computer Concepts /Apps 2 CP-A
- Construction & Manuf. CP-A
- Cybersecurity CP-A
- Eng & Design Tech 1 CP-A
- Eng & Design Tech 1 CP-B
- Eng & Design Tech 2 Honors/CP-A
- Eng & Design Tech 3 Honors
- Eng & Design Tech 4 Honors
- Intro to Computer Science CP-A
- MakerLab CP-A
- Material Processing 1 CP-A
- Material Processing 1 CP-B
- Material Processing 2 CP-A
- Media Tech 2 Honors/CP-A
- Media Tech 3 Honors
- Media Tech 4 Honors
- Media Technology 1 CP-A
- Media Technology CP-B

#### Courses that meet the **Financial Literacy** requirement:

- AP Macro/Microeconomics
- Personal Finance CP-A / Virtual
- Managing Your Money CP-B
- Consumer Skills CP-B
- Cooperative Work Study
- Power/Energy/Trans Tech 1 CP-A
- Power/Energy/Trans Tech 2 CP-A
- Power/Energy/Trans Tech 3 Honors
- Power/Energy/Trans Tech 4 Honors
- Video Game Design CP-A
- Web Page Design 1 CP-A
- Women in Engineering CP-A
## Electives (A-Z)

<table>
<thead>
<tr>
<th>Course</th>
<th>Honors</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting 1 CP-A</td>
<td>Concert Band 4 Honors</td>
<td>Ind. Study AP Art History</td>
</tr>
<tr>
<td>Accounting 2 Honors</td>
<td>Concert Choir 1, 2, 3, CP-A, 4 (H)</td>
<td>Intro to Business CP-A</td>
</tr>
<tr>
<td>Accounting 3 Honors</td>
<td>Concert Choir 4 Honors</td>
<td>Intro to Computer Science CP-A</td>
</tr>
<tr>
<td>Adv. Construction and Man.</td>
<td>Construction &amp; Man. 2 CP-A</td>
<td>Intro to Investing CP-A</td>
</tr>
<tr>
<td>American Film CP-A</td>
<td>Consumer Skills CP-B</td>
<td>Introduction to Spanish Language and Culture Through Film CP-A</td>
</tr>
<tr>
<td>American Military History I CP-A</td>
<td>Crafts 1: Ceramics &amp; Mixed Media CP-A</td>
<td>Introduction to Spanish Language and Culture Through Film CP-A</td>
</tr>
<tr>
<td>Anatomy and Physiology</td>
<td>Creative Writing CP-A</td>
<td>MakerLab CP-A</td>
</tr>
<tr>
<td>AP Computer Sci Principles</td>
<td>Creative Writing Workshop CP-A</td>
<td>Managing Your Money CP-B</td>
</tr>
<tr>
<td>AP Computer Science</td>
<td>Cybersecurity CP-A</td>
<td>Marketing II: Advertising &amp; Sales CP-A</td>
</tr>
<tr>
<td>AP European History</td>
<td>Dance I</td>
<td>Material Processing 1 CP-A</td>
</tr>
<tr>
<td>AP Human Geography</td>
<td>Debate and Public Speaking CP-A</td>
<td>Material Processing 1 CP-B</td>
</tr>
<tr>
<td>AP Micro/Macroeconomics</td>
<td>Debate and Public Speaking Honors</td>
<td>Material Processing 2 CP-A</td>
</tr>
<tr>
<td>AP Music Theory</td>
<td>Digital Photography CP-A</td>
<td>Media Tech 1 CP-A</td>
</tr>
<tr>
<td>AP Research</td>
<td>Digital Branding your Future</td>
<td>Media Tech 2 Honors/CP-A</td>
</tr>
<tr>
<td>AP Seminar</td>
<td>Eng &amp; Design Tech 1 CP-A/Honors</td>
<td>Media Tech 3 Honors</td>
</tr>
<tr>
<td>AP United States Gov’t &amp; Politics</td>
<td>Eng &amp; Design Tech 2 CP-A/Honors</td>
<td>Media Tech 4 Honors</td>
</tr>
<tr>
<td>AP 2-D Art and Design</td>
<td>Eng &amp; Design Tech 3 Honors</td>
<td>Media Technology 1 CP-A</td>
</tr>
<tr>
<td>AP Drawing</td>
<td>Eng &amp; Design Tech 4 Honors</td>
<td>Music Technology 2: Digital Editing &amp; Recording</td>
</tr>
<tr>
<td>Architecture 2 CP-A</td>
<td>Engineering Design Tech 1 CP-B</td>
<td>Music Theory 1 CP-A</td>
</tr>
<tr>
<td>Architecture 3, 4 Honors</td>
<td>Engineering Graphics (CADD3)</td>
<td>Mystery &amp; Suspense Literature</td>
</tr>
<tr>
<td>Behavioral Science CP-A</td>
<td>Entrepreneurship CP-A</td>
<td>Personal Finance CP-A</td>
</tr>
<tr>
<td>Biotechnology 1 CP-A</td>
<td>Fashion Marketing /Merchandise CP-A</td>
<td>Personal Finance CP-B</td>
</tr>
<tr>
<td>CADD 1 CP-A</td>
<td>Fine Art 1: Foundations CP-A</td>
<td>Personal Finance Virtual CP-A; CP-B</td>
</tr>
<tr>
<td>CADD 2 CP-A</td>
<td>Fine Art 2: Adv. Foundations CP-A</td>
<td>Piano Lab CP-A</td>
</tr>
<tr>
<td>Calculus III</td>
<td>Fine Arts 3 Portfolio Honors</td>
<td>Power/Energy/Trans Tech 1 CP-A</td>
</tr>
<tr>
<td>Career Exploration</td>
<td>Fine Arts Sculpture Honors</td>
<td>Power/Energy/Trans Tech 2 CP-A</td>
</tr>
<tr>
<td>Civics &amp; Government CP-A</td>
<td>Forensic Science</td>
<td>Power/Energy/Trans Tech 3 Honors</td>
</tr>
<tr>
<td>Computer Animation CP-A</td>
<td>Geology</td>
<td>Principles of Behavioral Science (H)</td>
</tr>
<tr>
<td>Computer Concepts 1 CP-A</td>
<td>Graphic Design 1: Digital Editing CP-A</td>
<td></td>
</tr>
<tr>
<td>Computer Concepts CP-B</td>
<td>Graphic Design 2: Drawing and Illustrator CP-A</td>
<td></td>
</tr>
<tr>
<td>Computer Concepts/App. 2 CP-A</td>
<td>Graphic Design 3: Applications Honors</td>
<td></td>
</tr>
<tr>
<td>Concert Band 1 CP-A</td>
<td>Graphic Design: Illustration Honors</td>
<td></td>
</tr>
<tr>
<td>Concert Band 2/3/4 CP-A</td>
<td>Honors Art History</td>
<td></td>
</tr>
</tbody>
</table>
## ELECTIVES (A-Z)

- Principles of Marketing CP-A
- Principles of Sociology CP-A
- Science Fiction & Fantasy Literature
- Sports/Entertain/Hospitality/Tour CP-A
- Street Law CP-A
- Theatre Arts 1 CP-A
- Theatre Arts 2 CP-A
- Theatre Arts 3 Honors
- Theatre Arts 4 Honors
- U.S. History through Film CP-A
- Video Game Design CP-A
- Visual Journaling CP-A
- Web Page Design 1 CP-A
- Women in Engineering CP-A
- Work Study
9TH GRADE ELECTIVES

In addition to their core academic subjects, 9th grade students are able to take multiple electives. Such courses offer freshmen the opportunity to explore a wide variety of subjects, and to gain exposure to entry level courses in numerous disciplines.

Courses that meet the Visual and Performing Arts requirement:
- Concert Band 1 CP-A
- Concert Choir 1 CP-A
- Dance 1
- Fine Art 1: Foundations of Art CP-A
- Graphic Design 1: Digital Editing CP-A
- Music Technology CP-A
- Music Theory CP-A
- Piano Lab CP-A
- Theatre Arts 1 CP-A
- Visual Journaling CP-A

Courses that meet the Technology requirement:
- Biotechnology 1 CP-A
- Computer Concepts 1 CP-A
- Computer Concepts 1 CP-B
- Engineering Design Technology CP-B
- Intro to Computer Science CP-A
- Material Processing 1 CP-A
- Material Processing 1 CP-B
- Media Technology CP-B
- Power/Energy/Trans Tech 1 CP-A
- Architecture CP-A
- CADD 1 CP-A
- MakerLab CP-A
- Eng Design Tech 1 CP-A
- Media Technology 1 CP-A
- Web Page Design 1 CP-A
- Women in Engineering CP-A

General Electives:
- Accounting 1 CP-A
- American Military History 1 CP-A
- AP Human Geography
- Creative Writing CP-A
- Entrepreneurship CP-A
- Fashion Marketing and Merchandising CP-A
- Introduction to Business CP-A
- Mystery and Suspense Literature CP-A
- Principles of Marketing CP-A
- Science Fiction & Fantasy Literature CP-A
- U.S. History through Film CP-A

Courses in italics are 2.5 credit, semester courses.
Guidance Department Services

The Guidance Counselors share in the responsibility of insuring that students attain their greatest potential educationally, socially, and vocationally. Working as part of a team with teachers, administrators, child study team members, student assistance counselor, nurse and parents, the counselors help students achieve their goals. Counselors meet with students to discuss school adjustment, college and post-secondary educational and career planning, and personal concerns.

The Guidance Department provides an array of academic, social and college and career readiness services. These services include but are not limited to the following:

- Academic planning
- College and Career Planning
- Naviance College and Career Program
- Schedule planning and course selections
- Transcript and record keeping maintenance
- Parent and teacher conferences
- Referrals to special services, I&RS, and outside agencies
- Student and parent programs
- 9th Grade Transition
- 8th Grade and 9th Grade Parent Programs
- Financial Aid Night
- College Planning Night
- Mini College Fair
- Senior College Application Night
- Working Papers
- Scholarship and Academic Opportunities, i.e. Local Scholarship Application, Boys/Girls State, RYLA, NJ Scholars, HOBY, Governor’s School
- Personal/Social Concerns

Mini College Fair Video 2018

View additional program videos via Livestream
ASSESSMENT OF LEARNING

The final grade a student receives in a class will be based on the following:

<table>
<thead>
<tr>
<th>Year-long Course</th>
<th>% of Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Marking Period Grade</td>
<td>20</td>
</tr>
<tr>
<td>2nd Marking Period Grade</td>
<td>20</td>
</tr>
<tr>
<td>Midterm Examination</td>
<td>10</td>
</tr>
<tr>
<td>3rd Marking Period Grade</td>
<td>20</td>
</tr>
<tr>
<td>4th Marking Period Grade</td>
<td>20</td>
</tr>
<tr>
<td>Final Examination</td>
<td>10</td>
</tr>
</tbody>
</table>

**Semester Course:** MP Grade - 40%; MP Grade - 40%; Exam - 20%

A minimum final grade of 60 is required to pass all courses

Grade Point Average

High Point Regional High School calculates both unweighted and weighted grade point averages. High Point Regional High School reports a student’s weighted grade averages based on a 4.0 scale.

**Weighted GPA:** Each final grade a student earns is directly multiplied times a weight factor and credits are applied. GPA is based on the 100 point numerical scale; however, the weight factors convert the grade point average into values which correspond with the traditional 4.0 weighted scale.

Weight Factor Chart

<table>
<thead>
<tr>
<th>Level of Course</th>
<th>Weight Factor</th>
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</thead>
<tbody>
<tr>
<td>Advanced Placement (AP)</td>
<td>5.15</td>
</tr>
<tr>
<td>Honors (H)</td>
<td>4.95</td>
</tr>
<tr>
<td>College Prep A (CP-A)</td>
<td>4.5</td>
</tr>
<tr>
<td>College Prep B (CP-B)</td>
<td>4.15</td>
</tr>
<tr>
<td>General</td>
<td>4.0</td>
</tr>
</tbody>
</table>
### ASSESSMENT OF LEARNING

**Example**

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>X</th>
<th>Weight Factor</th>
<th>X</th>
<th>Credits</th>
<th>=</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 12 CP-A</td>
<td>92</td>
<td>X</td>
<td>4.50</td>
<td>X</td>
<td>5</td>
<td>=</td>
<td>20.70</td>
</tr>
<tr>
<td>AP US Gov &amp; Politics</td>
<td>81</td>
<td>X</td>
<td>5.15</td>
<td>X</td>
<td>5</td>
<td>=</td>
<td>20.575</td>
</tr>
<tr>
<td>Spanish 4 Honors</td>
<td>84</td>
<td>X</td>
<td>4.95</td>
<td>X</td>
<td>5</td>
<td>=</td>
<td>20.79</td>
</tr>
<tr>
<td>Applied Math CP-B</td>
<td>84</td>
<td>X</td>
<td>4.15</td>
<td>X</td>
<td>5</td>
<td>=</td>
<td>17.43</td>
</tr>
<tr>
<td>Forensic Science CP-A</td>
<td>92</td>
<td>X</td>
<td>4.5</td>
<td>X</td>
<td>6</td>
<td>=</td>
<td>24.84</td>
</tr>
<tr>
<td>PE/Health CP-A</td>
<td>87</td>
<td>X</td>
<td>4.5</td>
<td>X</td>
<td>5</td>
<td>=</td>
<td>19.575</td>
</tr>
<tr>
<td>Art History Honors</td>
<td>82</td>
<td>X</td>
<td>4.95</td>
<td>X</td>
<td>5</td>
<td>=</td>
<td>20.295</td>
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<tr>
<td>Architecture 4 Honors</td>
<td>87</td>
<td>X</td>
<td>4.95</td>
<td>X</td>
<td>5</td>
<td>=</td>
<td>21.5325</td>
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<tr>
<td><strong>Totals</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>41</strong></td>
<td>=</td>
<td><strong>166.02</strong></td>
</tr>
</tbody>
</table>

**Weighted GPA:** 166.02 / 41 = 4.0493

**Unweighted GPA:** The unweighted GPA is used for determining honor roll. It is based on the 100-point grading scale.

**Example**

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>X</th>
<th>Credits</th>
<th>=</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 12 CP-A</td>
<td>92</td>
<td>X</td>
<td>5</td>
<td>=</td>
<td>460</td>
</tr>
<tr>
<td>AP US Gov &amp; Politics</td>
<td>81</td>
<td>X</td>
<td>5</td>
<td>=</td>
<td>405</td>
</tr>
<tr>
<td>Spanish 4 Honors</td>
<td>84</td>
<td>X</td>
<td>5</td>
<td>=</td>
<td>420</td>
</tr>
<tr>
<td>Applied Math CP-B</td>
<td>84</td>
<td>X</td>
<td>5</td>
<td>=</td>
<td>420</td>
</tr>
<tr>
<td>Forensic Science CP-A</td>
<td>92</td>
<td>X</td>
<td>6</td>
<td>=</td>
<td>552</td>
</tr>
<tr>
<td>PE/Health CP-A</td>
<td>87</td>
<td>X</td>
<td>5</td>
<td>=</td>
<td>435</td>
</tr>
<tr>
<td>Art History Honors</td>
<td>82</td>
<td>X</td>
<td>5</td>
<td>=</td>
<td>410</td>
</tr>
<tr>
<td>Architecture 4 Honors</td>
<td>87</td>
<td>X</td>
<td>5</td>
<td>=</td>
<td>435</td>
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<tr>
<td><strong>Totals</strong></td>
<td></td>
<td></td>
<td><strong>40</strong></td>
<td>=</td>
<td><strong>3537</strong></td>
</tr>
</tbody>
</table>

**Unweighted GPA:** 3537/41 = 86.27
Class Rank
Students are ranked according to their cumulative weighted grade point average (GPA). The calculation of rank for students who transfer prior to the second semester of Grade 11, will include grades earned in the regular academic program of their prior school. Students who transfer to the district after the the start of the second semester of Grade 11 will not be included in the calculation of senior class rank. An internal class rank will be kept in order to provide mandated information to HESAA in order to determine eligibility for scholarships and programs. This internal rank will be kept confidential and will be released directly to HESAA only.

Honor Roll
The grades received in all courses are included in the computation to determine eligibility for the Honor Roll. The student’s unweighted GPA will be calculated for each marking period. The specific criteria to earn Honor Roll recognition is:

**High Honor Roll:** An unweighted grade point average between 92-100 with no grade lower than a 70, and no incompletes.

**Honor Roll:** An unweighted grade point average between 85-91 with no grade lower than a 70, and no incompletes.

Extra-Curricular Eligibility
In order to be eligible for any fall/winter or full-year extra-curricular activities and/or interscholastic athletic programs at High Point Regional High School, students must have earned 30 credits in the previous academic year. In order to be eligible for any spring extra-curricular activity, and/or spring interscholastic athletic program, students must have passed six classes during the first semester of the school year.

NCAA Eligibility
Students planning to participate in Division I or II sports in college must be aware of the process required for NCAA certification. Students who intend to participate in intercollegiate sports must register with the NCAA Eligibility Center by the summer before their senior year. NCAA eligibility information is available at: https://web3.ncaa.org/ecwr3/ Guidance counselors will advise students about the NCAA eligibility standards and work with them to ensure that they satisfy the core curriculum and SAT/ACT requirements.
CONCURRENT ENROLLMENT - STEM

High Point has partnered with Sussex County Community College (SCCC), the New Jersey Institute of Technology (NJIT), and Ramapo College of New Jersey to offer concurrent enrollment courses for students in select courses. Students who enroll in courses that are affiliated with the aforementioned colleges/universities are responsible for tuition if they choose to receive college credit for the course. Our teachers have been approved by the respective colleges to teach these courses, and students do not have to attend these colleges in order to have the credits count towards a future degree. College credits earned through this program are listed on an official college transcript and may be applied toward an undergraduate degree at the affiliated institution or other colleges or universities as per their policies. Students should consult the universities they plan to attend to determine the applicability of specific courses to their program(s) of study.

<table>
<thead>
<tr>
<th>HP Course</th>
<th>Gr.</th>
<th>Affiliation</th>
<th>Course Name/ # Credits</th>
<th>Tuition*</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting 1/Accounting 2</td>
<td>11-12</td>
<td>Ramapo</td>
<td>ACCT221 - Principles of Financial Accounting - 4 credits</td>
<td>$119/Credit</td>
<td></td>
</tr>
<tr>
<td>Anatomy &amp; Physiology</td>
<td>11-12</td>
<td>SCCC</td>
<td>BIOS 103 &amp; 104 - Anatomy and Physiology I and II - 8 credits</td>
<td>$450</td>
<td>This two semester college course is organized locally as a full year course.</td>
</tr>
<tr>
<td>AP Physics 1</td>
<td>11-12</td>
<td>SCCC</td>
<td>PHYS110 - Physics - 3 credits</td>
<td>$225</td>
<td></td>
</tr>
<tr>
<td>AP Physics 2</td>
<td>11-12</td>
<td>SCCC</td>
<td>PHYS112 - Physics II - 3 credits</td>
<td>$225</td>
<td></td>
</tr>
<tr>
<td>AP Physics C</td>
<td>11-12</td>
<td>SCCC</td>
<td>PHYS120 - Physics w. Calculus - 3 credits</td>
<td>$225</td>
<td></td>
</tr>
<tr>
<td>CADD 3: Engineering Graphics</td>
<td>11-12</td>
<td>NJIT</td>
<td>MET103 - Engineering Graphics and Intro to CAD - 2 credits</td>
<td>$150/credit</td>
<td></td>
</tr>
<tr>
<td>CADD 4: Advanced Engineering Graphics</td>
<td>12</td>
<td>NJIT</td>
<td>MET105 - Applied Computer Aided Design-3 credits</td>
<td>$150/credit</td>
<td></td>
</tr>
<tr>
<td>Calculus w/ App.</td>
<td>12</td>
<td>SCCC</td>
<td>MATH113-Calculus - 4 credits</td>
<td>$225</td>
<td></td>
</tr>
<tr>
<td>College Math</td>
<td>12</td>
<td>SCCC</td>
<td>MATH106-Mathematical Concepts - 3 credits</td>
<td>$225</td>
<td></td>
</tr>
<tr>
<td>Environmental Systems</td>
<td>11-12</td>
<td>Ramapo</td>
<td>ENVI03 - Intro. to Environmental Science - 4 credits</td>
<td>$119/credit</td>
<td></td>
</tr>
<tr>
<td>Forensics</td>
<td>11-12</td>
<td>SCCC</td>
<td>CHEM107 - Forensic Science - 3 credits</td>
<td>$225</td>
<td></td>
</tr>
<tr>
<td>Media Technology 4</td>
<td>11-12</td>
<td>SCCC</td>
<td>COMM5130 - TV Production - 3 credits</td>
<td>$225</td>
<td></td>
</tr>
<tr>
<td>Pre-Calculus Honors</td>
<td>11-12</td>
<td>SCCC</td>
<td>MATH110 - 3 credits</td>
<td>$225</td>
<td></td>
</tr>
<tr>
<td>Statistics</td>
<td>11-12</td>
<td>Ramapo</td>
<td>MATH108-Elementary Probability and Statistics - 4 credits</td>
<td>$119/credit</td>
<td></td>
</tr>
<tr>
<td>Web Page Design 1</td>
<td>10-12</td>
<td>SCCC</td>
<td>COMM5155 - Web Site Development - 3 credits</td>
<td>$225</td>
<td></td>
</tr>
</tbody>
</table>

* Represents 2018-2019 cost
CONCURRENT ENROLLMENT- Humanities

High Point has partnered with Sussex County Community College (SCCC), the New Jersey Institute of Technology (NJIT), Ramapo College of New Jersey, and Rowan University to offer concurrent enrollment courses for students in select courses. Students who enroll in courses that are affiliated with the aforementioned colleges/universities are responsible for tuition if they choose to receive college credit for the course. Our teachers have been approved by the respective colleges to teach these courses, and students do not have to attend these colleges in order to have the credits count towards a future degree. College credits earned through this program are listed on an official college transcript and may be applied toward an undergraduate degree at the affiliated institution or other colleges or universities as per their policies. Students should consult the universities they plan to attend to determine the applicability of specific courses to their program(s) of study.

For more information, please visit:
New Jersey Institute of Technology: http://www5.njit.edu/precollege/partnerprograms/
Sussex County Community College: http://sussex.edu/academics/highschool/
Ramapo College of New Jersey: https://www.ramapo.edu/
Rowan University: https://www.rowan.edu/home/

<table>
<thead>
<tr>
<th>HP Course</th>
<th>Gr.</th>
<th>Affiliation</th>
<th>Course Name/ # Credits</th>
<th>Tuition*</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Behavioral Science</td>
<td>11-12</td>
<td>SCCC</td>
<td>PYSC 101 - Intro. to Psychology - 3 credits</td>
<td>$225</td>
<td>Students are required to complete additional course work for credit.</td>
</tr>
<tr>
<td>Principles of Behavioral Science Honors</td>
<td>11-12</td>
<td>SCCC</td>
<td>PYSC 101 - Intro. to Psychology - 3 credits</td>
<td>$225</td>
<td></td>
</tr>
<tr>
<td>Principles of Sociology</td>
<td>11-12</td>
<td>SCCC</td>
<td>SOCA 101 - Intro. to Sociology - 3 credits</td>
<td>$225</td>
<td></td>
</tr>
<tr>
<td>AP Macroeconomics</td>
<td>10-12</td>
<td>SCCC</td>
<td>ECON 101 - Macroeconomics</td>
<td>$225</td>
<td></td>
</tr>
<tr>
<td>AP Microeconomics</td>
<td>10-12</td>
<td>SCCC</td>
<td>ECON 102 - Microeconomics</td>
<td>$225</td>
<td></td>
</tr>
<tr>
<td>French 3 Honors</td>
<td>11-12</td>
<td>SCCC</td>
<td>FREN 102 - Elementary French 2 - 3 Credits</td>
<td>$225</td>
<td></td>
</tr>
<tr>
<td>French 4 Honors / AP French</td>
<td>11-12</td>
<td>SCCC</td>
<td>FREN 201 - Intermediate French 1 - 3 Credits</td>
<td>$225</td>
<td>* Pending Approval</td>
</tr>
<tr>
<td>Spanish III Honors</td>
<td>11-12</td>
<td>SCCC</td>
<td>SPAN 102 - Elementary Spanish II - 3 credits</td>
<td>$225</td>
<td></td>
</tr>
<tr>
<td>AP Spanish IV</td>
<td>11-12</td>
<td>SCCC</td>
<td>SPAN 201 - Intermediate Spanish I - 3 credits</td>
<td>$225</td>
<td></td>
</tr>
<tr>
<td>Digital Photography</td>
<td>11-12</td>
<td>SCCC</td>
<td>Photo 109 - Intro to Photography - 3 credits</td>
<td>$225</td>
<td></td>
</tr>
<tr>
<td>American Sign Lang. 1 - Virtual</td>
<td>11-12</td>
<td>Rowan</td>
<td>ASL 101 Elementary Sign Language</td>
<td>TBD</td>
<td>* Pending Approval</td>
</tr>
</tbody>
</table>

* Represents 2018-2019 cost
INDUSTRY CERTIFICATIONS

High Point Regional High School provides students with the opportunity to earn Nationally Recognized Industry Certifications in a variety of courses. Students are provided with extensive in class training and the convenience of taking the assessments on-campus. High Point, through feedback with industry leaders, our staff, and our alumni, prioritizes the importance of our students graduating with these important credentials.

High Point courses in this Program of Study which provide an opportunity to for students to earn Industry Certification will be represented with the logo pictured to the right.

<table>
<thead>
<tr>
<th>Certification</th>
<th>High Point Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microsoft Technology Associate</td>
<td>AP Computer Science Principles</td>
</tr>
<tr>
<td>Microsoft Office</td>
<td>Computer Concepts and Applications</td>
</tr>
<tr>
<td>Entrepreneurship and Small Business</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>Video Production 1 and 2</td>
<td>Media Technology 2</td>
</tr>
<tr>
<td>Television Production</td>
<td>Media Technology 3</td>
</tr>
<tr>
<td>Social Media Marketing</td>
<td>Media Technology 4</td>
</tr>
<tr>
<td>Autodesk Certified User - Inventor</td>
<td>Engineering Graphics</td>
</tr>
<tr>
<td>Autodesk Certified Professional - Inventor</td>
<td>Advanced Engineering Graphics</td>
</tr>
<tr>
<td>Autodesk Certified User-Revit</td>
<td>Architecture 3</td>
</tr>
<tr>
<td>Autodesk Certified Professional - Revit</td>
<td>Architecture 4</td>
</tr>
<tr>
<td>Unity</td>
<td>Video Game Design</td>
</tr>
<tr>
<td>OSHA</td>
<td>Advanced Construction and Manufacturing</td>
</tr>
</tbody>
</table>
LEVELS OF INSTRUCTION

Philosophy:
As a comprehensive high school, High Point is committed to meeting the academic needs of all students, and to ensuring that all students are challenged and properly prepared for college and career. In pursuit of these principles it is necessary to deliver our curriculum across varying levels of instruction. Such levels are intended to support the individual needs of students, and should not be seen as a barrier to students accessing the most rigorous curriculum. High Point believes in a student-centered curriculum and in equity and access regarding students’ opportunity to select courses.

Determining Course Level:
Selecting the level of instruction for a course is a collaborative effort. Students, parents, teachers and counselors work together to ensure that a student is placed in the proper level of instruction. Each year teachers recommend their students for a level of instruction which is consistent with their ability and performance. Guidance counselors consult with students and ensure that teachers’ recommendations match each student's needs. Parents are encouraged to participate in the scheduling process, and are welcome to consult with students' teachers and counselors, and to appeal any scheduling decisions with which they disagree.
LEVELS OF INSTRUCTION

Advanced Placement:
High Point offers one of the most extensive Advanced Placement (AP) curricula in New Jersey. By offering 31 AP courses, including the Capstone program, High Point provides students with tremendous opportunity to earn college credit, enhance their college profile, compete against top students from around the world and to explore subject matter on the collegiate level. All students enrolled in an AP course at High Point are required to take the end of course AP exam in May. Many AP courses require students to complete an assignment over the summer.

Honors:
High Point provides students with the opportunity to study subjects at an accelerated pace through Honors level courses. Honors courses challenge students with rigorous enrichment activities, and require students to do a considerable amount of independent work outside of class. Many Honors level courses require students to complete an assignment over the summer.

College Prep A:
In most courses the standard curriculum is presented on the College Prep A (CP-A) level. These courses are designed to be rigorous, and to ensure that students develop the fundamental skills necessary for academic success in college.

College Prep B:
In College Prep B (CP-B) courses the curriculum is broken down and delivered in smaller segments than it is in Honors or CP-A courses. Minor modifications are made to support students who need additional time mastering the course’s content and fundamental skills.

General:
General level courses provide a foundation of academic preparation and mastery of basic content and skills.
ALTERNATE CREDIT PATHWAYS

Consistent with N.J.A.C. 6A:8-5.1(a) 1.ii, as well as the district’s Intervention and Referral Services (I&RS) and Response to Intervention (RtI) programs, High Point students are afforded the opportunity to earn credits beyond the traditional classroom setting. The High Point Virtual Academy provides online and blended learning opportunities for students to pursue original credit via Option II and credit recovery classes. There are three alternate credit pathways:

1) **Option II** provides students with the opportunity to take courses for original credit. It is recommended that students take these course via the High Point Virtual Academy, but other providers/institution may be approved by the Director of Curriculum and Instruction. All Option II courses must be aligned to and meet the proficiencies and content enumerated in the NJSLS and CTE. In order to receive credit on their transcript students must demonstrate proficiency in the subject area via their course grade or an equivalent demonstration of proficiency as determined by the Director of Curriculum and Instruction.

2) **Credit Recovery** is for students who have failed a course and/or are in loss of credit due to attendance. Students can remediate credits via the High Point Virtual Academy. Student may initiate the credit recovery process on their own in consultation with their guidance counselor or credit recovery may be a recommended RtI intervention by the district I&RS Team.

3) **Independent Study** can be an academically enriching experience for both the student as well as the cooperating teacher or partnering organization. Independent study provides students with the opportunity to master an academic area through his/her own initiative, self-discipline, and self-reliance.

**Credit Recovery:** [http://www.educere.net/myCourses.asp?pageID=2588.331](http://www.educere.net/myCourses.asp?pageID=2588.331)

**Original Credit (Option II):** [http://www.educere.net/myCourses.asp?pageID=4245.642](http://www.educere.net/myCourses.asp?pageID=4245.642)


**Requirements for earning Original Credit through Option II; or for Credit Recovery:**

- If students have the opportunity to take a course at High Point, in traditional “in-seat” format, the district will not pay for a student to take this course through the Virtual Academy. Students are limited to five (5) credits per year through a third-party virtual provider when taking these courses during the school year. Unless extenuating circumstances or scheduling conflicts exist, students may only use this pathway (third-party, virtual courses) for original credit once per four years to fulfill a portion of a specific graduation requirement (ie: 20 credits in English/Language Arts, 15 credits in Social Studies, etc.). Students taking virtual courses over the summer may exceed the five (5) credit per year limit, but may not exceed the five (5) credit limit on virtual courses counting towards a specific graduation requirement.
• Students who enroll in virtual courses over the summer for Original Credit are responsible for paying for the entire course.
• Students applying for AP/Honors courses are to adhere to the current High Point prerequisites. They will also be required to take the AP examination in May.
• It is the student’s responsibility to understand the course description, structure, and requirements prior to registration. Additional equipment may be necessary and is the responsibility of the student.
• Courses are designed to require a minimum of 120 hours for successful completion.
• All laboratory science courses require additional hours and resources.
• Virtual courses might not meet NCAA clearinghouse requirements. Student-athletes should discuss this issue with their guidance counselor.
• During the registration process students must use their High Point Gmail address. A parent email address is also required.
• Students are encouraged to seek all necessary academic assistance through the virtual provider and virtual teacher. The virtual teacher/course is accessible 24/7; therefore all course help should be pursued virtually.
• Students who require educational modifications will receive the full requirements according to their individualized educational plan.

*These requirements are subject to administrative discretion, and may be adjusted on a case by case basis.*
Student Proposed Independent Study

Independent Study for credit is available to students provided:

Requirements for earning credit through Independent Study:

- The student has completed a minimum of 60 credits toward graduation;
- The student has achieved a grade of 80 or better in all prerequisite courses in a specific subject area;
- The student has obtained written approval from his or her parent, the teacher, his or her guidance counselor, and the Principal prior to beginning the independent study;
- The student must carry at least seven courses, before an independent study may be considered during the regular academic school year;
- The nature of the course makes independent study feasible;
- The approved curriculum for the course will be kept on file;
- A teacher with New Jersey Certification in the subject is willing to instruct, evaluate, and grade [Pass/Fail (P/F)] an independent study arrangement.
- Students who wish to participate in an individualized internship program should see their guidance counselor. Students must be prepared to present a proposal to their counselor which will be reviewed and approved by the Director of Curriculum and Instruction.
- The independent study can be done as a senior project. This option must be discussed with a student’s guidance director, the Principal and the Director of Curriculum and Instruction.
- An independent study course will receive a P/F grade, which will be recorded on the student’s transcript, but will not be calculated as part of the student’s GPA. Courses taken via Independent Study will be subject to the same grade reporting deadlines that apply to courses taken in the classroom.

* These requirements are subject to administrative discretion, and may be adjusted on a case by case basis.

The Student Proposed Independent Study can be found HERE:


High Point Virtual Academy

The High Point Regional High School community recognizes that virtual learning is a component of an enriching 21st century education. Therefore, in recognition of the importance of a rigorous and rich curriculum, the High Point Regional High School Board of Education has provided funding for High Point students to pursue a vastly increased virtual curriculum, through the High Point Virtual Academy, provided via Educre. High Point teaching staff members have also endeavored to create exceptional virtual instructional opportunities for our students which are highly recommended. The High Point Virtual Academy provides online and blended learning courses taught by certified teachers.
The full list of Virtual Academy courses can be accessed at:

**Credit Recovery:** [http://www.educere.net/myCourses.asp?pageID=2588.331](http://www.educere.net/myCourses.asp?pageID=2588.331)

**Original Credit (Option II):** [http://www.educere.net/myCourses.asp?pageID=4245.642](http://www.educere.net/myCourses.asp?pageID=4245.642)

**Virtual Academy Fees:**

- There are no costs for virtual courses that are part of an I&RS/RtI intervention plan.
- Original Credit courses taken via the High Point Virtual Academy during the **summer** are to be fully paid for by the student.
- Original Credit courses taken via the High Point Virtual Academy during the **school year**, and that are available to students through traditional “in-seat” instruction at High Point, are to be fully paid for by the student. In-seat courses are not deemed available to students when a significant scheduling conflict exists. In such instances High Point will pay for the cost of the virtual course.
- Financial assistance for students pursuing virtual coursework will be considered on a case by case basis. A Student’s financial need, as well High Point’s budgetary limitations will be taken into consideration.

*These requirements are subject to administrative discretion, and may be adjusted on a case by case basis.*

**The High Point Virtual Academy application can be found HERE:**

[https://docs.google.com/a/hpregional.org/forms/d/e/1FAlpQLSc05cMPYffPI5jdicaNUatTk8uDcOxirl2sixtCBkixjw/viewform](https://docs.google.com/a/hpregional.org/forms/d/e/1FAlpQLSc05cMPYffPI5jdicaNUatTk8uDcOxirl2sixtCBkixjw/viewform)
MEETING THE NEEDS OF ALL STUDENTS

Response to Intervention (RtI)

The Intervention and Referral Services (I&RS) process is designed to assist students who are experiencing learning, behavior, health, or social-emotional difficulties and to assist staff who have difficulties in addressing the student’s learning, behavior, health, or social-emotional needs. The I&RS process for general education students is intended as a primary way in which general education teachers or specialists can assist a student who is at risk for school problems within the general education environment. I&RS programs exist primarily to focus on particular student problems using available resources within the general education environment. The end result of I&RS activities should be student improvement through direct assistance to the student or support to staff who play a role in the student’s school day.

High Point Regional High School has implemented a multidisciplinary and comprehensive team approach for planning and delivering the services necessary to help students meet academic, behavioral, health, or social-emotional needs. The team of collaborating teachers, counselors, and professionals intervenes to serve at-risk students is designated the I&RS Team. In many instances, the action plan developed by the I&RS Team will include the use of the Response to Intervention, or RtI model.

The RtI model for high school-age children who are at-risk emphasizes pre-referral prevention and intervention. RtI can be distinguished from traditional methods of identifying learning disabilities in that it allows early and intensive interventions based on learning characteristics and does not wait for children to fail before providing necessary services and supports. The major premise of RtI is that early intervening services can both prevent academic problems for many students who experience learning difficulties and determine which students actually have learning disabilities.

English Language Learner Program

In Accordance with N.J.A.C. 6A:15, High Point offers individualized programs for students who are identified for English Language Learner (ELL) services during enrollment screening and/or faculty recommendation via I&RS. Students participating in the ELL program are assessed annually via the the WIDA ACCESS assessment. Grade level ELL courses are offered via the World Languages Department as a RtI Tier 2 intervention. The district uses multiple measures to monitor students progress during an eventual exit from the ELL Program.
Work Study Program (Also see Career Exploration (BUS562) on p.

High Point offers work study program options in the areas of Business, Marketing, CAD, Media, Engineering or Architecture. Through a cooperative arrangement between the school and community employers, 12th Grade students spend a portion of the day in school and a portion in an approved office, related commercial/retail establishment, or engineering firm, depending upon the completion of necessary prerequisite requirements. The program is comprised of the related classroom course and up to three periods of release time for paid work experience. 15 credits are earned upon successful completion of the course. Students who seek admission to the work study program in their senior year are encouraged to take Driver Behind the Wheel Training at age 16 so they are eligible for their license at age 17 – since they must be able to provide their own transportation. Should a student lose driving privileges for any reason, their employment and work study program may be jeopardized. This program provides the senior student with the opportunity to practice industry skills in the workplace while also earning a paycheck.

The related class covers life skills content related to money management and career preparation. Money management topics covered include: banking, taxes, using credit, maintaining a checking account, making major purchases, independent living, consumerism, civic financial responsibility and insurance. Included in the career preparation curriculum are job searching, resumes, understanding paychecks, dealing with different bosses and co-workers, how to work as part of a team, workplace communications, worker accountability and productivity, safety on the job, and ethics in the

<table>
<thead>
<tr>
<th>Category for Work Study</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business</td>
<td>Combination of two Business, Computer, or Finance courses (second course may be taken concurrently)</td>
</tr>
<tr>
<td>Marketing</td>
<td>Two Marketing courses (second course may be taken concurrently)</td>
</tr>
<tr>
<td>CADD</td>
<td>Completion or concurrently enrolled in CADD 3</td>
</tr>
<tr>
<td>Media</td>
<td>Completion or concurrently enrolled in Media 3</td>
</tr>
<tr>
<td>Engineering</td>
<td>Completion or concurrently enrolled in EDT 3 or PETT 3</td>
</tr>
<tr>
<td>Architecture</td>
<td>Completion or concurrently enrolled in Arch 3</td>
</tr>
</tbody>
</table>

AP Capstone Program

AP Capstone is an innovative diploma program that provides students with an opportunity to engage in rigorous scholarly practice of the core academic skills necessary for successful college completion. AP Capstone is built on the foundation of two courses — AP Seminar and AP Research — and is designed to complement and enhance the in-depth, discipline-specific study provided through AP courses. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions.

If a student scores 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing, they will receive the AP Capstone Diploma. This signifies outstanding academic achievement and attainment of college-level academic and research skills. Alternatively, if a student scores a 3 or higher in AP Seminar and AP Research only, they will receive the AP Seminar and Research Certificate.
AP CAPSTONE

AP Seminar (AP101) 5 Credits

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

Grades 10-12
Prerequisite: There are no prerequisites for the AP Seminar course.

AP Research (AP201) 5 Credits

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration students design, plan, and conduct a yearlong mentored investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methods; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. The course culminates in an academic thesis paper of approximately 5,000 words and a presentation, performance, or exhibition with an oral defense. Students enrolled in AP Research will have the opportunity to have their research reviewed by an Institutional Review Board (IRB). In the Fall of 2018, High Point Regional High School formed their own IRB to review research. By having student research reviewed by an IRB, students will be able to publish their research.

Grades 11-12
Prerequisite: AP Seminar
Recommended Co/Prerequisite: Statistics

AP CAPSTONE CERTIFICATE & DIPLOMA

AP Capstone Diploma

AP Seminar and Research Certificate

AP Seminar (Year 1)
- Team Project & Presentation
- Individual Research-Based Essay & Presentation
- End of Course Exam

AP Research (Year 2)
- Academic Paper
- Presentation & Oral Defense

4 AP COURSES & EXAMS (Taken at any point throughout high school)
PATHWAYS - "LET'S BUILD A FUTURE TOGETHER"

Pathways provide students the opportunity to build a personalized program of studies aligned with possible college and career interests. By clustering related courses together, students will gain an enhanced appreciation for how their course work at High Point relates to their future.

Pathways serve as a scheduling guide, and platform for enrichment activities. This construct places NO restrictions on student scheduling and does not require a commitment to a "major" or a specific Pathway.

THE PATHWAYS THROUGH HIGH POINT

STEM - Science, Technology, Engineering and Math

Systems and Sustainability

Law and Government

Business and Human Resources

Media and The Arts
Engineering

Biomedical and Life Sciences

Computer Science, Animation, and Game Development

Related Careers/Fields
Product Designer, Technical Writer, Industrial Engineer, Project Manager, Engineer, Digital Electronics Specialist, CAD Designer, Biochemist, Biophysicist, Biological Engineer, Medical Scientist, Microbiologist, Physician, Pharmacist, Nursing, Physical-Occupational Therapy, Programming and Software Development, Interactive Media, Information Support Services, System Engineer, Software, Web Designer, Network Administrator, Data Systems Designer, Food Science, and/or Education.

Alumni Profile: Samantha Brummell
• High Point Class of 2008
• Bachelor’s and Master’s Degree from Cornell University
• Career: Structural Engineer for a consulting firm in Manhattan

"My participation in Technology classes helped me develop my problem solving skills. My education at High Point has served as a foundation for all my endeavors, including an Ivy League Education, my time at NASA, and current career goals."

Note: Courses followed by an * are available up to AP level.
PATHWAY - SYSTEMS AND SUSTAINABILITY

Architecture and Construction
Architecture, Material Processing, Construction and Manufacturing, CADD, Debate and Public Speaking, Art History*, Fine Art, Graphic Design, Crafts, and Geometry

Environmental Systems

Resource Management

Manufacturing

Related Careers and Fields

Alumni Profile: Tor Andersen
- High Point Class of 2000
- Associates Degree from SUNY Cobleskill
- Career: Owner of Andersen Farms
- Honors: 2017 New Jersey Outstanding Young Farmer
- www.andersenfarmsnj.com

"I always wanted to own my own business and High Point helped prepare my wife and I for our career in farming and retail."
PATHWAY - LAW AND GOVERNMENT

Law and Public Safety

Government and Public Administration

Related Career and Fields
Law Enforcement, Politics, Attorney, Translator, Communications Director, Social Work, Civil Service, FBI, CIA, Foreign Service, Peace Corps, Public Administration, Municipal Government, Paralegal, Journalist, Global Relations, and/or Public Relations.

Alumni Profile: Ashley Craig
- High Point Class of 2014
- Associates Degree from Sussex County Comm. College
- Career: Investigator with Morris County Sheriff’s Dept.

"High Point's supportive staff and diverse courses helped me to explore a variety of disciplines and ultimately achieve my goal of pursuing a degree in law enforcement."
Program of Studies 2019-20

PATHWAY - BUSINESS AND HUMAN RESOURCES

Business Administration: Management

Human Services
Street Law, Sociology, Behavioral Science*, Debate and Public Speaking, Personal Finance/Economics*, World Languages*, and Statistics*

Business Administration: Finance

Education and Training
Debate and Public Speaking, Creative Writing, Behavioral Science*, Sociology, and Theatre

Related Careers and Fields

Alumni Profile: Reed Mattos
- High Point Class of 2012
- Bachelor's Degree from Ramapo College
- Career: Software Developer for STORIS

"More than anything, High Point helped me to develop as an analytical thinker and to work on solving problems with classmates. That’s what I do each day as a software developer”
PATHWAY - MEDIA AND THE ARTS

Visual Arts
American Film, Fine Art, Crafts, Graphic Design, Art History*, AP Studio Art*, Digital Photography, CADD, Architecture, Computer Animation, Video Game Design, Geometry, Anatomy and Physiology

Digital Media
Media Technology, Creative Writing, Debate and Public Speaking, Theatre, US History through Film, American Film, Graphic Design, Music Technology, and Digital Photography

Music

Humanities

Related Careers and Fields

Alumni Profile: Lindsay Hoffman
• High Point Class of 2008
• Bachelor's Degree from PRATT Institute
• Career: Graphic Designer

Lindsay Hoffman is a successful commercial artist. Her graphic design work can be found on the shelves of major retail stores such as Target!
**MATHEMATICS COURSE SEQUENCE**

**STUDENT WHO TOOK ALGEBRA 1 & PASSED NJSLA-ALG1**

Geometry Honors ➔ Algebra 2 ➔ Pre-Calculus ➔ AP Calculus BC

Geometry CP-A ➔ Algebra 2 ➔ Pre-Calculus ➔ AP Calculus AB

Advanced Concepts in Algebra ➔ Algebra 2 ➔ Pre-Calculus ➔ Calculus w/ App. CP-A

**STUDENT WHO TOOK ALGEBRA 1 & DID NOT PASS THE NJSLA-ALG1**

Advanced Concepts in Algebra / Algebra 1 CP-A* ➔ Geometry ➔ Pre-Calculus ➔ AP Calculus BC

Algebra 2 ➔ Pre-Calculus ➔ AP Calculus AB

**STUDENT WHO STILL NEEDS TO TAKE THE NJSLA-ALGEBRA 1**

Algebra 1 CP-A / Algebra 1 CP-B ➔ Geometry ➔ Pre-Calculus ➔ AP Calculus BC

Math Concepts & Applications CP-A ➔ Algebra 1 CP-B* ➔ Geometry ➔ Pre-Calculus

Math Concepts & Applications CP-B* ➔ Algebra 2 ➔ Statistics CP-A

*Pending Assessment Data

*ALL MATH CLASSES ARE FULL YEAR COURSES.

"DOUBLING UP"

In individual cases, students may be encouraged and recommended to take two Mathematics courses in the same academic year. This accelerated pathway can provide 1) curricular continuity in Algebra and 2) more access to upper level courses during Grades 11-12. Typically this is an option, not a requirement.
MATHEMATICS Supervisor Brian Drelick

ALGEBRA 1:

Advanced Concepts in Algebra Honors (MAT100)  5 Credits
This course reinforces a full-year Algebra I curriculum and prepares students for Algebra II. Beginning with a brief review of pre-algebra concepts, students move quickly through familiar content. Many Algebra topics are an extension, on a more abstract level, of work done in eighth grade. Real-life applications help students to understand the importance of algebra in our world. Topics include real number system, solving equations and inequalities, polynomials and exponents, factoring and applications, rational expressions, graphing linear equations, solving linear systems, roots and radicals, and quadratic equations.

Grades 9-10
Prerequisite: Algebra I

Algebra 1 CP-A (MAT102)  5 Credits
Algebra 1 CP-B (MAT103)  5 Credits
These courses build upon previous Algebraic concepts. Topics include the real number systems, integers, rational and irrational numbers, properties of equality and inequality, fundamental operations with polynomials, factoring of polynomials, exponents, roots and radicals, graphing equalities and inequalities, functions, relations, linear equations, quadratic equations, absolute value, and algebraic word problems. Students will take the NJ State EOY Assessment in Math at the conclusion of each course.
MAT102: Grades 9-10
MAT103: Grades 9-10
Prerequisite: Grade 8 Math/First Half of Algebra 1 or Math Concepts and Applications (MAT106 or 107)

Math Concepts and Applications CP-A (MAT106)  5 Credits
Math Concepts and Applications CP-B (MAT107)  5 Credits
Fundamental concepts in Algebra will be presented, preparing students for enrollment in Algebra. All students enrolled in Math Concepts and Applications and Algebra 1 will complete a full Algebra course. Students will not take the Algebra I PARCC at the conclusion of this course, but instead at the conclusion of Algebra I A/B.
Grade 9
MATHEMATICS

GEOMETRY:

Geometry Honors (MAT101) 5 Credits
The subject of this course is the development of Euclidean geometry with an emphasis on logical structure using inductive and deductive reasoning. Topics include parallel lines, congruent triangles, quadrilaterals, inequalities, similar polygons, right triangles, circles, analytic geometry of the conic sections, areas of plane figures, geometric probability, and areas and volumes of solids. Units in coordinate geometry, transformations, and constructions will be introduced and infused throughout the curriculum as well. Although direct and indirect proofs will be written, logical reasoning and applications in real-world situations will also be emphasized.
Grades 9-10
Prerequisite: Algebra 1

Geometry CP-A Lab (MAT202L) 6 Credits
This 9th grade only option for Geometry will balance the same curricular elements found in Geometry A for Grades 10-11 with an ongoing emphasis on Algebra I concepts. This class will lab once over the four day rotation during Unit Lunch.
Grade 9 ONLY
Prerequisite: Algebra 1

Geometry CP-A (MAT202) 5 Credits
The course will focus on undefined terms, definitions, postulates and theorems. Topics include inductive and deductive reasoning, two column proofs, coordinate proofs, indirect proofs, coordinate geometry, parallel and perpendicular lines, congruent triangles, properties of triangles, right triangle trigonometry, special right triangles, similar triangles, quadrilaterals, polygons, circles, transformations, surface area and volume. Strong algebra skills recommended.
Grades 10-11
Prerequisite: Algebra 1

Geometry CP-B (MAT203) 5 Credits
The subject of this course is the development of Geometry with an emphasis on reasoning skills. Topics include parallel lines, congruent triangles, quadrilaterals, inequalities, similar polygons, right triangles, Pythagorean theorem, and basic trigonometric functions, circles, areas of plane figures and surface area/volumes of solids. Coordinate geometry, transformations, and constructions will be introduced. An introduction of a geometric proof will also be discussed.
Grades 10-11
Prerequisite: Algebra 1
MATHEMATICS

ALGEBRA 2:

Algebra 2 Honors (MAT201) 5 Credits
This is a demanding course covering topics of Algebra 2 and Trigonometry. Topics include sets, relations, functions, graphs, complex number systems, higher order polynomials, exponential and logarithmic functions, rational functions, conics, sequences and series, combinatorics, binomial theorem, and trigonometric functions. Mathematics as a deductive structure is emphasized and thorough applications of concepts are included.

Grades 9-11
Prerequisite: Algebra 1 and teacher recommendation

Algebra 2 CP-A (MAT302) 5 Credits
This course will examine various topics that will challenge students to take basic concepts from Algebra 1 and apply them to new ideas. Topics of study will include solving and graphing quadratic, polynomial, radical, exponential, logarithmic, and rational equations. Students will be using the graphing calculator to enhance learning. Students enrolled in the course should be planning to take Pre-Calculus, Statistics, or other upper level Math courses that will prepare them for college.

Grades 10-12
Prerequisite: Algebra 1 and teacher recommendation

Algebra 2 CP-B (MAT303) 5 Credits
This course covers the basic elements of a second-year algebra course. Topics include: equations, graphs, linear, quadratic, exponential, and logarithmic functions, rational expressions, and an introduction to complex numbers. Graphing calculators are used throughout the course.

Grades 10-12
Prerequisite: Algebra 1

PRE-CALCULUS:

Pre-Calculus Honors (MAT301) 5 Credits

CONCURRENT ENROLLMENT - SCCC - MATH110 & MATH112
This course is designed to strengthen algebraic skills and give students the math confidence to proceed with calculus and other higher forms of mathematics. Topics include the study of functions, graphing techniques, polynomial, rational exponential and logarithmic functions and systems of equations and inequalities. It emphasizes mastery of the basic concepts of trigonometry, vectors, and an introduction to concepts of Calculus. Topics include trigonometric functions, applied and analytical trigonometry, and an introduction to analytic geometry.

Grades 10-12
Prerequisite: Algebra II H or Algebra II A and teacher recommendation
MATHEMATICS

Pre-Calculus CP-A (MAT402)  5 Credits
This course includes an in-depth study of trigonometry, analytic geometry, functions, rational functions and graphical limits. Matrices, arithmetic and geometric series are studied as well. Students are introduced to the elementary concepts of Calculus.
Grades 11-12
Prerequisite: Algebra II and teacher recommendation

Principles of Pre-Calculus and Trigonometry CP-A (MAT405A)  5 Credits
This course will examine trigonometry and its many practical applications. It completes the formal study of the elementary functions that begin in Algebra I and Algebra II. It is designed for students who have demonstrated some difficulty mastering Algebra II. This course is a standard right-triangle approach to trigonometry, with a focus on understanding the definitions and principles of trigonometry and their applications to problem solving. Exact values of the trigonometric functions are emphasized.
Grades 11-12
Prerequisite: Algebra II

CALCULUS:

Calculus 3 (MAT409)  5 Credits
CONCURRENT ENROLLMENT - NJIT - MATH211
Students will apply previously developed skills learned in Calculus to learn multi-variable Calculus and Vectors. Topics include vectors, partial derivatives, multiple integrals and vector fields to prepare students for further study in technological disciplines and more advanced mathematics courses.
Grade 12
Prerequisite: AP Calculus

AP Calculus BC  (MAT503)  6 Credits
This course is an extension of Calculus AB rather than an enhancement; common topics require similar depth of understanding. Content for this course includes the topics covered in college-level Calculus I and Calculus II. Students successfully completing this course will be prepared to take Calculus III their first year in college. This course also prepares students for the AP Calculus BC Exam designed by The College Board. Students enrolled in this course must take the AP Calculus BC Exam. Students enrolled in this course will lab out of Unit Lunch one day per rotation.
Grades 11-12
Prerequisite: Pre-Calculus and teacher recommendation
MATHEMATICS

AP Calculus AB (MAT502) 6 Credits
Content includes a multi-representational approach to calculus, with concepts results and problems being expressed graphically, numerically, analytically and verbally. Content for this course includes the topics covered in college-level Calculus I and about one-third of college-level Calculus II. Students successfully completing this course will be prepared to take Calculus II their first year in college. This course also prepares students for the AP Calculus AB Exam designed by The College Board which all students are required to take. Students enrolled in this course will lab out of Unit Lunch one day per rotation.
Grades 11-12
Prerequisite: Pre-Calculus and teacher recommendation

Calculus with Applications CP-A (MAT406) 5 Credits
CONCURRENT ENROLLMENT - SCCC - MATH113
Students who are interested in going into a STEM career or who are interested in taking a course to get credit for college through SCCC should consider this course. The introductory topics of this course include limits and continuity of functions, derivatives of functions, the definite integral, and their real-world applications. Students find derivatives numerically, represent derivatives graphically, and interpret the meaning of a derivative in applications. Previously studied functions will be analyzed using calculus concepts.
Grade 12
Pre-Requisite: Pre-Calculus and teacher recommendation

STATISTICS:

AP Statistics (MAT501) 5 Credits
Statistics is the science of collecting and analyzing data and is a required course for many college majors. Graphing calculators will be used to explore real life data. However, any student who anticipates taking Calculus in college should take this course only in addition to Pre-Calculus. This course prepares students for the Advanced Placement Test. Students enrolled in this course must take the AP exam in Statistics.
Grades 11-12
Prerequisite: Algebra II and Teacher Recommendation

Statistics CP-A (MAT401) 5 Credits
CONCURRENT ENROLLMENT - RAMAPO COLLEGE OF NJ - MATH 108
Everyday decisions or predictions are often based on data. These decisions or predictions would be easy if the data always sent a clear message, but the message is often obscured by variation. This course provides tools to make informed decisions, to construct viable arguments and to critique the reasoning of others. To become good consumers of data, students need to know which statistics to compare, which plots to use, and that the results of a comparison might depend on the question to be investigated and that leads to real-life actions to be taken.
Grades 11-12
Prerequisite: Algebra II
MATHEMATICS

ADDITIONAL COURSE OFFERINGS:

College Math CP-A (MAT410) 5 Credits

CONCURRENT ENROLLMENT - SCCC - MATH106

This course surveys several basic concepts of mathematics designed to give non-scientific/non-technical majors an understanding of the breadth of mathematics in areas other than computational application. Topics include: problem solving, the real number system, linear and quadratic equations, exponents and logarithms, graphs and functions, and graph theory.

Grade 12
Prerequisite: Algebra II

Applied Mathematics CP-B (MAT306) 5 Credits

Students will learn basic concepts of Algebra 2 with a concurrent focus on number sense, and foundational topics covered in Algebra I and Geometry. The ongoing review of critical concepts from Mathematics will help students prepare for standardized testing, and provide the deeper foundation necessary to succeed in Algebra 2. Students can fulfill their high school graduation in Mathematics by passing Algebra I, Geometry, and Applied Mathematics.

Grades 11-12
Prerequisite: Algebra I and Geometry

CALCULATOR REQUIREMENTS:

The department recommends the following calculators noted below.

Scientific Calculator: TI-30X IIS or TI-30 XS Multiview

Graphing Calculator: TI-84 Plus CE Graphing Calculator (permissible on the NJ EOY State Assessment and other high stakes tests)
**MATHEMATICS**

**Mathematics Internship  (MAT701)  2.5 Credits**

Students who secure an internship opportunity will meet with High Point's Director of Curriculum and Instruction to develop a unique service learning plan, as well as a contract outlining expectations and requirements for credit. The service learning plan will address The New Jersey Student Learning Standards; in particular 21st Century Life and Careers: 9.2 Career Awareness, Exploration, and Preparation. The internship plan will be tailored to the specific functions that of the particular experience. To receive credit, students must complete 30 hours of service learning, as well as a written research project and presentation.

**Grades** 11 and 12

**Prerequisite:** Administrative Approval of Internship Plan
**SCIENCE DEPARTMENT COURSE SEQUENCE**

**GRADE 9**
- **BIOLOGY**
  - Honors CP-A
  - CP-B

**GRADE 10**
- **CHEMISTRY**
  - Honors CP-A
  - CP-B

**GRADES 11-12**
(One of the following courses will fulfill the 3rd year of Science)

- **ENVIRONMENTAL SCIENCE**
  - AP Env. Science
  - Env. Systems CP-A (CE-Ramapo)
  - Env. Systems CP-B

- **PHYSICS**
  - AP Physics C (CE-SCCC)
  - AP Physics 1 (CE-SCCC)
  - Physics CP-A
  - Physics CP-B
  - AP Physics 2 (CE-SCCC)

**ADDITIONAL OFFERINGS**

**ADVANCED PLACEMENT:**
- AP Biology
- AP Chemistry

**ELECTIVES:**
- Anatomy and Physiology Honors (CE-SCCC)
- Forensic Science CP-A (CE-SCCC)
- Geology CP-A
- Introduction to Marine Science CP-A

*Semester Courses are italicized.*


**SCIENCE Supervisor Brian Drellick**

Students in the Classes of 2021, 2022, and 2023 will be required to take Biology, Chemistry, and either Physics OR Environmental Science/Systems in Grade 11 in order to meet the high school graduation requirement for Science. All other Science classes will meet the STEM requirement, or will serve as a pure elective.

**BIOLOGY**

Biology is the study of the relationship between living organisms. All levels include the topics of energy, cells, heredity, genetic code, evolution, classification, and anatomy and physiology. All students must pass Biology in order to graduate from High Point Regional High School.

**AP Biology (SCI501) 6 Credits**

This course is designed for the serious science-oriented student. It is the equivalent of a college introductory Biology course. The Advanced Placement Program of the College Board is designed to prepare students for the AP exam and advanced placement in college above the introductory level courses. Students enrolled in this course must take the appropriate AP exam. AP Biology is a college course taught in the high school setting. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of Biology.

**Grades 10-12**

**Prerequisites:** Biology and teacher recommendation

**Pre/Co-requisite:** Chemistry Honors

**Biology Honors (SCI201) 6 Credits**

This course has a strong emphasis on how the human body works from microscopic to macroscopic. It also highlights the connections between the human body and its environment. A year-long, required independent project is a cornerstone of this course. This course prepares students to pursue higher levels of Science, such as AP Biology and AP Environmental Science.

**Grade 9**

**Biology CP-A (SCI202) 6 Credits**

**Biology CP-B (SCI203) 6 Credits**

This is an introductory, laboratory-based course designed to study living organisms and their physical environment. Students should apply scientific methods of inquiry and research in examination of the following topics: chemical basis of life; cell structure, function, and reproduction; energy; molecular basis of genetics; natural selection and diversity; and ecology.

**Grade 9**
SCIENCE

CHEMISTRY

All Chemistry courses cover introductory inorganic chemistry. Topics of emphasis are the study of matter, its properties and structure, changes in matter and energies involved in those changes, reactivity, and stability. In addition, topics studied are atomic and electron structure, periodicity, chemical bonding, chemical nomenclature, formula and equation writing, stoichiometry, gas behavior, and solutions.

AP Chemistry (SCI502) 6 Credits

The AP Chemistry course is designed to be the equivalent of the general course usually taken during the first year of college and should be taken only after the successful completion of a first course in high school chemistry. Surveys of students who take the AP Chemistry Exam indicate that the probability of achieving a score of 3 or higher is significantly greater for students who successfully complete a first course in high-school chemistry prior to undertaking the AP course. Students in this course will attain a depth of understanding in fundamental chemical problems and competency in predicting and analyzing chemical reactions. The course will contribute to the development of the student’s ability to think clearly and to express their ideas with clarity and logic, both orally and in writing. This course relies heavily on the student’s ability to work with and comprehend difficult mathematical concepts. This course prepares students to take the AP Chemistry exam. Students enrolled in this course must take the appropriate AP exam.

Grades 11-12
Prerequisite: Chemistry and teacher recommendation
Recommended Co-requisites for 11th Graders Enrolled: AP Physics I and Pre Calculus Honors
Recommended Co-requisites for 12th Graders Enrolled: AP Physics I and Pre-Calc or higher

Chemistry Honors (SCI301) 6 Credits

Students will use systems thinking and modeling to explain phenomena and to give a context for the Chemistry concepts that will be introduced. Students will conduct investigations, solve problems, and engage in discussions on how Chemistry impacts the natural world around us. This course requires an increased dependence on a student’s algebraic skills, mathematical mindset, and number sense through frequent references to scientific notation, conversions, and fractions. The accelerated pace of the course provides for extended laboratory work, additional laboratory experiences, and advanced topic discussions.

Grades 10-11
Prerequisite: Biology and teacher recommendation
Recommended Co-requisite: H / A-Level Math

Chemistry CP-A (SCI302) 6 Credits
Chemistry CP-B (SCI303) 6 Credits

Students will use systems thinking and modeling to explain phenomena and to give a context for the Chemistry concepts that will be introduced. Students will conduct investigations, solve problems, and engage in discussions on how Chemistry impacts the natural world around us.

Grades 10-11
Prerequisite: Biology
**SCIENCE**

**PHYSICS**

**AP Physics 1 (SCI505) 6 Credits**

**CONCURRENT ENROLLMENT - SCCC - PHYS110**

This is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. Special relativity will be covered after the AP Physics 1 Exam is given in May. The ability to develop and use physics knowledge by applying it to the practice of scientific inquiry and reasoning is at the heart of this course. Investigations foster student engagement in the practice of science through experimenting, analyzing, making conjectures and arguments, and solving problems in a collaborative setting. College department chairs and subject matter experts reviewed each element of this course. They identified the key concepts and skills the student should learn – and confirmed that the design of this course offers students a solid foundation for further science coursework in college as well as advancement to AP Physics C (calculus based). Students will be required to take the AP Physics 1 Exam.

**Grades 11-12**

**Prerequisites:** Teacher recommendation AND:

**Math Co-requisite:** Algebra 2 or higher

**AP Physics 2 (SCI506) 6 Credits**

**CONCURRENT ENROLLMENT - SCCC - PHYS112**

This course is a continuation of AP Physics 1 and covers: thermodynamics, laws of thermodynamics, ideal gases, and kinetic theory; Fluid statics and dynamics; Electrostatics: electric force, electric field and electric potential; DC circuits and RC circuits (steady state only); magnetism and electromagnetic induction; geometric and physical optics; quantum physics, atomic and nuclear physics. The ability to develop and use physics knowledge by applying it to the practice of scientific inquiry and reasoning is at the heart of this course. Investigations foster student engagement in the practice of science through experimenting, analyzing, making conjectures and arguments, and solving problems in a collaborative setting. College department chairs and subject matter experts reviewed each element of this course. They identified the key concepts and skills the student should learn – and confirmed that the design of this course offers students a solid foundation for further science coursework in college. Students will be required to take the AP Physics 2 Exam.

**Grades 11-12**

**Prerequisites:** Teacher recommendation AND:

**Science Prerequisite:** AP Physics I or Physics CP-A

**Math Prerequisite:** Algebra II

**Math Co-requisite:** Pre-Calculus or higher
Program of Studies 2019-2020

**SCIENCE**

**AP Physics C (SCI507)  6 Credits**

**CONCURRENT ENROLLMENT - SCCC - PHYS120**

This course is a second year, calculus based, college level physics course intended for science and engineering majors. Special permission may be granted to students concurrently enrolled in AP Calculus BC to take this course as a first year physics course. This course parallels the first two semesters of college physics taken by physics and engineering majors and is fast paced, typically covering one chapter per week. This course places a very heavy emphasis on problem solving. The textbook used is a calculus based college textbook. The main topics covered in this course are Classical Mechanics, Electricity, and Magnetism. Students will be required to take the AP Physics C Mechanics and AP Physics C Electricity and Magnetism exams.

**Grade 12**

**Prerequisites:** Teacher recommendation AND:

**Science Prerequisite:** AP Physics I or Physics CP-A

**Math Prerequisite:** Pre-Calculus

**Math Co-requisite:** AP Calculus AB or AP Calculus BC

**Physics CP-A (SCI402)  6 Credits**

**Physics CP-B (SCI403)  6 Credits**

This course will qualify as a student’s third year of lab science. This course is an algebra based physics course intended to prepare students interested in possibly pursuing a STEM field for a college science course. Students will use systems thinking and modeling to explain phenomena and to give a context for the Physics concepts that will be introduced. The textbook used is an algebra based college textbook and topics include Mechanics, Waves, Electricity, Fluids, and Modern Physics. Lab experiments are conducted regularly to develop key concepts, and will reinforce multiple concepts found in Technology and Engineering courses.

**Grades 11-12**

**Science Prerequisite:** Chemistry

**Math Prerequisite:** Algebra I

**Math Co-requisite (SCI402):** Algebra II or higher

**ENVIRONMENTAL SCIENCE SYSTEMS**

**AP Environmental Science (SCI504)  6 Credits**

This college level course is designed to be equivalent to an introductory college level course in Environmental Science. Guidelines provided by the College Board are followed. The goal is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental Science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Students enrolled will be required to take the AP exam in May.

**Grades 11-12**

**Prerequisite:** Chemistry and Teacher recommendation
SCIENCE

Environmental Systems CP-A (SCI410)  6 Credits
Environmental Systems CP-B (SCI411)  6 Credits

CONCURRENT ENROLLMENT - RAMAPO COLLEGE OF NEW JERSEY - ENV. SCI. 103
These courses emphasize laboratory exercises and real world problem solving techniques with a concentration on project-based investigations, using a backdrop of Earth and Environmental Science. Since students will have prior exposure to both Biology and Chemistry, the course will focus more on the physical systems of our planet (qualitative and quantitative analysis, structure and function, tectonics, cause and effect, and temporal and spatial investigations), as well as the human impact on Climate, Energy, and Sustainability. Environmental Systems addresses topics that are traditionally NOT covered in the current Biology and Chemistry courses, and will provide students an opportunity to experience first hand the natural world around us.

Grades 11-12
Prerequisite: Chemistry

THE ENVIRONMENTAL SCIENCE EXPERIENCE

ELECTIVES: (Class of 2021/2022/2023 - Will not count toward 3 required years of Science)

Anatomy and Physiology Honors (SCI407)  6 Credits

CONCURRENT ENROLLMENT - SCCC - BIOS103
Anatomy and Physiology Honors is a rigorous full year Science course for students who have completed Biology. It introduces students to the structures and functions of the human body and provides a solid foundation for students intending to pursue degrees and careers related to the medical field. This lab-oriented course includes anatomical terminology, basic biochemistry, cells and tissues, and the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary, and reproductive systems. Laboratory investigations include comprehensive dissections of each system, histology, model construction, and a wide variety of inquiry-based physiology labs.

Grades 11-12
Prerequisite: Biology
SCIENCE

Forensic Science CP-A (SCI404)  6 Credits
CONCURRENT ENROLLMENT - SCCC - CHEM107
In this course, students will discuss the field and laboratory techniques used in actual crime scene investigations. The students will participate with hands-on experiences needed to conduct the standard laboratory procedures such as the analysis of: hair/fiber, documents, blood, DNA, and fingerprints. This course requires independent reading and work throughout the year.
Grades 11-12
Co/Prerequisite: Chemistry

Introduction to Marine Science CP-A (SCI405)  3 Credits
This course is for the student with an interest in the many aspects of the marine environment and will focus on the study of different parts of the ocean including the deep sea and coastal ecosystems. Students will also have the opportunity to consider how humans are impacting oceans on a global scale and they will study the geology of the oceans, marine organisms, and the interrelationship of marine and terrestrial environments. The course includes lectures, projects, movies, discussions, case studies, experiments and field trips. The intention is to bring the student's classroom knowledge into the field by participating in real-time lab activities.
Grades 10-12
Prerequisite: Biology

Geology CP-A (SCI406)  3 Credits
Geology is a survey of the physical processes operating on and in the earth and the results of these processes through time. The formation of minerals and lavas, types of volcanoes, and the creation of sedimentary and metamorphic rocks make up the first third of the course; this introduces the materials of the earth. The course next covers large-scale topics such as the age of the earth, earthquakes and their resultant damage, how continents and sea floors are created, a brief history of the world, and an outline of the great unifying theory of geology, plate tectonics. The last third of the course discusses how surface processes such as wind, waves and changes in the environment affect the deserts, glaciers shorelines, and groundwater, and how these changes affect our way of life.
Grades 11-12
SCIENCE

Science Internship  (SCI701)  2.5 Credits

Students who secure an internship opportunity will meet with High Point’s Director of Curriculum and Instruction to develop a unique service learning plan, as well as a contract outlining expectations and requirements for credit. The service learning plan will address The New Jersey Student Learning Standards; in particular 21st Century Life and Careers: 9.2 Career Awareness, Exploration, and Preparation. The internship plan will be tailored to the specific functions that of the particular experience. To receive credit, students must complete 30 hours of service learning, as well as a written research project and presentation.

Grades 11 and 12

Prerequisite: Administrative Approval of Internship Plan
Program of Studies 2019-2020

BUSINESS DEPARTMENT COURSE SEQUENCE

COMPUTER TECHNOLOGY PATHWAYS

- Introduction to Computer Science CP-A
- AP Computer Science Principles
- AP Computer Science
- Web Page 1 CP-A (CE-SCCC)
- Cybersecurity CP-A
- Computer Concepts 1 CP-A
- Computer Concepts & Applications CP-A
- Computer Concepts 1 CP-B

FINANCE PATHWAY

- Accounting 1 CP-A
- Accounting 2 Honors (CE-Ramapo)
- Accounting 3 Honors

MARKETING PATHWAY

- Principles of Marketing CP-A
- Marketing II: Advertising & Sales CP-A
- Sports, Entertainment, Hospitality, and Tourism CP-A

ADDITIONAL OFFERINGS

- BUSINESS ADMINISTRATION COURSES:
  - Introduction to Business CP-A
  - Entrepreneurship CP-A
- COMPUTER TECHNOLOGY COURSES:
  - Cybersecurity CP-A
- FINANCE COURSES:
  - Personal Finance CP-A / Virtual
  - Managing Your Money CP-B / Consumer Skills CP-B
  - Introduction to Investing CP-A
- MARKETING COURSES:
  - Fashion Marketing and Merchandising CP-A
- WORK STUDY PROGRAM:
  - Work Study CP-A
  - Cooperative Work Study Concepts and Applications

Semester Courses are italicized.
BUSINESS  

Supervisor Brian Drellick

BUSINESS ADMINISTRATION

The skills obtained in these courses will be useful in college and business, and provide 21st century skills for workplace readiness. Students are encouraged to participate in Future Business Leaders of America (FBLA), a national business leadership service organization which trains students through participation in competitive events.

FBLA is a co-curricular activity.

Introduction to Business CP-A (BUS628)  2.5 Credits

Discover what the exciting world of business has to offer. Introduction to Business is a course that provides the framework for pursuing additional business classes and careers. This course familiarizes students with personal finance, economics, entrepreneurship, management, marketing, law, risk management, banking, and careers in business. The significance and application of business ethics and etiquette are also included.

Grades 9-12

Entrepreneurship CP-A (BUS620)  2.5 Credits

Do you have what it takes to start your own business? This course focuses on starting a business, research and planning, marketing, management, financing, and growth. If you are not afraid to take risks, seek more independence, and have a high desire for achievement, then you will want to take this course to understand why entrepreneurs are willing to take the risk of starting new businesses.

Grades 9-12
BUSINESS

COMPUTER TECHNOLOGY

Introduction to Computer Science CP-A (BUS617) 2.5 Credits

Computer science drives job growth and innovation throughout our economy and society. More than half of projected jobs in STEM fields are in computing occupations; computing occupations dominate “help wanted” ads, and computer science is one of the hottest degrees for new college graduates. Further, computer science is fundamental knowledge all students need for the 21st century. This “Semester of Code” will present students with a foundational understanding of coding, computer programming, and computational thinking that provides lasting value across multiple disciplines and careers.

Grades 9-12

AP Computer Science Principles (BUS504) 5 Credits

Whether it’s 3-D Animation, engineering, music, app development, medicine, visual design, robotics, or political analysis, computer science is the engine that powers the technology, productivity, and innovation that drive the world. Computer science experience has become an imperative for today’s students and the workforce of tomorrow. The AP Program designed this course with the goal of creating leaders in computer science fields and attracting and engaging those who are traditionally underrepresented with essential computing tools and multidisciplinary opportunities. The AP Computer Science Principles course will complement AP Computer Science and will focus on the fundamentals of computing, including problem-solving, large-scale data, the Internet, and cybersecurity. Students are required to take the AP Exam.

Grades 10-12

Prerequisite: Algebra I

Recommended Prerequisite: Intro to Computer Science, Web Page Design, Computer Animation, or Engineering Design Technology II

AP Computer Science A (BUS501) 5 Credits

According to the Bureau of Labor Statistics, Computer Science is a top paying college degree and computer programming jobs are growing at two times the national average. This course is designed to prepare students to take the Advanced Placement examination in computer science. This course enables the student to develop skills in writing logically structured, well documented programs, using the object oriented programming in the Java programming language. APCS is recommended for students who have a strong interest in computer science and are willing to spend extra time beyond the classroom that this course may require. Students are required to take the AP Exam.

Grades 11-12

Prerequisite: Algebra I and AP Computer Science Principles
BUSINESS

Web Page Design 1 CP-A (BUS611)  2.5 Credits
CONCURRENT ENROLLMENT - SCCC - WEB DESIGN
This course is intended for the student interested in learning how to create web pages for the World Wide Web. Students will learn Hypertext Markup language (HTML), a language used for structuring and presenting content for the World Wide Web and a core technology of the Internet. Students will also learn Cascading Style Sheets (CSS) which is a style sheet language used for describing the presentation semantics (the look and formatting) of a document written in a markup language. Emphasis will be placed on design elements and principles, which describe fundamental ideas about the practice of good visual design. Projects are created using a variety of text-editing and image-editing software titles including Notepad++, Adobe Dreamweaver, Adobe Photoshop, and Adobe Fireworks. In addition, the student will learn how to work with basic JavaScripts.
Grades 9 - 12

Cybersecurity (BUS618)  2.5 Credits
Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students’ skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely. Units in the class will include digital citizenship and cyber hygiene, the abc's of cryptography, software security, and network fundamentals.
Grades 11 - 12

Computer Concepts 1 CP-A (BUS601A)  2.5 Credits
Computer Concepts 1 CP-B (BUS601B)  5 Credits
This course provides a thorough understanding of typing, word processing, the use of spreadsheets, databases, and the presentation software through the use of Microsoft Office and the G Suite for Education (formerly Google Apps for Education). Students will use both platforms and will draw conclusions on which best fits the needs of their task. Decision-making skills are stressed and cooperative learning is used to a high degree. Students will acquire the foundation knowledge required to for the Microsoft Office Certification offered in Computer Concepts and Applications.
**BUSINESS**

**Computer Concepts and Applications CP-A (BUS610) 5 Credits**
All components of Microsoft Office will be reinforced in this advanced course, notably Word, Excel, Access and PowerPoint. This is the #1 software used in business today. Many colleges expect their students to know how to successfully operate Office and skills acquired in this course will save all students hours of time in the future regardless of their career path. Enrolled students will be prepared to take the Microsoft Office Specialist exam and could earn certification. This course is highly recommended for all students.

**Prerequisite:** Computer Applications 1 / Computer Concepts
**Grades 10-12**

**FINANCE**

**Accounting 1 CP-A (BUS621) 5 Credits**
This course is the first in the Accounting series of three courses, and is a must for any student entering the world of business and finance. Students are introduced to the field of accounting as well as ways to self-manage their finances. They will learn how business transactions are recorded, reported, and interpreted by hand and with the use of computerized accounting software. They will learn about paying expenses, receiving revenues, and balancing a checkbook. Accounting procedures for a sole proprietorship as well as a merchandising business will be the focus. This course builds a foundation for Accounting 2 and 3. So, plan ahead to be able to complete all courses. This course is appropriate for all levels of students.

**Grades 9 - 12**

**Accounting 2 Honors (BUS622H) 5 Credits**
**CONCURRENT ENROLLMENT - RAMAPO COLLEGE OF NEW JERSEY - ACCT221**
This course is the second course within the Accounting series. This course will introduce students to specific areas of accounting: Payroll Accounting, Corporate Accounting, Partnerships, as well as introductory knowledge of Managerial and Cost Accounting. Students will incorporate their newly acquired knowledge of Accounting 1 by more fully utilizing Quickbooks while learning the step-by-step process of financially running a business.

**Grades 10 - 12**
**Prerequisite:** Accounting 1

**Accounting 3 Honors (BUS623H) 5 Credits**
This course completes the Accounting series. Using a variety of mediums, this course is designed for the student who has successfully completed Accounting 1 and Accounting 2, and who will most likely take an Accounting course in college. Students will complete an accounting cycle for merchandising and publicly-held corporations, using various business simulations and several computerized accounting programs. Students completing this series will be prepared for entry-level accounting positions, and/or to meet the challenge of college business courses.

**Grades 11-12**
**Prerequisite:** Accounting 2
BUSINESS - THE "FINANCIAL LITERACY REQUIREMENT"

New Jersey requires all students to complete 2.5 credits in Personal Finance in order to graduate from high school. High Point provides students with the following menu of options that are designed to serve the needs of all students.

AP Microeconomics (SS512) / AP Macroeconomics (SS513)  2.5 Credits (for Each Course)
Please see the course description in the Social Studies section of the course catalog.

Personal Finance CP-A (BUS665)  2.5 Credits
Personal Finance is a course designed to inform students how their individual choices directly influence occupational goals and potential earning power. Real world topics covered will include income, money management, spending, and the use of credit, as well as saving and investing. Students will design personal and household budgets; simulate the use of daily banking, demonstrate knowledge of finance, debt, and credit management; and evaluate and understand insurance and taxes. This course will provide a solid foundation for making informed personal financial decisions.

Grades 11 - 12

Personal Finance Virtual CP-A (BUS664)  2.5 Credits
This online only course addresses the same concepts addressed in Personal Finance CP-A (BUS665) coupled with the added flexibility of a virtual learning environment. There will not be any specific student-teacher meeting time; all correspondence will take place virtually. For more information on the specific expectations for students enrolled in this course, please review the Personal Finance Virtual Course Expectations.

Grades 11 - 12

Managing Your Money CP-B (BUS662)  2.5 Credits

Consumer Skills CP-B (BUS660)  5 Credits
These courses are designed to inform students how their individual choices directly influence occupational goals and potential earning power. Real world topics include:

• Banking
• Credit
• Housing Choices
• Taxes
• Investing
• Insurance

Grades 11-12
BUSINESS

Introduction to Investing CP-A (BUS 624) 2.5 Credits
This course will provide students with a basic understanding of investments, including portfolios, definitions used in investing, the role of various markets, risk, securities, assets, and diversification by learning through theories and practice, and applying them to real world situations through The Stock Market Game. This course does not satisfy the Personal Finance Requirement.

Grades 11-12
Recommended Pairing: Personal Finance, Entrepreneurship, or Intro to Business

MARKETING

These courses are designed to prepare students for employment in various retailing, service, commercial, and distribution occupations. Students are encouraged to join DECA, a national marketing organization with training in competitive events.

Principles of Marketing CP-A (BUS633) 5 Credits
This course is designed as an introduction to basic concepts in marketing, retailing, and business. Students will acquire the background necessary to apply for a job, stay employed, and function adequately at various marketing/retailing jobs. The student will study marketing categories such as: interpersonal skills, communication skills, US and world economies, cash register operation, effective customer relations, risk & insurance, and pricing. Guest speakers and field trips may supplement the course content. Participation in DECA is suggested.

Grades 9 - 12
BUSINESS

Marketing II: Advertising & Sales CP-A (BUS646) 5 Credits
This course is an in-depth program for the college or career-minded student with an emphasis in the following areas: marketing and business fundamentals, personal selling, human relations, advertising, display, promotion, publicity, public relations and career planning. Students will create and evaluate advertising layouts for various forms of media (TV, radio, magazine, and newspaper) as well as perform sales demonstrations. Participation in DECA is strongly suggested in this course, with an emphasis on competitive event preparation. DECA-related activities and curriculum will be used as part of all Marketing courses.
Grades 10-12
Prerequisite: Principles of Marketing

Sports, Entertainment, Hospitality, and Tourism Marketing CP-A (BUS632) 5 Credits
This course is designed to give students an overview of careers in the sports, entertainment, hospitality, and tourism industries. It is for the student who may plan to pursue either a college degree or future employment in Sports, Entertainment, Hospitality or Tourism Management or Marketing. Major emphasis of study will include but may not be limited to: introduction of marketing concepts through the marketing of a professional sports team (Fantasy Football projects), contracts and negotiations, the importance of Sports/Entertainment/Hospitality/Tourism to our economy, media and promotion, sponsorships, event management, licensing, restaurants and food service, hotel and lodging, travel and tourism, recreation, amusements and attractions, executing the operation of an event or simulation, emerging trends in the industries and available career opportunities. Participation in DECA is strongly suggested in this course. DECA-related activities and curriculum will be used as a part of all Marketing courses.
Grades 10-12
Prerequisite: Principles of Marketing or Advertising & Sales

Fashion Marketing and Merchandising CP-A (BUS639) 2.5 Credits
This course is designed to introduce the student to the terminology, fundamentals, and categories of the fashion industry. Students will become familiar with the buying, merchandising, and marketing of apparel and accessory classifications such as: clothing, handbags, shoes, jewelry, neckwear, belts, and cosmetics. Students will also explore current fashion trends, popular designers in the industry, fashion schools, and the various stages of display development. Guest speakers and field trips may supplement the course content. Participation in DECA is optional and suggested.
Grades 9-12
BUSINESS

WORK STUDY PROGRAM

Business and Marketing Studies

Students who will seek admittance to this program in their senior year are encouraged to take Driver Behind the Wheel Training at age 16, so they are eligible for their license at age 17, since they must be able to provide their own transportation. This program provides the senior student with the opportunity to relate their skills to the workplace while earning money. Through a cooperative arrangement between the school and community employers, students spend a part of the day in school and a part in an approved office, related commercial/retail establishment, or engineering firm, depending on completion of prerequisite. The program is comprised of the related classroom course and up to three periods of released time for paid work experience. Fifteen credits are earned upon successful completion of the course.

Cooperative Work Study Concepts and Applications  (SED 80)  15 Credits

The related course covers life skills content related to money management and career preparation. Money management topics covered include banking, taxes, using credit, maintaining a checking account, making major purchases, independent living, consumerism, civic financial responsibility, and insurance. Included in the career preparation area are job searching, resumes, understanding paychecks, dealing with different bosses and co-workers, how to work as part of a team, workplace communications, worker accountability and productivity, safety on the job, and ethics in the workplace.

Prerequisites: None

Work Study CP-A  (BUS651)  15 Credits

The related course covers life skills content related to money management and career preparation. Money management topics covered include banking, taxes, using credit, maintaining a checking account, making major purchases, independent living, consumerism, civic financial responsibility, and insurance. Included in the career preparation area are job searching, resumes, understanding paychecks, dealing with different bosses and co-workers, how to work as part of a team, workplace communications, worker accountability and productivity, safety on the job, and ethics in the workplace.

Prerequisites:

<table>
<thead>
<tr>
<th>Category</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business</td>
<td>Combination of two Business, Computer, or Finance Courses; second course can be taken concurrently.</td>
</tr>
<tr>
<td>Marketing</td>
<td>Two Marketing Courses; second course can be taken concurrently.</td>
</tr>
</tbody>
</table>

Note: Both of these courses fulfill the Financial Literacy graduation requirement.
WORK STUDY PROGRAM

Business Internship (BUS701) 2.5 Credits
Students who secure an internship opportunity will meet with High Point's Director of Curriculum and Instruction to develop a unique service learning plan, as well as a contract outlining expectations and requirements for credit. The service learning plan will address The New Jersey Student Learning Standards; in particular 21st Century Life and Careers: 9.2 Career Awareness, Exploration, and Preparation. The internship plan will be tailored to the specific functions that of the particular experience. To receive credit, students must complete 30 hours of service learning, as well as a written research project and presentation.

Grades 11 and 12

Prerequisite: Administrative Approval of Internship Plan

Career Exploration (BUS562) 5 Credits
12th-grade students who wish to participate in career exploration through the use of hybrid schedule consisting of traditional classroom instruction as well as employment, would be well suited to take Career Exploration. This program will allow students to take five classes during Blocks 1, 2, 3 and 4, as well as during the Unit Lunch block. Students will earn 25 credits before being dismissed at 11:45 to participate in the workforce. The Career Exploration class will run during Unit Lunch each day. Enrollment is limited, and students must apply through guidance to participate in this program.

Grade 12

Prerequisite: Administrative Approval
Program of Studies 2019-2020

DEPARTMENT OF TECHNOLOGICAL STUDIES COURSE SEQUENCE

TECHNOLOGICAL AND ENGINEERING STUDIES

- Biotechnology CP-A
- Engineering Design Technology 1 CP-A
- MakerLab CP-A
- Power, Energy, and Transportation 1 CP-A
- Women in Engineering CP-A
- Engineering Design Technology 2 A/H
- Engineering Design Technology 3 Honors
- Engineering Design Technology 4 Honors
- Power, Energy, & Transportation 2
- Power, Energy, & Transport. 3 Honors
- Power, Energy, & Transport. 4 Honors

INDUSTRIAL AND VOCATIONAL STUDIES

- Media Technology 1 CP-A
- Media Technology 2 A/H
- Media Technology 3 Honors (CE-SCCC)
- Media Technology 4 Honors
- Media Technology 4 Honors
- CADD 1 CP-A
- CADD 2 for Rapid Prototyping CP-A
- CADD 3: Engineering Graphics Honors (CE-NJIT)
- Architecture CP-A
- Architecture 2 CP-A
- Architecture 3 Honors
- Architecture 4 Honors
- Computer Animation CP-A
- Video Game Design CP-A
- Material Processing 1 CP-A
- Material Processing 2 CP-A
- Construction and Manufacturing CP-A
- Adv. Construction and Manufacturing CP-A

ADDITIONAL OFFERINGS

- Digital Branding your Future CP-A
- Engineering Design Technology 1 CP-B
- Material Processing 1 CP-B
- Media Technology 1 CP-B

Semester Courses are italicized.
TECHNOLOGICAL STUDIES

The following programs are designed to prepare all students for a wide variety of college and career options, and represent the “T” and “E” in STEM. Technology Student Association (TSA), Engineering Club, and competitive events, including robotics and media, are co-curricular opportunities.

TECHNOLOGICAL AND ENGINEERING STUDIES

Biotechnology CP-A (TEC611) 5 Credits
Biotechnology is a distinct technological area of human adaptive behavior. Biotechnology involves the design of techniques and systems utilizing living organisms, or their parts, to accomplish some purposeful goal. Biotechnology is utilized within food production, medical procedures, environmental restoration, and many other aspects of our lives. Biotechnology uses living cells and materials produced by cells to create pharmaceutical, diagnostic, agricultural, environmental and other products to benefit society.
Grades 9 - 12

Digital Branding your Future CP-A (TEC670) 2.5 Credits
Be a certified social media guru! Digital branding is a technique that uses a combination of internet imprinting and digital marketing to develop a personal and professional brand over a range of digital venues, including internet-based relationships, device-based applications or media content. With a projected 25% annual growth over the next five years, it’s time to invest in your social media brand. Learn how to use the power of social media to enhance your educational or professional career goals. Help colleges and employers gain incite to who you are. Get certified in social media platforms and promote your future.
Grades 11-12
TECHNOLOGICAL STUDIES

Engineering and Design Technology 1 CP-A (TEC631)  2.5 Credits
Engineering and Design Technology 1 CP-B (TEC631B)  5 Credits

This semester course emphasizes the application of integrated STEM (Science, Technology, Engineering, and Mathematics) principles and the design method to invent solutions to real world technological problems. Students will identify problems, use internet research, and design and fabricate models or prototype solutions. Problem solving and design skills are taught through a variety of activities. Hands-on themes for this level include, but are not limited to: structural, fluid powered, and robotic systems. This course provides all students with valuable skills such as: problem solving, design, creative thinking, systems thinking, team work, documentation, and computer applications.

TEC631/B: Grades 9-12

Engineering and Design Technology 2 CP-A (TEC632)  5 Credits
Engineering and Design Technology 2 Honors (TEC632H)  5 Credits

Engineering Design Technology II will re-emphasize the problem solving experiences from the entry courses in order to design and develop more complex, integrated solutions. Students will expand their knowledge of STEM (Science, Technology, Engineering and Mathematics) principles with a greater focus on electronic systems by applying concepts related to circuit design, component identification, math/science applications, and schematic development. An emphasis on mechanical advantage and gear systems will also be introduced. All students will have an opportunity to participate in local engineering competitions and begin the development of a comprehensive graduation portfolio of their work.

Grades 10-12
Prerequisite: MakerLab, Power, Energy and Transportation, Principles of/or Engineering Design Technology 1, Principles of Mechanical Movement, Women in Engineering, or Communication Technology.
HONORS level requires teacher recommendation.

Engineering and Design Technology 3 Honors (TEC633)  5 Credits

This honors level course will challenge students to apply the foundations of physical technology into the design, programming, construction, and manipulation of complex technological systems, with a specific focus on robotics. Students will apply many STEM (Science, Technology, Engineering, and Mathematics) principles that underlie the real life systems that are common to most engineering disciplines. The course will evolve with a greater emphasis on both technical and 21st Century Skills, including technical documentation, material manipulation, research, drawing techniques, critical thinking, problem solving, communication, and collaboration. The students will enter engineering design competitions and continue/complete their graduation portfolio of their work.

Grades 11-12
Prerequisite: Engineering and Design Technology 2 and teacher recommendation. Concurrent enrollment in Math and Physics is strongly recommended.
TECHNOLOGICAL STUDIES

Engineering and Design Technology 4 Honors  (TEC634)  5 Credits
This capstone course will challenge students to apply several STEM (Science, Technology, Engineering, and Mathematics) skills in order to address a variety of real world problems using sophisticated forms of robotics technology. Mastery of electronic control systems, kinematics and forces, machine design (fasteners, gears, pulleys, belt drives), safety and construction techniques, and computer programming are essential. Students will continue to master their ability to think critically, problem solve, collaborate, and communicate with others in order to meet the demands of each challenge. Opportunities to compete on regional and state levels will be available and participation is expected. Students will serve as mentors, discuss college/career options, and will complete the graduation portfolio of their work.

Grade 12
Prerequisite:  Engineering and Design Technology 3 Honors and teacher recommendation. Concurrent enrollment in Math and Physics is strongly recommended.

MakerLab CP-A  (TEC607)  2.5 Credits
Interested in bringing various STEM principles to life? Do you like to tinker, figure out how stuff works, curious about the Maker Movement around us? Earn valuable exposure to the designed world, familiarize yourself with our world-class facilities, and experience a hands-on opportunity to design, explore, and create using a variety of resources, including the 3D printers and engravers. This will serve as a valuable prerequisite to multiple department classes and focus on valuable skills such as: problem-solving, design, creative thinking, systems thinking, teamwork, documentation, and computer applications.

Grade 9 Only
Could serve as a prerequisite for:  Engineering Design Technology 2 and/or Power, Energy, and Transportation 2

Power, Energy, and Transportation Technology 1 CP-A  (TEC651)  2.5 Credits
Concerned about rising fuel costs? Are you interested in how or if alternative fuels will affect our dependence on foreign imports? Are you curious to see what STEM (Science, Technology, Engineering, and Mathematics) is really all about? This course is designed to introduce students to various power, energy, and transportation systems. Power systems, land, and marine transportation technology will be addressed. A heavy emphasis on alternative fuels, including solar, hydrogen, diesel, electric, and ethanol will be discussed. Students will work with simulated, hands-on activities including land, hybrid roving vehicles, vehicular design, small internal combustion engines, and marine transport systems with the objective of applying acquired knowledge in order to solve real life situations. This is the first level of a planned four level program.

Grades 9-12
TECHNOLOGICAL STUDIES

Power, Energy, and Transportation Technology 2 CP-A  (TEC652)  5 Credits
This course concentrates on a wide range of STEM (Science, Technology, Engineering, and Mathematics) areas related to Power, Energy, and Transportation Technology. The specific focus will be on hands-on problem solving activities involving several transportation systems in which the students will work together in lab activities designed to reinforce the content presented. Students will continue to explore sources of alternate energy in order to better understand the need for energy management in our society, with specific attention to wind and solar energy. Emphasis on power systems is enhanced as the students continue to acquire and apply the knowledge that is presented. Students will have an opportunity to participate in local engineering competitions and begin the development of a comprehensive graduation portfolio of their work.

Grades 10 - 12
Prerequisite: MakerLab, Power, Energy, and Transportation Tech 1, Principles of Mechanical Movement, Principles of/ or Engineering Design Technology, Women in Engineering, or Communication Technology.

Power, Energy, and Transportation Technology 3 Honors  (TEC653)  5 Credits
This advanced level course will continue to explore the areas of technology that relate to Power, Energy, and Transportation. It will require students to participate in challenging, hands-on design, and problem solving activities that will reinforce core STEM principles, specifically land, marine, air, and space transportation. Furthermore, applications of alternative energy will be addressed through real-world issues and potential solutions. The course will evolve with a greater emphasis on both technical and 21st Century Skills, including technical documentation, material manipulation, research, drawing techniques, critical thinking, problem solving, communication, and collaboration. The students will enter engineering design competitions and continue/complete their graduation portfolio of their work.

Grades 11-12
Prerequisite: Power, Energy, and Transportation Tech 2 and teacher recommendation. Concurrent enrollment in Math and Physics is strongly recommended.

Power, Energy, and Transportation Technology 4 Honors  (TEC654)  5 Credits
This capstone course will require students to conduct in-depth research, develop solutions, and construct working prototypes that solve complex problems/opportunities related to Power, Energy, and Transportation. Mastery of STEM concepts, namely mechanical, electronic, structural, programming and evaluation skills related to transportation systems and alternative energy are essential. Students will continue to master their ability to think critically, problem solve, collaborate, and communicate with others in order to meet the demands of each challenge. Opportunities to compete on regional and state levels will be available and participation is expected. Students will serve as mentors, discuss college/career options, and will complete the graduation portfolio of their work.

Grade 12
Prerequisite: Power, Energy, and Transportation 3 with teacher recommendation. Concurrent enrollment in Math and Physics is strongly recommended.
TECHNOLOGICAL STUDIES

Women in Engineering Design and Technology CP-A (TEC619) 5 Credits
This course will provide students with knowledge of various fields of engineering and experiences with the engineering design process through participation in problem solving and design activities. Activities such as structural engineering, TSA, and entry level robotics are incorporated into this course. Hands on activities will motivate students to consider engineering as a career option. Studying STEM fields and applying the engineering design process to solve real world problems will provide relevant, real world experience. Students will also have the opportunity to partake in multiple field trips that provide exposure to professional, STEM related careers.
Grades 9-12

INDUSTRIAL AND VOCATIONAL STUDIES

Architecture 1 CP-A (TEC601S) 2.5 Credits
This course will focus on architectural drawing, design, and planning. Students will learn how to use computers and sophisticated software to model building structures. Students will then apply knowledge about basic residential design and planning to create their own "dream home". Students will produce a complete set of detailed architectural drawings and scale model.
Grades 9-12

Architecture 2 CP-A (TEC602) 5 Credits
Students will learn about sustainable, green, and energy efficient design practices that are quickly becoming the standard in modern day building design and planning. Emphasis will be placed on design elements and principles as students learn about advanced drawing and presentation techniques. Students will spend more time looking and thinking about both modern day and historical works to help broaden their understanding of architecture.
Grades 10-12
Prerequisite: Architecture 1 or Principles of Architecture

Architecture 3 Honors (TEC603) 5 Credits
Students will build various computer and physical models of both existing and self-designed structures. An emphasis on construction techniques, new technologies, and alternative structures will take place. Students enrolled in this course will also be eligible to become an Autodesk Certified User in Autodesk Revit by passing the certification exam.
Grades 11-12
Prerequisite: Architecture 2 and teacher recommendation
TECHNOLOGICAL STUDIES

Architecture 4 Honors (TEC604) 5 Credits
This capstone course will require students to conduct in-depth research, develop solutions, and construct models that solve complex problems related to Architectural Design and Engineering. Students will design and develop a comprehensive electronic and print design portfolio.
Grade 12
Prerequisite: Architecture 3 and teacher recommendation

Computer Aided Design and Drafting 1 CP-A (TEC621) 2.5 Credits
This first year course is designed to introduce the students to CAD software as well as hand drafting technique. Units include lettering, dimensioning, the care and use of drafting instruments, sketching, orthographic projection, sectional views, and geometric construction. An introduction to 3 dimensional modeling will also be covered. This series of courses is valuable to many industrial and engineering careers.
Grades 9-12

CADD 2 for Rapid Prototyping - (TEC618) 2.5 Credits
This second year course introduces fundamental concepts of Adobe Illustrator and Adobe Photoshop, and expands upon an established understanding of Autodesk Inventor that all students will need to effectively operate a variety of different rapid prototyping machines, including the 3D printers and laser engraver. As technology changes, skills acquired will streamline future experiences in STEM courses and provide more resources for for design, prototyping, and modeling across a wide array of courses.
Grades 10-12
Recommended Prerequisites: CADD 1, Architecture 1, Engineering Design Technology, Power, Energy, & Transportation Technology 2, or MakerLab

CADD 3: Engineering Graphics Honors (TEC710) 5 Credits
CONCURRENT ENROLLMENT - NEW JERSEY INSTITUTE OF TECHNOLOGY - MET 103
This concurrent enrollment course with NJIT is designed for students who are interested in pursuing a STEM related major. Basic principles of Engineering Graphics, blueprint reading, and geometric construction are reviewed. Multi-view Projections and 3D visualization are introduced, and Inventor Professional is studied extensively. Using Inventor, students learn dimensioning and create sectional, auxiliary and detail/break views. Students enrolled in this course will also be eligible to become an Autodesk Certified User in Autodesk Inventor by passing the certification exam.
Grades 11-12
Prerequisite: CADD 2 for Rapid Prototyping, Engineering Design Technology, Power, Energy, & Transportation or teacher recommendation
TECHNOLOGICAL STUDIES

CADD 4: Advanced Engineering Graphics Honors- (TEC711)  5 Credits

This capstone course in Computer Aided Design and Drafting (CADD) provides students with a second opportunity to receive concurrent enrollment credits from the New Jersey Institute of Technology, and is intended for students seriously considering a major in a STEM field. Topics include but are not limited to experiences with the following CAD commands: blocks, move and copy, array, mirror, text, text styles, and 3D and isometric modes.

Grade 12
Prerequisite:  CADD 3: Engineering Graphics Honors

Computer Animation CP-A (TEC629)  5 Credits

This introductory course covers the creation of 3-dimensional objects and animation using 3D Studio Max. The course will cover the necessary skills to become proficient in working with 3-dimensional objects and animation. The course will cover creating a scene, basic modeling, lighting, materials, animation and rendering. Applications for computer animation such as architectural & engineering visualization, game development, and visual effects will also be explored. It is recommended that students be familiar with basic computer functions and computer file management.

Grades 10-12
Co/Prerequisite:  Graphic Design or Fine Arts 1

Material Processing 1 CP-A /B (TEC638 / TEC638B)  5 Credits

In Materials Processing I, students will learn to use hand and machine tools while working with various materials including wood, metal, and plastic. Students learn to design, build, and finish numerous products with an attention to detail and precision using a variety of processing technologies, developing skills and experience through hands on experience. Emphasis is placed on design, problem solving, the proper use of tools, safety, craftsmanship, and critical thinking.

Grades 9-12

Material Processing 2 CP-A (TEC640)  5 credits

Materials Processing 2 is an advanced level course that provides students with the opportunity to expand their material processing skills through hands on design with multiple materials. Students will employ critical thinking skills and their acquired knowledge to enhance research and preparation, justify material choices, and defend fabrication and fastening techniques. Available materials will include but not be limited to: woods, plastics, fiberglass, and metals.

Grades 10-12
Prerequisite:  Material Processing 1 or Prin. of Mechanical Movement or MakerLab with teacher recommendation

Construction and Manufacturing CP-A (TEC643)  5 Credits

This course gives the students the opportunity to explore their interests in the areas related to residential construction and manufacturing systems. This course will provide critical hands-on learning and will cover business plans, marketing of the product, advertising, sales, communication techniques, foundations, construction walls, and windows. Job opportunities in the manufacturing industry including management are covered in the course.

Grades 11-12
TECHNOLOGICAL STUDIES

Advanced Construction and Manufacturing CP-A (TEC644) 5 Credits
CONCURRENT ENROLLMENT - SCCC - BCST 101/103
This course gives the students the opportunity to expand their interests in the areas related to residential construction and manufacturing systems.
Grade 12
Prerequisite: Construction and Manufacturing

Media Technology 1 CP-A (TEC630) 2.5 Credits
Media Technology CP-B (TEC630B) 5 Credits
This course offers students a fundamental first hand, participative approach to the technical processes and operations necessary to produce digital videos. Techniques will include equipment set up, camera operation, script writing, storyboarding, lighting, editing, and directing. The production process will be developed by using Apple’s integrated software suite that includes iTunes (Apple Music), Photo, and iMovie, and GarageBand.
TEC 630/B Grades 9 - 12
Requirement: 8 GB Class 10 or Higher SDHC Flash Memory Card.

Media Technology 2 CP-A (TEC635) 5 Credits
Media Technology 2 Honors (TEC635H) 5 Credits
The Media Technology 2 course will concentrate on the three phases of the production process, the use of equipment (sound, lighting, video, editing), and processes utilized in the digital video industry. The emphasis of this course will be on studio / field work. Students will apply their experiences to produce music videos, sports highlights films, PSAs, commercials, contest, and various school and community based projects.
Grades 10 - 12
Prerequisite: Principles of Media Technology, Media Technology 1, or Media Technology (with teacher recommendation). HONORS level requires teacher recommendation.
Requirement: 16 GB Class 10 or Higher SDHC Flash Memory Card

Media Technology 3 Honors (TEC636) 5 Credits
This course addresses all major video production topics, including an overview of the video production process, video composition, program development, the operation of video camera systems, lighting equipment and techniques, audio equipment and recording, directing, editing principles, and digital software basics. Enrolled students are provided with systematic, hands-on coverage of the entry-level work skills expected in the video industry.
Grades 11-12
Prerequisite: Media Technology 2
Requirement: 32 GB Class 10 or Higher SDHC Flash Memory Card
TECHNOLOGICAL STUDIES

Media Technology 4 Honors  (TEC637)  5 Credits

CONCURRENT ENROLLMENT - SCCC - COMMS130
Students will use their prerequisite experiences to develop high quality, full-length video programs for public information broadcasting on cable television and social media outlets. The course will emphasize use of advanced video and video editing technology skills. Strong teamwork and a strict adherence to deadlines to meet broadcast schedules are necessary elements for success. Disciplined and independent self-starters will prosper in this course. Students will direct and edit their own productions in addition to working on production teams for other school and community based projects. This course is best suited to self-motivated students who work well in small teams.

Grade 12
Prerequisite: Media Technology 3
Requirement: 32 GB Class 10 or Higher SDHC Flash Memory Card

Video Game Design CP-A  (TEC660)  5 Credits
This course will provide students with an understanding of how video games are designed and developed, the roles team members play within a design team, gaming genres, the elements of a scene, game design software and basic computer logic. Students will use knowledge from the course to create a playable video game. Students enrolled in this course will also be eligible to earn Unity Software Industry Certification.

Grades 10-12
Prerequisite: Computer Animation and teacher recommendation. Concurrent enrollment in any level of Computer Science is strongly recommended.
TECHNOLOGICAL STUDIES

WORK STUDY PROGRAM

Media and Engineering CP-A (BUS651) 15 Credits
CAD, Architecture CP-A (BUS651) 15 Credits

Students who will be seeking admittance to this program in their senior year are encouraged to take Driver Behind the Wheel Training at age 16 so they are eligible for their license at age 17, since they must be able to provide their own transportation. This program provides the senior student with the opportunity to relate their skills in the world of work while earning money. Through a cooperative arrangement between the school and community employers, students spend a part of the day in school and a part in an approved office, related commercial/retail establishment, or engineering firm, depending on completion of prerequisite. The program is comprised of the related classroom course and up to three periods of released time for paid work experience. Fifteen credits are earned upon successful completion of the course.

The related class covers life skills content related to money management and career preparation. Money management topics covered include banking, taxes, using credit, maintaining a checking account, making major purchases, independent living, consumerism, civic financial responsibility, and insurance. Included in the career preparation area are job searching, resumes, understanding paychecks, dealing with different bosses and co-workers, how to work as part of a team, workplace communications, worker accountability and productivity, safety on the job, and ethics in the workplace.

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<thead>
<tr>
<th>Category</th>
<th>Required Courses</th>
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<tbody>
<tr>
<td>Media</td>
<td>Completion of or concurrently enrolled in Media 3</td>
</tr>
<tr>
<td>Engineering</td>
<td>Completion of or concurrently enrolled in in EDT 3 or PETT 3</td>
</tr>
<tr>
<td>CADD</td>
<td>Completion of or concurrently enrolled in Engineering Graphics</td>
</tr>
<tr>
<td>Architecture</td>
<td>Completion of or concurrently enrolled in Architecture 3</td>
</tr>
</tbody>
</table>

Technological Studies Internship (TEC701) 2.5 Credits

Students who secure an internship opportunity will meet with High Point's Director of Curriculum and Instruction to develop a unique service learning plan, as well as a contract outlining expectations and requirements for credit. The service learning plan will address The New Jersey Student Learning Standards; in particular 21st Century Life and Careers: 9.2 Career Awareness, Exploration, and Preparation. The internship plan will be tailored to the specific functions that of the particular experience. To receive credit, students must complete 30 hours of service learning, as well as a written research project and presentation.

**Grades** 11 and 12

**Prerequisite:** Administrative Approval of Internship Plan
ENGLISH DEPARTMENT COURSE SEQUENCE

REQUIRED COURSE SEQUENCE

VIRTUAL ENGLISH SEQUENCE

ADDITIONAL ELECTIVES

- American Film CP-A
- Creative Writing CP-A
- Creative Writing Workshop CP-A
- Debate & Public Speaking CP-A/ Honors
- English/Language Arts Internship*
- Literature of the Holocaust & other Genocides CP-A
- Mystery and Suspense Literature CP-A*
- Science Fiction & Fantasy Literature CP-A*

* Semester Course
ENGLISH  

**SUPERVISOR ALDO DEODINO**

**English 9 Honors (ENG101) 5 Credits**

**English 9 CP-A (ENG102) 5 Credits**

**English 9 CP-B (ENG103) 5 Credits**

This course emphasizes an in-depth analysis of World Literature. Students will become critical readers and analyze literature beyond simple comprehension and literal interpretation. Students will have writing assignments, projects, and participate in activities related to the literature studied. This course provides diversified writing experiences, including general and specific themes, timed essays, and critical analysis. Homework is typically given on a long-term basis. Therefore, time management skills will be developed as the course progresses. Additionally, the course will emphasize the origins of major world masterpieces.

**English 10 Honors (ENG201) 5 Credits**

**English 10 CP-A (ENG202) 5 Credits**

**English 10 CP-B (ENG203) 5 Credits**

This course emphasizes an in-depth analysis of American Literature. This course focuses more intensely on interpretation of thematic concerns that appear throughout the study of American Literature. The students will be introduced to literary terms that they will then be responsible for referring to and using in subsequent assignments. The central purpose of the course is to study the literature within its historical context and perspective. Students will read and be responsible for using literary criticisms. This course will be centered upon students examining works of literary merit thematically and stylistically within the framework of a particular literary genre.

**English 10 CP-A Virtual (ENG205) 5 Credits**

This is a full year course in American Literature designed for the college bound student who successfully completed the previous year’s CP-A English course, and who also received a favorable teacher recommendation. The central purpose of the course is to study the literature within its historical context and perspective. The Virtual section of English 10 CP-A requires that students be proficient in using the computer, are self-motivated, and able to work independently. The course will not meet at a regularly scheduled time; all course work will be completed outside of a classroom but with very strict time-lines. Students enrolled will need to have access on a daily basis to the Internet. The platform that we will be using will allow for the course to be conducted in a password protected online environment. Students who elect this course must assess their ability to work on their own without face-to-face instruction.
ENGLISH

AP Literature and Composition (ENG501) 5 Credits
The primary purpose of this AP course is to prepare students for the AP Literature and Composition exam. The course will be conducted on a freshman college level. Consequently, the skills of interpretation, analysis, and writing introduced and practiced in an Honors program are assumed. Developing facility in the use of these skills is an integral part of the preparation for the AP Exam and, therefore, is also a major goal of the program. Generally, the course content will include a wide range of mature readings of literary merit. Methods of instruction will parallel typical classroom approaches in the Honors classes. Specifically, classroom discussion will be an integral part of the learning process. The teacher will act as facilitator to guide the students in learning through individual research and class discovery, especially in interpreting and analyzing the literature of the course. Lectures will be used sparingly; information and background will be brought into focus by the students. Students enrolled in this course are required to take the AP Exam.

Grade 11
Prerequisite: Teacher recommendation

English 11 CP-A (ENG302) 5 Credits

English 11 CP-B (ENG303) 5 Credits
This is a full year course in British Literature. By means of a historical, thematic approach, students will be introduced and exposed to the major works. Students will learn about and become familiar with the major works, authors, ideas, and trends from British literature. Thematic units combined with major genres and a variety of literary devices will be studied in depth, and the relevance of the material will be enhanced through the use of critical reading, writing, and thinking skills.

English 11 CP-A Virtual (ENG305) 5 Credits
This is a full year course in British Literature. It is designed for the college bound student who successfully completed the previous year's CP-A English course and who also received a favorable teacher recommendation. By means of a historical, thematic approach, students will be introduced and exposed to the major works. The Virtual section of English 11 CP-A requires that students be proficient in using the computer, are self-motivated, and able to work independently. The class will not meet at a regularly scheduled time; all course work will be completed outside of a classroom but with very strict time lines. Students enrolled will need to have access on a daily basis to the Internet. The platform that we will be using will allow for the course to be conducted in a password protected online environment. Students who elect this course must assess their ability to work on their own without face-to-face instruction.
ENGLISH

AP Language and Composition  (ENG502)  5 Credits
This college level course is ideal for students who love language and the manipulation of words and ideas. This course is also ideal for those interested in the art of debate and argumentation. A study of social issues and their treatment in the media will engage students in an analysis of rhetoric, propaganda, and the art of persuasion. Through a study of nonfiction and fiction writing, students will examine and practice writing for various purposes: to persuade, to inform, to express, and to describe. Students will study how authors create their desired effect: through diction, tone, imagery, figures of speech, and sentence structure. A study of visual literacy is a key component of the course. AP Language and Composition is a course in both effective writing and critical reading. Students who enroll in this course must take the appropriate AP Exam.

Grade 12
Prerequisite: Teacher recommendation

English 12 CP-A  (ENG402)  5 Credits
English 12 CP-B  (ENG403)  5 Credits
This course is designed to help seniors make the transition from writing literature-based high school essays to developing finished essays from a variety of academic disciplines. The primary objective of the course is to expose students to the types of writing assignments they may encounter in college. Students will be expected to draft and revise all of their essays, focusing their attention on structure, technique, and preparing an argument. Students will also complete writing assignments emphasizing the various rhetorical modes, such as comparison/contrast and cause/effect.

English 12 CP-A Virtual  (ENG405)  5 Credits
This full year course is designed to help seniors make the transition from writing literature-based high school essays to developing finished essays from a variety of academic disciplines. The primary objective of the course is to expose students to the types of writing assignments they may encounter in college. Students will be expected to draft and revise all of their essays, focusing their attention on structure, technique, and preparing an argument. Students will also complete writing assignments emphasizing the various rhetorical modes, such as comparison/contrast and cause/effect analysis. The Virtual section of English 12 CP-A requires that students be proficient in using the computer, are self-motivated, and able to work independently. The class will not meet at a regularly scheduled time; all course work will be completed outside of a classroom but with very strict timelines. Students enrolled will need to have access on a daily basis to the Internet. The platform that we will be using will allow for the course to be conducted in a password protected online environment. Students who elect this course must assess their ability to work on their own without face-to-face instruction.
ENGLISH

ENGLISH ELECTIVES

American Film CP-A (ENG655) 5 Credits
This course is an introduction to the critical study of film as a medium for literary expression. Films will be examined through the many different technical production components, including screenwriting, acting, directing, cinematography, sound and set design. In addition, films will be studied within the context of their various historical, social and political influences. This course will provide students with a background in the history, technique, genres, and the thematic communication of meaning through the medium of film. An emphasis will be placed on students participating in hands-on activities that will provide them with a direct experience in the critique, promotion, and production of a film. Film selections include but are not limited to: Casablanca, The Unforgiven, Do the Right Thing, Rear Window, L.A. Confidential.

Grades 10 -12

Creative Writing CP-A (ENG651) 5 Credits
Creative Writing is a course designed to appeal to a diverse group of young men and women: reluctant writers, musicians, poets, storytellers, as well as students who have never written before. Students will read and interpret a variety of poems and short fictional works by a variety of authors (classic to contemporary). Through a wide variety of energetic reading and writing activities, students will gain a sound understanding of the elements of a poem, poetic techniques, and the various forms that a poem can take. Students will also master an understanding of the elements of fiction and apply this understanding to their own written creations. Student projects will also include, but not be limited to: found poetry, personal narratives, short stories, perspective poetry, black-out poems, song lyrics, and many other student-friendly assignments. Aside from broadening students’ literary scope, helping them read with a critical eye, and exposing them to constructive criticism, this course will perhaps most importantly cultivate within them an aesthetic appreciation for the beauty of language. Students will be encouraged to submit at least two “perfected” pieces to Calliope, High Point's Literary and Arts Magazine. Students will participate in “rough draft workshops,” during which their writings will be read, discussed, proofread, and critiqued by fellow classmates and the teacher. Frequently throughout the year, students will also participate in “reading days.” An “open mic” approach is utilized to foster a sense of comfort and community in the classroom. In place of a traditional exam, students will be required to create and present a multi-faceted portfolio.

Grades 9 - 12
ENGLISH

Creative Writing Workshop CP-A (ENG661)  5 Credits
This course is specifically designed for the serious writer who has successfully completed Creative Writing and wishes to deepen his/her knowledge and appreciation of the craft. Students will be involved in the focused reading, analysis, and creation of varying works of poetry and prose. They will participate in and facilitate revision workshops, engage in long and short term writing assignments, and complete a variety of multifaceted independent study projects. Students who choose this elective must be committed, highly motivated writers who have a true passion for language and all its possibilities.

Grades 10-12
Prerequisite: Creative Writing and teacher recommendation

Debate and Public Speaking Honors (ENG667H)  5 Credits
Debate and Public Speaking CP-A (SS667)  5 Credits
This full year course will provide students with one the most essential skills needed for college and career readiness - the ability to effectively speak in front of an audience. Students will learn techniques on how to use body language and voice when debating, and they will develop the skill of both thinking on their feet, as well as developing a strong argument as part of their debate preparation. Coursework will include a combination of learning opportunities such as model congress, mock trial, moot court, and a variety of debate formats. If you love to debate, or wish you were better doing so, Debate and Public Speaking would complement your interests. This course will be taught through both the Language Arts and Social Studies departments.

Grades 10-12

Literature of the Holocaust and other Genocides CP-A (ENG656)  5 Credits
In this year-long course, students will be exposed to a variety of literary works, including diaries, memoirs, poems, documentaries, and films, dealing with the Holocaust and other Genocides that have occurred throughout history. Through their reading and exploration of these historic atrocities, students will come to understand the steps leading to genocide and how a certain race, religion, or part of a population becomes a scapegoat. Students will examine regional politics as well as the policies of the United Nations and the global community in an attempt to understand why intervention does and does not occur. Finally, issues of conscience will be discussed as students experience the works.

Grades 10-12
ENGLISH

Mystery & Suspense Literature (ENG657) 2.5 Credits
This course is designed for students who enjoy reading detective and suspense fiction. Throughout the course of the semester, students will characterize a popular literary genre explore its development, and understand its historical, cultural, political, social and psychological elements. The course will examine a variety of mysteries through novels, short stories, and films.
Grades 9-12

Science Fiction & Fantasy Literature (ENG658) 2.5 Credits
This course will engage students in the exploration of the social and cultural themes developed in various classic and contemporary works within the Science Fiction and Fantasy genres. Students will examine how these works have anticipated and continue to reflect change in our society. Students will analyze ethical and moral implications, both positive and negative, produced by technological advancement and will discuss the relationship between science and science fiction. The curriculum will include short stories, novels, essays, and poems by such authors as Isaac Asimov, Ray Bradbury, Stephen King, and others.
Grades 9-12

English/Language Arts Internship (ENG701) 2.5 Credits
Students who secure an internship opportunity will meet with High Point's Director of Curriculum and Instruction to develop a unique service learning plan, as well as a contract outlining expectations and requirements for credit. The service learning plan will address The New Jersey Student Learning Standards; in particular 21st Century Life and Careers: 9.2 Career Awareness, Exploration, and Preparation. The internship plan will be tailored to the specific functions that of the particular experience. To receive credit, students must complete 30 hours of service learning, as well as a written research project and presentation.
Grades 11 and 12
Prerequisite: Administrative Approval of Internship Plan
# Program of Studies 2019-2020

## Social Studies Department Course Sequence

### Required Courses

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<th>Grade</th>
<th>Course</th>
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<tr>
<td>9th Grade</td>
<td>World Studies AP: Modern CP-A CP-B</td>
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<tr>
<td></td>
<td>American Studies 1 Honors CP-A VIRTUAL CP-A CP-B</td>
</tr>
<tr>
<td>10th Grade</td>
<td>American Studies 2 AP CP-A VIRTUAL CP-A CP-B</td>
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<tr>
<td>11th Grade</td>
<td>AP Electives</td>
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<tr>
<td></td>
<td>Concurrent Enrollment Courses</td>
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<tr>
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<td>Additional Electives</td>
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### AP Electives

- AP European History
- AP Microeconomics
- AP U.S. Government & Politics
- AP Human Geography
- AP Macroeconomics
- Princ. of Behavioral Science Honors

### Concurrent Enrollment Electives

- Principles of Sociology - (CE w/ SCCC)
- Behavioral Science - (CE w/ SCCC)
- Principles of Behavioral Science Honors - (CE w/ SCCC)
- AP Microeconomics
- AP Macroeconomics

### Additional Electives

- * American Military History 1 CP-A*
- * American Military History 2 CP-A*
- * Civics & Government*
- * Debate and Public Speaking CP-A / H*
- * Social Studies Internship*
- * Street Law CP-A*
- * U.S. History through Film CP-A*

* Semester Course
SOCIAL STUDIES  

**AP World History: Modern (SS ____ TBD) 5 Credits**

The course will examine civilization from approximately 1200 C.E. through the Present. Students will study civilizations in Africa, the Americas, and Asia that are foundational to the modern era. This study of the organization of human societies through the centuries will allow students to understand the world we live in from an incredibly broad perspective. Completion of the course prepares students to take the AP World History: Modern Exam. Both parents and students should be prepared for an extremely rigorous curriculum which will prepare students to succeed in this and subsequent AP courses. Students enrolled in this course must take the appropriate AP Exam.

**Prerequisite:** Teacher recommendation

**World Studies CP-A (SS102) 5 Credits**

**World Studies CP-B (SS103) 5 Credits**

World Studies is a full year course designed for students who are skilled readers, critical thinkers, and proficient writers. This course traces world history from the Middle Ages through World War II. The Age of Revolutions including The French Revolution, The Industrial Revolution, and the Scientific Revolution, will be examined. Students will learn about the history of Africa, Latin America, and Asia. Students will examine the development of various nations, their struggles with political, economic, and social issues, and how those struggles affect us today. Each of these topics will be studied using a variety of educational materials. Students will have access to primary source documents, literature, and audio-visual material that enhance learning and are appropriate for this curriculum.

**U.S. History Honors (SS205) 5 Credits**

This class is the first half of the AP US History curriculum. Students will begin their two year study of American History, taught on a college level, and culminating in their taking the AP U.S. History exam in May of their 11th grade year. Thus, this course is a prerequisite for the second half of the AP US History Curriculum which students will take in 11th grade. The History Honors/AP courses cover material at a faster pace and in greater depth than the College Prep A courses. Students are required to complete several extended writing projects throughout the year. In addition, students are required to write several timed essays that are completed in class.

**Grade 10**

**Prerequisite:** Teacher recommendation
SOCIAL STUDIES

American Studies 1 CP-A (SS202)  5 Credits
American Studies 1 CP-A Virtual (SS202V)  5 Credits
American Studies 1 CP-B (SS203)  5 Credits

The curriculum will focus on the role played by the United States in the development of a modern world. Emphasis is placed on acquiring historical thinking skills, historical understanding, a clear sense of historical time, historical comprehension, historical analysis and interpretation, historical research, historical issue-analysis, appreciation of basic concepts established in historical development, as well as a fundamental understanding of the structure and operation of our government. Students will be encouraged and expected to study independently, work with others in a collaborative setting, write in an insightful, comprehensive style that reflects accurate historical information in a critical manner. Students will be expected to complete research projects that use primary source documents, Internet sources, and other teacher accepted research.

Grade 10

AP U.S. History (SS508)  5 Credits

This college-level course is designed to give students a chronological grounding in United States History and in major interpretive questions that are derived from the study of selected themes. Students examine a series of problems through specialized writing by historians and through supplementary readings, including original source documents. Completion of the course prepares students to take the Advanced Placement Test. Students enrolled in this course must take the appropriate AP exam. Those who earn appropriate scores on the AP test become eligible to earn college credit. Students can also earn college credits through concurrent enrollment with Sussex County Community College. Following this course, students typically elect to continue their studies in Advanced Placement courses: U.S. Government & Politics, Psychology, European History or Human Geography.

Grade 11

Prerequisite: Teacher recommendation
SOCIAL STUDIES

American Studies 2 CP-A (SS302) 5 Credits
American Studies 2 CP-A Virtual (SS302V) 5 Credits
American Studies 2 CP-B (SS303) 5 Credits

This course is the second part of a two-year comprehensive study of important events and personalities that created our nation. The curriculum will link current contemporary issues to past events, policies, and decisions. Emphasis is placed on acquiring historical thinking skills, historical understanding, a clear sense of historical time, historical comprehension, historical analysis and interpretation, historical research, historical issue-analysis, appreciation of basic concepts established in historical development, as well as a fundamental understanding of the structure and operation of our government. Students will be encouraged and expected to study independently, work with others in a collaborative setting, and write in an insightful, comprehensive style that reflects accurate historical information in a critical manner. Students will be expected to complete research projects that use primary sources documents, Internet sources, and other teacher accepted research.

Grade 11
SOCIAL STUDIES

ELECTIVES

American Military History I CP-A (SS688S) 2.5 Credits
This course is designed to give students an in-depth understanding of U.S. wars of the 18th and 19th Centuries and how these events helped shape the nation. Topics of study are the American Revolution, U.S. Civil War, and the rise of the United States as a key player on the world stage. Other topics include the War of 1812, the many Indian Wars, Manifest Destiny and war with Mexico, and the leadership of Theodore Roosevelt at the turn of the century.

Grades 9 - 12

American Military History II CP-A (SS689) 5 Credits
This course will focus primarily on the wars of the 20th Century and give students an in-depth understanding of how and why the United States has emerged into a global, military superpower. A critical analysis of American foreign policy will enhance students’ ability to function as knowledgeable citizens. Topics of study will include WWI, WWII, the Cold War, Korea, Vietnam, Wars in the Middle East, the rise of Islamic Fundamentalism, and the continuing War on Terror into the 21st Century.

Prerequisite: American Military History I. 12th graders may enroll without taking American Military History I.

Grades 10-12.

Civics & Government 11-12 CP-A (SS663) 2.5 Credits
The United States Constitution is a “living, breathing document,” and this course will explore the rights and responsibilities of citizens in a democratic society. Topics such as free speech, states’ rights, responsible citizenship, political participation, elections, role of media, and civil rights will be explored. Students will acquire a base of knowledge which will enable them to be more active and responsible citizens—essential for these young adults who are about to become eligible to vote. All Civics students will complete an active citizenship project requiring them to develop and demonstrate their ability to solve problems. Students will identify and propose a solution for a problem which exists on a local level. This half-year course is one of the options students may take to meet the Civics graduation requirement for the Class of 2018.

Grades 11-12
SOCIAL STUDIES

Debate and Public Speaking Honors (ENG667H) 5 Credits
Debate and Public Speaking CP-A (SS667) 5 Credits

This full year course will provide students with one the most essential skills needed for college and career readiness - the ability to effectively speak in front of an audience. Students will learn techniques on how to use body language and voice when debating, and they will develop the skill of both thinking on their feet, as well as developing a strong argument as part of their debate preparation. Coursework will include a combination of learning opportunities such as model congress, mock trial, moot court, and a variety of debate formats. If you love to debate, or wish you were better at doing so, Debate and Public Speaking would complement your interests. This course will be taught through both the Language Arts and Social Studies departments. This course will be offered on two levels: Honors and CP-A.

Prerequisite: Teacher recommendation
Grades 10-12
AP ELECTIVES

AP European History (SS510) 5 Credits
This college-level course is designed to provide students with a fascinating study of the past 500 years of European History. Learn about the “continent of origin” for millions of Americans as you study from the Renaissance to the European Union. Completion of the course prepares students to take the Advanced Placement Test. Students enrolled in this course must take the appropriate AP exam.

Grades 10-12

AP Human Geography (SS505) 5 Credits
This college-level course will have students examining the relationship between human beings and the planet they inhabit. The class will cover a basic overview of geographical regions, as well as study the interconnectedness of people and places throughout history. Completion of the course prepares students to take the Advanced Placement Test. Those who earn appropriate scores on AP tests become eligible to earn college credit. Students enrolled in this course must take the appropriate AP exam. Students must be enrolled in the course to take the AP exam.

Prerequisite: Teacher recommendation

Grades 9-12

AP Macroeconomics (SS513) 2.5 Credits (for Each Course)

CONCURRENT ENROLLMENT - SCCC - ECON 101

AP Microeconomics (SS512) 2.5 Credits (for Each Course)

CONCURRENT ENROLLMENT - SCCC - ECON 102

These two semester college level courses are taught in a year-long sequence based upon the College Board's AP Exams and will afford students the opportunity to earn 6 college credits, as well as, fulfill the financial literacy graduation requirement. STUDENTS MUST REGISTER FOR BOTH AP MICROECONOMICS AND AP MACROECONOMICS. The first part of the sequence is Advanced Placement Microeconomics. Students will explore economic principles that apply to the functions of individual decision-makers, both consumers and producers, within the larger economic system. It will also emphasize the nature and functions of product markets, and include the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. The second part is Advanced Placement Macroeconomics. Students will explore economic principles as they apply to an economic system as a whole. It will emphasize economic aggregates: aggregate national income and output, aggregate consumption, aggregate investment, government spending, taxation, money and banking, monetary policy, and international trade. The course will also reinforce the student's familiarity with economic performance measures.

Prerequisite: Teacher recommendation

Grades 10-12
SOCIAL STUDIES

Principles of Behavioral Science Honors  (SS655)  5 Credits
(*GPA Weighting = to AP courses)

CONCURRENT ENROLLMENT - SCCC - PYSC101
This college-level course will provide students with a broad, contemporary view of the field of behavioral science. Students will study how psychologists use research methods and critical analysis to understand human behavior. This course is geared to augment the basic concepts taught in CP-A Behavioral Science. The concept of self, consciousness, the unconscious, motivation, personality, social interaction/influence, abnormality/adjustment, therapy, and life span are all areas that will be studied during this course. Students will be required to do a significant amount of outside reading, and assessments will cover some material which students are responsible to study outside of class.

Grades 11-12

Prerequisite: Teacher recommendation

AP U.S. Government and Politics  (SS506)  5 Credits
This college-level course is designed to provide an analytical perspective on government and politics in the United States. The course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. Completion of the course prepares students to take the Advanced Placement Test. Students enrolled in this course must take the appropriate AP exam.

Prerequisite: Teacher recommendation

Grades 10-12
SOCIAL STUDIES

Behavioral Science CP-A  (SS654)  5 Credits
CONCURRENENT ENROLLMENT - SCCC - PYSC101
This is an introductory survey course studying human relationships and behavior. It will provide the student with a broad and current view of content and method of studying human behavior. Special emphasis will be placed on comparing and contrasting the different schools of thought that comprise our understanding of the nature of being human. Students will explore the area of human interaction and the need for man to live effectively within a social setting. The concept of self, consciousness, the unconscious, motivation, personality, social interaction/influence, abnormality/adjustment, therapy, and Life Span are all areas that will be studied during this course. The student will be required to become an observer, recorder, and theorist on their own behavior. Emphasis will be placed on the investigation of student’s own personal behavior.

Grades 10-12

Principles of Sociology CP-A  (SS652)  5 Credits
CONCURRENENT ENROLLMENT - SCCC - SOCI101  5 Credits
Have you ever wondered why individuals and societies are so varied? What about the social forces that have shaped our very existence? Sociology is an elective course designed to allow students to understand, interpret, and evaluate societal norms and values that guide social interaction and group behavior. The quest to understand society is indispensable. Sociology examines how the social world influences the way we think, feel, and act. In understanding society we can better understand ourselves. More evidence is pouring in from fields like sociology, making it clear that there is much more to human nature than egoism and selfishness.

Prerequisite: Teacher recommendation

Grades 10-12

Street Law CP-A  (SS657)  2.5 Credits
Street Law is a half year course which will provide law related education, practical information, and problem solving strategies for legal issues in our society. The course will emphasize hands-on activities and classroom simulation of law related problems. Contemporary social issues such as organized crime, capital punishment, the prison system, the war on drugs, gangs, and gun control will be explored. There will be a strong emphasis placed on problems currently facing students in their daily lives. On completion of the course, the student will have a better understanding of the American Justice System and how best to function in a litigious society.

Grades 11-12
SOCIAL STUDIES

Social Studies Internship (SS701) 2.5 Credits

Students who secure an internship opportunity will meet with High Point's Director of Curriculum and Instruction to develop a unique service learning plan, as well as a contract outlining expectations and requirements for credit. The service learning plan will address The New Jersey Student Learning Standards; in particular 21st Century Life and Careers: 9.2 Career Awareness, Exploration, and Preparation. The internship plan will be tailored to the specific functions that of the particular experience. To receive credit, students must complete 30 hours of service learning, as well as a written research project and presentation.

Grades 11 and 12

Prerequisite: Administrative Approval of Internship Plan

U.S. History through Film CP-A (SS659) 2.5 Credits

U.S. History through Film is a half-year course. This course will challenge students to expand their appreciation of U.S. History by exposing them to films pertaining to every major time period in U.S. history. The course will have a large emphasis on developing students' ability to approach history with a critical questioning attitude. This ability to evaluate broad, thematic topics will enable them to apply those same skills to contemporary movements. Students will also use technological, artistic and language arts skills in their assessments of various films.

Grades 9 -12
FINE ARTS COURSE SEQUENCE

GRAPHIC DESIGN & DIGITAL EDITING

Graphic Design 1: Digital Editing *
Graphic Design 2: Drawing & Illustrator
Graphic Design 3: Applications
Fine Art 1: Foundation
Graphic Design: Illustration

DIGITAL PHOTOGRAPHY

Graphic Design 1: Digital Editing*
Digital Photography
AP Studio Art: 2-D Art & Design

FINE ARTS

Fine Art 1: Foundations
Fine Art 2: Adv. Foundations
Fine Art 3: Portfolio
AP Studio Art: Drawing

CRAFTS & SCULPTURE

Crafts 1: Ceramics & Mixed Media
Fine Art: Sculpture Honors
Crafts 2: Adv. Ceramics & Mixed Media

ADDITIONAL OFFERINGS

• Art History Honors
• AP Art History Independent Study
• Fine Art Internship*
• Visual Journaling CP-A

* Semester Course
FINE ART

Supervisor Aldo Deodino

FINE ART

Fine Art 1: Foundations - 1 (ART677) 5 Credits
This introductory level of art offers students a variety of art experiences that are designed to help them succeed in whatever disciplines they choose to study. Assignments are diverse and are carefully designed to promote creative thinking, imagination self reflection and real world applications. The elements of design and a wide variety of media and techniques are explored to expose students to diverse and far reaching world of art opportunities. This class is designed for the interested student; no special talents or skills are needed to enjoy and do well in this class.

Grades 9-12

Fine Art 2: Adv. Foundations (ART678) 5 Credits
Fine Art 2 is designed for students who enjoyed the breadth of study in FA1 and would like to further their studies and skills. Diverse cultures, historical insights, and a wide variety of media are all encompassed while giving the student more responsibility and heightened creative challenges. The student will be expected to expand on the development of their basic skills and demonstrate their understanding of art dynamics. Written as well as performance evaluations will be based on a more strict assessment level.

Grades 10-12

Prerequisite: Teacher recommendation

Fine Art 3: Portfolio Honors (ART606) 5 Credits
Fine Art 3 Portfolio is a performance-based course that offers serious art students the time and instruction to refine and polish their skills learned in the beginning courses. Assignments challenge the students to explore personal expression with various art media and advanced techniques. The students will focus on specific areas of study required by colleges and art schools for portfolio content. Students will begin to develop a portfolio to present to colleges or employers in art media and/or digital format.

Grades 11-12

Prerequisite: Teacher recommendation
FINE ART

AP Studio Art: Drawing (ART _____) 5 Credits
The AP Drawing course challenges students to develop technical skills and become familiarized with the functions of visual elements as they create an individual portfolio of work for evaluation at the end of the course. Concentrations will be in Drawing, 2-D Design, and 3-D Design. This course will be taught in conjunction with the Fine Art 3 & 4 Portfolio classes. Through studio practice and application of design concepts and informed decision making, students will assemble a body of artwork that demonstrates a high level of quality and growth over time of content, technique, and process. Students will investigate all three parts of their portfolios as required by the AP College Board: Quality, Concentration, and Breadth. All work will be digitally documented and critiqued throughout the year.

Grades 11-12

Prerequisite: Teacher recommendation

CRAFTS

Crafts 1 Ceramics & Mixed Media CP-A (ART675) 5 Credits
This first year course includes a heavy emphasis on the fundamentals of clay. They include hand building with coils and slabs to develop sculpting skills. As the year progress the potter’s wheel is introduced and techniques are developed using this technology to create ceramic pieces. This class also has an exploration of different materials, not limited too, but including: fiber construction, metal jewelry making, paper mache, and aluminum tooling.

Crafts 2: Adv. Ceramics & Mixed Media CP-A (ART676) 5 Credits
This second year course continues study on the potter’s wheel and introduces advanced ceramics, metal enameling, jewelry-making and stained glass. Emphasis is placed upon combining different media. Grade 12 students are encouraged to develop a portfolio.

Grades 11-12

Prerequisite: Teacher recommendation
FINE ART

Fine Art Sculpture Honors (ART655) 5 Credits
Emphasis will be on acquiring skills and knowledge gained from working three-dimensionally. This course will introduce the scope and methods of fine art sculpture using clay, plaster, metals, wood, fibers, plaster, found objects, and other media. In addition to individual creative endeavors, students will partake in group work to create larger works and installations. Hands-on work will be accompanied by reading and written studies in art history and architecture. Students will be presented with such problems as overcoming limitations of specific materials and the laws of nature, while focusing on inclusion of the elements and principles of art.

Grades 11-12

Prerequisite: Crafts 1, Fine Art 2, or teacher recommendation

AP 2-D Art & Design (ART_________TBD) 5 Credits
Course Description: A photographer is someone who combines the compositional skills of an artist, the analytical mind of a scientist, and the observational soul of a poet. In this course you will become all three as you study traditional photographic composition, and interpret the images you captured with your digital camera in the darkroom of computer software. Students will use the Adobe platform, including Photoshop and an introduction to Lightroom. Continues the study of aesthetic and technical theories and techniques of digital photography. Students will expand their knowledge of lighting techniques, color theory, and photojournalism. An extensive portfolio will be produced including artist statements.

Grades 11-12

Prerequisite: Teacher recommendation
FINE ART

GRAPHIC DESIGN

Graphic Design 1: Digital Editing CP-A (ART660S) 2.5 Credits
Graphic designers play a key role in our visual communication-based society. This is the first year foundation course for the Graphic Design Career Path Program. Students will be introduced to a variety of media and techniques, with emphasis on developing drawing skills. Elements of study will include illustration, advertising and package design, logos, typography and graphics. An introduction to the Macintosh computer platform and its imaging editing software and page layout programs will be explored.

Grades 9-12

Graphic Design 2: Drawing and Illustrator CP-A (ART662) 5 Credits
Visual communication is bringing our global societies together as one. This second year in the career path program encourages students to develop project ideas that require strong visual concepts and problem solving skills. The units of study are designed for career awareness in the graphic arts field as well. Graphic communications will be the focus of the assignments based on real world needs and advertising trends. Software will include Photoshop, In-Design, and Illustrator. Elements of study will begin to overlap as students incorporate typography and computer techniques as well as traditional methods of illustration and design to complete their presentations.

Prerequisite: Graphic Design 1 or Graphic Design 1: Digital Editing

Grades 10-12

Graphic Design: Illustration Honors (ART664) 5 Credits
Graphic designers work across several media and venues-traditional handmade design and digital design. In this third year of study, students will work with the Wacom tablets utilizing their drawing skills to learn and understand the finer points of illustration.

Prerequisite: Graphic Design 2: Drawing and Illustration

Grades 11-12
FINE ART

Graphic Design 3: Applications Honors (ART663)  5 Credits
Graphic designers work across several media and venues-traditional handmade design and digital design. In this third year of study, students will work with and seek our “clients” outside of the classroom to help resolve their visual communication needs. Problems in graphic communication are combined with exploratory and experimental studies combining color, drawing, photography, and typography. With successful completion of this third-year program, students will have a strong design background as well as a high level of competency using digital imaging and page layout programs.

Prerequisite: Graphic Design 2  or Graphic Design 2: Drawing and Illustration
Grades 11-12

DIGITAL PHOTOGRAPHY

Digital Photography CP-A (ART653)  2.5 Credits
Students will learn digital photography while working at their own individual skill level. Using a digital camera, they will explore lighting, color, texture, composition, and other subject matters, to achieve a solid grounding in both technical and creative photographic processes. The students will explore the techniques and applications of acquiring, manipulating, and outputting digitized photographic images utilizing Adobe Photoshop. Technical skills for digital photography are covered including refinement of exposure, post-image capture processing, and manipulation.

Prerequisite: Graphic Design 1 or teacher recommendation
Grades 11-12

AP Studio Art: 2-D Art & Design (ART___________TBD)  5 Credits
Course Description: A photographer is someone who combines the compositional skills of an artist, the analytical mind of a scientist, and the observational soul of a poet. In this course you will become all three as you study traditional photographic composition, and interpret the images you captured with your digital camera in the darkroom of computer software. Students will use the Adobe platform, including Photoshop and an introduction to Lightroom. Continues the study of aesthetic and technical theories and techniques of digital photography. Students will expand their knowledge of lighting techniques, color theory, and photojournalism. An extensive portfolio will be produced including artist statements.
FINE ART

ART HISTORY

Honors Art History (ART609)  5 Credits
This full year course is designed for the student who demonstrates above average writing skills, as well as insights into and interest in the world of art. This course follows the history of art from the prehistoric to the contemporary era. Cultural influences and expansive styles from all over the world will be explored. Western and Non-Western art, including architecture, painting, drawing, crafts, and sculpture will be studied. Students who choose this course should be prepared for a challenging and fast-paced workload. Students will also be required to complete summer work for this class. Assessments will include research projects, slide identification, written work, critiques, quizzes, and tests.

Grades 11-12

AP Art History Independent Study (U1027)  5 Credits
This independent study is student driven and course is to be taken concurrently with Honors Art History. Students will complete readings and assignments using an online learning forum to prepare for the AP Art History Exam in May. All students who take this course are required to take the AP Exam.

Grades: 10-12

ART ELECTIVES

Visual Journaling CP-A (ART656)  5 Credits
This course will allow students the opportunity to express and chronicle their life experiences, emotions, and ideas in a sketchbook format. Through a series of projects and assignments, students will explore written art, printmaking, and collage as they relate to various cultures. Students will explore topics such as the alphabet, codes and symbols, and the art of poetry. Student projects will reflect the creative interpretation of the unique yet universal ways in which we express ourselves. This course can be for the non-art major student. No prerequisite.

Grades 9-12

Art Internship (ART701)  2.5 Credits
Students who secure an internship opportunity will meet with High Point’s Director of Curriculum and Instruction to develop a unique service learning plan, as well as a contract outlining expectations and requirements for credit. The service learning plan will address The New Jersey Student Learning Standards; in particular 21st Century Life and Careers: 9.2 Career Awareness, Exploration, and Preparation. The internship plan will be tailored to the specific functions that of the particular experience. To receive credit, students must complete 30 hours of service learning, as well as a written research project and presentation.

Grades 11 and 12

Prerequisite: Administrative Approval of Internship Plan
PERFORMING ARTS COURSE SEQUENCE

CHOIR
- Concert Choir 1
- Concert Choir 2
- Concert Choir 3
- Concert Choir 4
- Concert Choir 4 Honors

THEATRE ARTS
- Theatre Arts 1
- Theatre Arts 2
- Theatre Arts 3 Honors
- Theatre Arts 4 Honors

INSTRUMENTAL MUSIC
- Concert Band 1
- Concert Band 2
- Concert Band 3
- Concert Band 4
- Concert Band 4 Honors

MUSIC THEORY
- Concert Band or Concert Choir
- Music Theory
- AP Music Theory

MUSIC TECHNOLOGY
- Music Technology CP-A
- Music Technology 2: Digital Editing & Recording CP-A
- Music Technology 3: Advanced Studio Recording Honors

Students in the choir or instrumental course sequence are encouraged to enroll in Theatre Arts courses, as well as the other courses offered within the department.

ADDITIONAL OFFERINGS
- AP Music Theory
- Music Theory CP-A
- Piano Lab CP-A*
- Performing Arts Internship*
- Dance 1*

* Semester Course
PERFORMING ART  
**SUPERVISOR ALDO DEDDINO**

**Concert Band 1 CP-A (ART640) 5 Credits**
**Concert Band 2/3/4 CP-A (ART642) 5 Credits**
**Concert Band Honors (ART 643) 5 Credits**

These full year courses are designed to develop an awareness of the factors contributing to a musical performance: individual tone, phrasing, intonation, sight reading, articulation, dynamics, style, and building a strong ensemble sound. Students who schedule Band are expected to possess a certain degree of proficiency upon entering the group. It is possible for beginners to participate in Band under certain circumstances with the Band Director’s permission. The Band performs at evening concerts and also at assemblies, and other special events. Attendance at these performances is a course requirement. Every Band member is scheduled for a group lesson, in addition to the regular Band rehearsals. The Marching Band, a separate organization, rehearses Wednesday evenings and plays at all the home and away football games throughout the season. All new members to the Band program are encouraged to participate in the Marching Band. Current Band members are encouraged, but not required, to participate in the Marching Band.

Band 1: **Grades 9-12**
Band 2/3/4: **Grades 10-12**
Band Honors: Teacher Recommendation

**Prerequisite:** It is recommended that 9th grade students complete either 7th or 8th Grade Band in middle school. Current students need to complete the previous year’s requirements to move on to the next level of Band.

**Concert Choir 1 CP-A (ART630) 5 Credits**
**Concert Choir 2/3/4 CP-A (ART632) 5 Credits**
**Concert Choir 4 Honors (ART634) 5 Credits**

A full year course designed to provide an atmosphere for the enjoyment and appreciation of all types of choral music. The improvement of voice quality, intonation, ability to read music, and overall development of musicianship is stressed in conjunction with the learning of each piece of music. The Chorus performs at evening concerts and also at assemblies, graduation, and other special events. Attendance at these performances is a course requirement. Chorus members receive individualized instruction in addition to regular chorus rehearsals.

Concert Choir year 1: **Grades 9-12**
Concert Choir year 2/3/4: **Grades 10-12**
Concert Choir 4 Honors: Teacher Recommendation

**Prerequisite:** Demonstrates a potential to sing in tune as part of an ensemble.
PERFORMING ART

Theatre Arts I CP-A  (ART670S)  2.5 Credits
This half year performance course is an introduction into the art of acting. Its purpose is to improve a students’ communication skills by participating in theater activities and exercises designed to increase organization, concentration, critical thinking, creativity, memorization, confidence, and self-awareness. Students will learn about performance techniques through exercises in pantomime, improvisation and scene study. They will also be introduced to the physical aspects of the theatre, theatre vocabulary, stage combat, technical theatre, directing, playwriting and they will have the opportunity to attend a professional theatre production in New York City.

Grades 9-12

Theatre Arts II CP-A  (ART622)  5 Credits
This second year course builds upon the skills learned and practiced in Theater Arts 1. Students will develop individual and ensemble performance techniques through the use of exercises in physical and technical awareness continuing with pantomime and improvisation.
Students will also become familiar with the physical aspects of the theater and will read, interpret, and perform scenes and plays from theater history. The curriculum will include student involvement in actual directing, blocking, staging, and acting.

Grades 10-12

Prerequisite: Theatre Arts I and teacher recommendation

Theatre Arts III Honors  (ART623H)  5 Credits
The purpose of this course is to further enhance and challenge skills and knowledge acquired in Theatre Arts I and 2. First, the students will continue to improve the communication process by participating in theater activities designed to increase each student’s organization, concentration, critical thinking, creativity, memorization, confidence and self-awareness. Secondly, students will continue to develop individual and ensemble performance techniques through the use of exercises in physical and technical awareness such as relaxation and improvisation. They will also become more familiar with the role and responsibility of the actor, the director, and the playwright in regard to character development, blocking, play analysis, and moment to moment reality in a given production. Students will also become familiar with various technical roles such as lighting, sound, and set. Students will trace the history of the theater and the American musical and they will read, interpret, observe, perform, and discuss scenes and plays from a variety of periods. Once again, this is a performance class and will involve actual directing, acting, writing, and designing.

Grades 11-12

Prerequisite: Theatre Arts II, and teacher recommendation
PERFORMING ART

Theatre Arts IV Honors (ART624) 5 Credits
The purpose of this course is to educate, reinforce, challenge, perform, and evaluate skills and knowledge acquired in Theatre Arts I, II and III at a collegiate level of study and performance. First, the students will target and challenge individual strengths and weaknesses in acting by participating in exercises designed to identify, improve, and sharpen each performer’s organization, concentration, critical thinking, creativity, memorization, confidence, and self-awareness. Secondly, the students will continue to develop and sustain individual and ensemble performance techniques through the use of various exercises in physical and technical awareness. They will also further increase and demonstrate their familiarity and experience with the roles, responsibilities, and skills of the actor and the director, in regard to character development, blocking, play analysis, and moment to moment reality in a given scene or production. Select students favoring technical theatre will continue to explore and challenge their knowledge of various backstage roles in theatre such as lighting, sound, stage management, set design, etc. All students will continue to trace the history of the theatre and they will read, interpret, observe, perform, analyze, and discuss scenes and plays from a variety of periods. This is a performance class and will involve actual directing, acting, and designing.

Grade 12

Prerequisite: Theatre Arts III, and teacher recommendation

Music Theory I CP-A (ART619) 5 Credits
This full year course provides a basic knowledge of pitch, rhythms, key signatures, scales, intervals, chord structure, diatonic chord progressions, in root position, and inversions. Correlating keyboard skills, sight-singing, and dictation are included. Students wishing to continue their musical studies in college are encouraged to enroll in this course to prepare them for the theory exam needed for college acceptance.

Grades 10-12

Prerequisite: Completion of Chorus or Band

AP Music Theory (ART502) 5 Credits
This course is for students who are interested in furthering their understanding of music theory. AP Music Theory is a continuation of Music Theory I and helps prepare students for the AP Music Theory Exam. The course is fast paced and covers material that a first and second semester college Music Theory class would cover. The course includes common practice theory from the music of Bach through Beethoven and into 21st century. Students who are interested in majoring or minoring in music in college are highly encouraged to take this course to help prepare them for college music classes.

Grade 10-12

Prerequisite: Music Theory I
PERFORMING ART

Music Technology CP-A (ART620) 2.5 Credits
This course explores the various uses of technology in the music world of the 21st century. Extensive hands-on work will be done using computers and synthesizers to arrange, compose, and orchestrate music using different software - Garageband, Pro-Tools, Sibelius, Finale, Logic. Students will work in fundamental areas such as harmony, form, timbre and orchestration, as well as arranging, audio engineering, stage set-up, producing, composition, and recording techniques. This course is intended for students who are planning on majoring or minoring in music in college, but not exclusive to only those students.
Grades 9-12

Music Technology 2: Digital Editing & Recording CP-A (ART625) 5 Credits
Music Technology 2 will expand on concepts taught in Music Technology. The course will delve further into recording live music, midi recording and editing, and explore the hardware and software used in today's music industry. There will be a focus on how different recording techniques and softwares are used in the creative process to achieve different sounds when recording. Students will be encouraged to collaborate with other students in the class and the school while working on different projects.
Grades 10-12
Prerequisite: Music Technology

Music Technology 3: Advanced Studio Recording Honors (ART626) 5 Credits
Music Technology 3 will give students the opportunity to engage and in the topics and activities of Music Technology but with more depth and intricacy. Students will expand upon important concepts in music theory, arrangement, and production in order to create finished productions. The recording process will involve a wider variety of recording methods and expansion of a students' tool kit. Mixing and mastering at this level demand that students understand and implement advanced audio manipulation techniques to create a balanced project. Students will be required to spend time in the field by recording, mixing, and mastering a live performance.
Grades 10-12
Prerequisite: Music Technology 2: Digital Editing & Recording
PERFORMING ART

Piano Lab CP-A  (ART645)  2.5 Credits
In this group piano class, students will learn the basics of piano technique, music notation and theory. They will learn to read music, play simple pieces, and improvise their own music. Access to a piano or keyboard outside of class is helpful but not necessary. This class is open to any students wanting to learn how to play piano. This class is not for students who have had one year or more of piano lessons. Choral and instrumental students who are planning to major or minor in music in college would benefit from an introductory course in piano, as most music majors must achieve a good level of piano proficiency.

Grades 9-12

Art Internship  (ART701)  2.5 Credits
Students who secure an internship opportunity will meet with High Point's Director of Curriculum and Instruction to develop a unique service learning plan, as well as a contract outlining expectations and requirements for credit. The service learning plan will address The New Jersey Student Learning Standards; in particular 21st Century Life and Careers: 9.2 Career Awareness, Exploration, and Preparation. The internship plan will be tailored to the specific functions that of the particular experience. To receive credit, students must complete 30 hours of service learning, as well as a written research project and presentation.

Grades 11 and 12
Prerequisite: Administrative Approval of Internship Plan

Dance I  (ART 650S)  2.5 Credits
Dance I is a performance-based class offered to students in grades 9-12. Major areas of study will include: anatomy and technique; history and critique; composition and performance. This course provides students with a variety of skill levels the opportunity to explore the work of American choreographers from the early stages of modern dance throughout the 21st century. Students participate in daily warm-up exercises, develop the skills and attitude required for artful dance, and collaborate with other members of the class in preparation for the end of semester performance assessment. Dance I may be taken for one or more semesters and may be eligible to count towards 2.5 credits in Physical Education.

Grades 9-12
WORLD LANGUAGE COURSE SEQUENCE

Students are encouraged to take a minimum of 2 years of a language for entrance to college, and 3 to 4 years for more competitive universities. The high school graduation requirement is 1 year.

**SPANISH**
- Spanish 1 CP-A
- Spanish 2 CP-A CP-B
- Spanish 3 Honors ( Concurrent Enrollment w/ SCCC)
- AP Spanish: Language & Culture ( Concurrent Enrollment w/ SCCC)
  - OR - Spanish 4 H

**FRENCH**
- French 1 CP-A
- French 2 CP-A
- French 3 Honors ( Concurrent Enrollment w/ SCCC)
- AP French: Language & Culture
  - OR - French 4 H

**GERMAN**
- German 1 CP-A
- German 2 CP-A
- German 3 Honors
- AP German: Language & Culture
  - OR - German 4 H

**AMERICAN SIGN LANGUAGE**
- ASL 1 - Virtual ( Concurrent Enrollment w/ Rowan)

**ADDITIONAL COURSE OFFERINGS**
- Spanish Language and Culture Through Film Honors
- Spanish Language and Culture Through Film CP-A
- World Language Internship*

**Arabic, Latin, Chinese, and Japanese**
Languages that High Point does not offer on campus in traditional class settings, such as Arabic, Latin, Chinese, and Japanese, are available to students via the High Point Virtual Academy. A full list of languages offered through the High Point Virtual Academy can be found at: [http://www.educere.net/myCourses.asp?pageID=4245.642](http://www.educere.net/myCourses.asp?pageID=4245.642)
WORLD LANGUAGES  Superintendent Aldo Deodino

Spanish 1 CP-A (FOR101)  5 Credits
German 1 CP-A (FOR103)  5 Credits
French 1 CP-A (FOR102)  5 Credits

High Point Regional offers instructional programs in German, Spanish, and French. The objectives for the first two years in all of the programs are similar, with each year leading to greater fluency and cultural awareness. The primary emphasis in the World Language Program is on achieving proficiency in the target language. The content of each course is structured around "topical" units, such as food, school, taking a trip, writing a letter, parts of the body, holidays, etc., that provide a basis for functional communication.

Grades 9-12

Spanish 2 CP-A (FOR201)  5 Credits
Spanish 2 CP-B (FOR211)  5 Credits
German 2 CP-A (FOR203)  5 Credits
French 2 CP-A (FOR202)  5 Credits

The courses are designed to continue the topical approach and to provide more emphasis on communication and functional activities with new and more complex situations. The introduction of complex grammar structures and increased vocabulary enhance the students’ reading and writing skills. Since communication is still the goal of the language program, students are expected to answer questions and demonstrate comprehension based on the topics taught leading to increased competency and proficiency in functional and communicative activities. Students will also continue to explore the interrelationship between the language and culture of various countries where the target language is spoken.

Grades 10-12

Prerequisites: The first year of the language.
WORLD LANGUAGES

Spanish 3 Honors  (FOR301H)  5 Credits
CONCURRENT ENROLLMENT - SCCC - Spanish 3 Honors  SPAN 102 - Elementary Spanish II

German 3 Honors  (FOR303H)  5 Credits
French 3 Honors  (FOR302H)  5 Credits
CONCURRENT ENROLLMENT - SCCC - French 3 Honors  FREN 102 - Elementary French II

The Honors program is designed for students who have demonstrated exceptional language ability and motivation. Students are required to do more complex speaking, reading, and writing and to extend and apply grammatical concepts that are taught in class to new situations. Summer assignments are required in all courses. The Honors program is designed to meet the needs of students who anticipate taking the AP Language course during their fourth year. Any student who meets the criteria for the Honors level is encouraged to enroll in it.

Grade 11-12
Prerequisite: Teacher recommendation

AP Spanish Language and Culture (FOR501)  5 Credits
CONCURRENT ENROLLMENT - SCCC - AP Spanish Language & Culture - SPAN 201 - Intermediate Spanish I

AP German Language and Culture (FOR502)  5 Credits
AP French Language and Culture (FOR____ TBD)  5 Credits

These courses are designed for the most serious language-oriented student. The Advanced Placement Program of the College Board is designed to prepare students for the AP exam and an advanced placement in college above the introductory level courses. Students enrolled in this course must take the appropriate AP exam. AP language courses are taught in the high school setting and is designed to be taken after the successful completion of the appropriate level 3 Honors. Each AP course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. In order to best facilitate the study of language and culture, the course is taught in the target language. Students are required to take the corresponding AP Exam.

Grade 12
Prerequisite: Teacher recommendation
WORLD LANGUAGES

Spanish 4 Honors (FOR401) 5 Credits
German 4 Honors (FOR403) 5 Credits
French 4 Honors (FOR402) 5 Credits

The Honors program is designed for students who have demonstrated exceptional language ability and motivation. Students are required to do more complex speaking, reading, and writing and to extend and apply grammatical concepts that are taught in class to new situations. Summer assignments are required in all courses. The Honors program is designed to meet the needs of students who anticipate furthering their studies in the language. Any student who meets the criteria for the Honors level is encouraged to enroll in it and consider taking the AP level.

Grade: 12
Prerequisite: Teacher recommendation

American Sign Language 1 - Virtual (FOR107) 5 Credits

CONCURRENT ENROLLMENT - Rowan University * Pending approval

This Foreign Language course introduces students to American Sign Language as a World Language. Through interactive on-line activities and visual recordings, students will develop signing (expressive) and listening (receptive) skills. With this on-line course, students will use technology to access the ASL curriculum through the use an on-line platform, Canvas. For a potion of the course, students will learn materials in-class via videos created by the instructor. In addition to the on-line portion, live video conferencing will be provided along with individual one-on-one mentoring/conference sessions with the instructor. The class will be conducting "voice-off" meaning, no speaking, only singing. In addition to being able to communicate through visual gestural communication, students will be able to hold simple conversations in ASL and understand Deaf culture and how it impacts the local, national, and international Deaf communities.

Grade 11-12

Prerequisite: Students must not be enrolled in another World Language course. Students may take this course in addition to their other World Language class. While this course is conducted virtually, it will utilize an elective opening in a schedule.
World Languages

English as a Second Language Concepts and Applications CP-A (FOR ___ TBD) 5 Credits
High Point Regional offers this course for students whose first language is other than English and whose test scores indicate they have limited proficiency in English. While the course curriculum (which may span more than one year) addresses cultural topics, vocabulary, grammar, and interdisciplinary topics; it is also personalized to meet individual students’ needs. The ESL instructor also assists as a liaison between the students and their teachers and other school staff. The goal of the course is to develop students’ proficiency in English to a level at which they no longer need ESL support.
Grades 9-12

Spanish Language and Culture Through Film Honors (FOR305) 5 Credits
This course is designed to present historic events, historical figures, Hispanic Artists and, some current events, to increase familiarity with Hispanic cultures through film. Students will compare and contrast Hispanic culture with American culture and history. Students will read a variety of articles and pieces of literature in order to gain an understanding of the events/topics and then compare the literary pieces to the films. Grammar and vocabulary will be presented, combined with discussions, debates, and writing on various historical and cultural topics. The main goal of this course is to expose the students to various aspects of Hispanic history and culture. The majority of this course will be conducted in the target language. Most of the films that will be shown are in the target language, however some may have English subtitles.
Grades 11-12
Prerequisite: Spanish 2

Spanish Language and Culture Through Film CP-A (FOR205) 5 Credits
This course is designed to present historic events, historical figures, Hispanic Artists and, some current events, to increase familiarity with Hispanic cultures through film. Students will compare and contrast Hispanic culture with American culture and history. Students will read a variety of articles and pieces of literature in order to gain an understanding of the events/topics and then compare the literary pieces to the films. Grammar and vocabulary will be presented, combined with discussions, debates, and writing on various historical and cultural topics. The main goal of this course is to expose the students to various aspects of Hispanic history and culture. Some of the course will be conducted in the target language, such as key vocabulary words and expressions that they will hear, but the majority of the course will be conducted in English. Most of the films that will be shown are in the target language, however they will have English subtitles.
Grades 11-12
Prerequisite: Spanish 2
WORLD LANGUAGES

Arabic, Latin, Chinese, Italian, and Japanese

Languages that High Point does not offer on campus in traditional class settings, such as Arabic, Latin, Chinese, Italian, and Japanese, are available to students via the High Point Virtual Academy. A full list of languages offered through the High Point Virtual Academy can be found at: http://www.educere.net/myCourses.asp?pageID=4245.642

Grades 9-12

World Language Internship (FOR701) 2.5 Credits

Students who secure an internship opportunity will meet with High Point's Director of Curriculum and Instruction to develop a unique service learning plan, as well as a contract outlining expectations and requirements for credit. The service learning plan will address The New Jersey Student Learning Standards; in particular 21st Century Life and Careers: 9.2 Career Awareness, Exploration, and Preparation. The internship plan will be tailored to the specific functions that of the particular experience. To receive credit, students must complete 30 hours of service learning, as well as a written research project and presentation.

Grades 11 and 12

Prerequisite: Administrative Approval of Internship Plan
HEALTH AND PHYSICAL EDUCATION  Supervisor Todd VanOrden

The Health and Physical Education curriculum is a comprehensive program that promotes overall wellness. Ninth and tenth grade students will complete three mandatory Physical Education units per year.

Each unit will be a ½ marking period in length, and students will select two elective activities per marking period. All students will be expected to demonstrate and understand the following components of fitness:

**Body Composition, Cardiovascular Endurance, Flexibility, Speed, Reaction, Muscular Endurance, Muscular Strength, Agility, Balance, Coordination, and Power.**

All students will participate in a department fitness assessment program based on the Fitness Gram. Students will be assessed three times each school year.

Each Health unit will explore two health related areas and will be a marking period in length. The freshman health unit includes Harmful Substances and Driver Education. During the Harmful Substance segment of the unit, students will receive information ranging from alcohol and substance abuse and misuse, to the more complex issues facing teenagers and adults in today's society. Driver Education exposes students to all phases of driving and the responsibilities that are associated with driving. This is a theory class and does not include actual “Behind the Wheel” training.

The sophomore health unit includes Family Life and CPR/First Aid. Family Life topics include self-awareness, values, communications, and decision-making skills. While some sensitive issues are explored, the primary focus is to provide general information to support more in depth discussions during junior year Health. CPR/First Aid provides students with the opportunity to earn American Red Cross certification in First Aid, CPR, and the use of a defibrillator (AED).

The junior health unit includes Human Sexuality and Current Health Issues. Human Sexuality provides students with knowledge concerning birth control, pregnancy, birth, and parenting. Students will be given information that will enable them to make responsible decisions which will likely impact their future. Current Health Issues will provide information about the various health issues in our society today. Students will acquire an awareness of various community resources.

The senior health unit includes Current Health Issue Research and Defensive Driving. Current Health Research provides students with the opportunity to investigate and discuss some of the more perplexing health issues of their choice. Each student will be part of a group that produces a research paper as well as an oral report. The Defensive Driving segment of the unit is affiliated with the National Safety Council. Materials covered include hazard recognition, collision prevention, and driving violations. Students passing the safety test may be eligible to receive auto insurance reductions. Students who are on long term medical excuse from Physical Education classes should refer to the student planner or curriculum guide concerning credit retrieval for assignment options.
HEALTH AND PHYSICAL EDUCATION

ELECTIVES

Lifetime Fitness and Wellness CP-A  (PE601) 2.5 Credits
This half-year course is designed to encompass the major facets of Lifetime Fitness and Wellness. Research has shown that consistent exercise regimens and a good healthy diet can reduce a person’s chances of disease, decrease rates of physical injury, lead to improved brain function and produce feelings of wellbeing within the mind. This course will introduce the student to the basics of proper nutrition and the importance and the fundamental benefits of physical activity. This course will be much more specific than a standard PE course; classroom components will include muscle knowledge and function, nutrition, and training program theory. Physical components will include Cardiovascular Endurance, Muscular Strength building, Core Stability, Flexibility and Balance. Students who take this course will have the opportunity to increase their level of Physical fitness and take the knowledge and skills that they learn with them after the course has concluded.

Grades 10-12

Health and Physical Education Internship  (PE701)  2.5 Credits
Students who secure a an internship opportunity will meet with High Point’s Director of Curriculum and Instruction to develop a unique service learning plan, as well as a contract outlining expectations and requirements for credit. The service learning plan will address The New Jersey Student Learning Standards; in particular 21st Century Life and Careers: 9.2 Career Awareness, Exploration, and Preparation. The internship plan will be tailored to the specific functions that of the particular experience. To receive credit, students must complete 30 hours of service learning, as well as a written research project and presentation.

Grades 11 and 12

Prerequisite: Administrative Approval of Internship Plan
SPECIAL EDUCATION  Supervisor Gib Carter

A wide variety of program options are provided to students who are eligible for special education. Classified students are eligible to participate in the full range of special education and regular education courses according to their needs. The special education course offerings are listed below by program. Also available are the services of a full-time Child Study Team and Speech and Language Therapy.

RESOURCE CENTER PROGRAM

The Resource Center courses offer small group instruction in the following areas: English/Language Arts, Social Studies, Mathematics, Science, Health and Physical Education, and Work Experience. This program offers students the opportunity to focus on specific study skills including note-taking, assignment organization, homework completion, project planning and test preparation. The purpose of the program is to provide support and maximize success in specific general education courses. All courses follow each respective department’s standards-based curriculum. Students receive individualized attention with differentiated instructional and assessment strategies. Community Service requirements apply to all students in Resource Center classes. Resource Center course offerings are as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
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<tbody>
<tr>
<td>English 9</td>
<td>ENG010</td>
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<td>English 10</td>
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<td>ENG30</td>
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<tr>
<td>English 12</td>
<td>ENG40</td>
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<tr>
<td>English/Reading</td>
<td>ENG013</td>
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<tr>
<td>World Studies</td>
<td>SS010</td>
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<td>American Studies 1</td>
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<td>American Studies 2</td>
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<td>Basic Biology</td>
<td>SCI20</td>
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<tr>
<td>Physical Science</td>
<td>SCI30</td>
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<tr>
<td>Exploring Forensics</td>
<td>SCI40</td>
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<tr>
<td>Math Concepts and Applications</td>
<td>MATH015</td>
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<td>Algebra I</td>
<td>MAT20</td>
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<td>Geometry</td>
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<tr>
<td>Senior Math</td>
<td>MAT40</td>
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<tr>
<td>Adaptive Health and PE</td>
<td>SED70</td>
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<tr>
<td>Cooperative Work Experience</td>
<td>SED80</td>
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<tr>
<td>Vocational Foods Training</td>
<td>SED62</td>
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<tr>
<td>Support Instruction</td>
<td>SED90</td>
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</tbody>
</table>
SPECIAL EDUCATION

In-Class Support Program
A special education teacher or an in-class aide works collaboratively with the regular education teacher to target the needs of special education students through use of instructional strategies and increased attention to student needs. A regular education teacher is primarily responsible for content and delivery of subject matter; the special education provider focuses on specific student needs (i.e. note-taking, attentiveness, behavior, concept acquisition, etc.). Supported instruction will be provided in courses as determined by each student’s Individualized Education Program (IEP).

CURRICULUM ELECTIVES

Special Education students are provided with the continuum of general education electives. In addition, elective courses within the Special Services Department have been selected in an effort to provide intense instruction within specific areas of need. The following elective courses will be available to Special Education students: Media Technology; Transitional Training -- School-to-Work; Vocational Training – General; Transitional Training – Structured Learning Experiences; Vocational Training – Food Trades; Exploratory Elective.

Vocational Training - Food Trades  (SED62)
This full year course is designed for students with special instructional needs. The course is designed to be a simulated restaurant work experience. Students in the first two periods are primarily involved in providing breakfast items and preparing food (prep work) that will be served during the four lunch periods. Prep work includes making desserts, soups, muffins, salads, the special lunch of the day, etc. During the select periods lunch periods, students are involved in cooking and serving food to customers. Students rotate monthly through six workstations: cook, assistant cook, waiter/waitress, cashier, dishwasher, and pot washer. The course runs as a working restaurant and students are exposed to an environment similar to a local restaurant. Students are permitted to take this course as a vocational elective every year. Food Trades is an excellent way to prepare to work in the food business both before and after graduation. Previous students have gone on to pursue higher education in the Culinary Arts field after graduation.

Transitional Training - School-to-Work
This is a full year course designed for students with special instructional needs. The course is designed to assist each student in the transition from secondary education to post-secondary education or employment and independent living. The course will develop “on-the-job training” skills. Students will work on various contracted jobs throughout the school setting emphasizing good work ethics while improving work skills. An incentive program is in place to reward each student for a job well done.
SPECIAL EDUCATION

Transitional Training – Structured Learning Experiences
A full year course designed for students with special instructional needs. This program allows for experiences designed for career awareness, career exploration and/career orientation. The students will be taught the necessary work skills to be productive and the life skills to be independent and productive members of the community. Five credits will be awarded based on the class work and another five credits for non-paid work experience in local community businesses. The students will receive supervision on job sites from the Structured Learning Experiences teacher and a job coach. This course is designed to be a roadmap to possible employment opportunities beyond high school.

Exploratory Elective
This full year, five credit course is designed for students with special instructional needs that require a modified curriculum. The course is instructed by five certified general education teachers and delivered in their areas of expertise. Students will explore units in elective areas that may include art, literature through music, computers, world language, history, science, industrial arts, and foods and nutrition.
SPECIAL EDUCATION

SPECIALIZED PROGRAMS

Cognitively Disabled Program
This program offers small group instruction in a self-contained format. Students placed in the Cognitively Disabled program require extensive direct instruction in multiple settings in order to acquire and apply the skills necessary to function in domestic, community, living, recreational/leisure and vocational activities in school, work, home, and community environments. Modified curricula and alternative instructional approaches focusing on basic skills, life skills, and vocational skill development are utilized.

Learning and/or Language Disabled Program
This program offers small group academic instruction in a self-contained format. Instructional methodology includes a practical, functional, multi-sensory, language-based approach to learning. Students placed in the Learning and/or Language Disabled self-contained program demonstrate cognitive ability and/or communication skills that are significantly below age expectations. The goal of the program is to provide students with a full range of daily living and vocational skills necessary to lead a productive life beyond high school.

Multiply Disabled Program
This program offers small group instruction to students who are eligible for services under the category of Multiple Disabilities. The program targets the needs of students who have physical limitations, communication impairment, and pervasive learning disabilities. Students placed in the self-contained Multiply Disabled program present cognitive ability and adaptive behavior which severely impact the nature and level of participation and achievement in the general education curriculum even with program modifications and adaptations. A comprehensive curricular approach utilizing augmentative communication devices and technology is necessary in order to meet each student's individual goals and objectives. The need for related services is acknowledged, and the program provides for intensive physical therapy, occupational therapy, and speech/language service.