Welcome to South Fayette High School!

Scheduling Information for 2020-2021
Contact Information

High School Principal
Dr. Laura Hartzell
lmhartzell@southfayette.org

Last Name A-K
Mrs. Chris Lane, Counselor
lane@southfayette.org

Last Name L-Z
Mrs. Julie Martin, Counselor
jmmartin@southfayette.org

Career and College Counselor
Mrs. Emily Sharro
essharro@southfayette.org
Graduation Requirements Credit Worksheet

- 4.0 credits in English
- 4.0 credits in Social Studies
- 3.0 credits in Science (including Biology and Chemistry)
- 3.0 credits in Math (including Algebra I, Geometry, and Algebra II)
- 1.0-2.0 credits of Foreign Language (must complete Level II)
Requirements (cont’d)

- .5 credit in Excel--Grade 10
- .5 credit in Presentation Applications/PowerPoint--Grade 9
- .5 credit in Phys Ed (.25 each Gr. 9/10)
- .25 credit of Health--Grade 10
- .25 credit of Writing & Public Speaking--Grade 9
- .50 credit of College & Career Planning --Grade 11
- 4.75-7.25 credits of Electives OR Parkway
- 1.0 credit for Senior Graduation Project/Career Portfolio/Exit Interview
To Graduate from HS:

- 24 credits from coursework
- 1 credit for the Graduation Project/Career Portfolio/Exit Interview
- Pass the State Mandated Assessments in Literature, Math, & Science at Proficient or Advanced Status by the end of Grade 11, with opportunity for second chance in Grade 12
- If after 3 attempts, Proficiency is not reached, then complete the Keystone Portfolio
Items of Note

- Must take 7.0 credits in Grades 9 and 10; can take 6.5 credits at a minimum in Grades 11 and 12 (maximum 1 semester of study hall/year)

- Should pursue most rigorous coursework of which student is capable

- Scheduling information will be posted on the high school website and forms will be available in the Counseling Office, if needed.
Criteria for Honors Classes

- 80% or better to stay in same level class (Honors to Honors, AP to AP)
- 85% or better to move up a level (regular to Honors, Honors to AP)
- 93% or better to move up two levels (regular to AP)
- Teacher recommendation
- Summer work in preparation for beginning of year
Scheduling

- **Schedules are FINAL when you receive your 9th grade schedule**
- CONSIDER YOUR CHOICES CAREFULLY
- Consideration will be given for misplaced students based upon the following four criteria **ONLY**:
  1. Summer Assignment completed on time and turned in.
  2. The student sought additional help and after school tutoring from the teacher.
  3. All assignments and tests are completed and reflect the student’s best effort
  4. Teacher recommends alternative placement
Program of Studies Book

- Online on the high school website (www.southfayette.org/high)
Grade 9

- English 9/Civics OR Honors English 9/Honors Civics
- Biology/Honors
- Math/Honors
- Foreign Language II
- Presentation Applications
- Writing & Public Speaking
- Phys. Ed.
- 1.0 credit of Electives OR Parkway
Grade 10

- English 10/World Cultures
- Eng. 10 Honors/W. Cultures Honors
- Math/Honors
- Chemistry/Honors
- Excel
- Phys Ed/Health

OR

- Foreign Language III (optional but recommended)
- 1.0-2.0 credits of Electives
- OR Parkway
Grade 11

- English 11/ Honors/AP
- Science/Honors/AP
- American Cultures/Honors/AP
- US History
- Math/Honors/AP

- Foreign Language (optional, but recommended--Check with colleges/universities)
- 2.0-3.0 credits of Electives
- **OR** Parkway or CCBC
Grade 12

- English 12/Honors/AP
- Economics/Honors/AP
- Science (optional, but recommended)
- Math (optional, but recommended)
- Foreign Language (optional--check with colleges/universities)
- 2-5 credits of Electives
- OR Parkway or CCBC
  PLUS
- Senior Graduation Project Presentation and Portfolio
<table>
<thead>
<tr>
<th>CHS Courses</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Honors Calculus</td>
<td></td>
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<tr>
<td>AP Calculus AB</td>
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<tr>
<td>AP Calculus BC</td>
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<tr>
<td>Honors Statistics</td>
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<tr>
<td>AP Government</td>
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<tr>
<td>AP European History</td>
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<tr>
<td>Argument</td>
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<tr>
<td>Multimedia III</td>
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<tr>
<td>Leadership</td>
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<tr>
<td>French IV, German IV, Spanish IV</td>
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<tr>
<td>Honors Management</td>
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<tr>
<td>Honors American Cultures</td>
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</table>
### AP Courses

<table>
<thead>
<tr>
<th>AP Calculus AB</th>
<th>AP Spanish</th>
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</thead>
<tbody>
<tr>
<td>AP Calculus BC</td>
<td>AP French</td>
</tr>
<tr>
<td>AP English Language</td>
<td>AP Biology</td>
</tr>
<tr>
<td>AP English Literature</td>
<td>AP Chemistry</td>
</tr>
<tr>
<td>AP European History</td>
<td>AP Physics</td>
</tr>
<tr>
<td>AP US History</td>
<td>AP Music Theory</td>
</tr>
<tr>
<td>AP Economics</td>
<td>Online: AP Stats</td>
</tr>
<tr>
<td>AP Government</td>
<td>Online: AP Psychology</td>
</tr>
</tbody>
</table>
Online Courses

- Beginning in Grade 10, students may select online course electives
- Full year and semester classes are available
- Maximum of one credit online per year
- Cannot select any courses offered at SF
- Offered primarily through the Seneca Valley SD online program, Educere, and University of Missouri but may choose others, if approved
- **Must complete Online form, with parent signature, and submit with Course Selection Sheet**
- See Mrs. Quirk for more information.
Parkway West CTC

- Students will take 4 credits at Parkway (3 core credits + 1 academic credit)
  - Grade 9--Civics at Parkway
  - Grade 10--Principles of Tech (Science) at Parkway

- Students will take 3 credits upon returning to South Fayette (must take Math and English at SF each year)
  - Excel, PE, Health-Grade 10
  - Math, English, Am. Cultures-Grade 11
  - Econ, English, Elective-Grade 12

- Need application from the Counseling Office
CCBC Aviation

CCBC students will take 13 credits as Juniors at Parkway campus

- 3 credits: Introduction to Aviations & Pathways/Titan Transition;
- 3 credits: English Comp;
- 4 credits: Flight Theory; and
- 3 credits: Aeronautical Knowledge
CCBC Aviation Cont.

CCBC students will take 13 credits as Seniors at Parkway campus

- 3 credits: History of Aviation;
- 3 credits: College Algebra;
- 4 credits: Theory of Instrument Flight; and
- 3 credits: Aviation: Meteorology.

Applications are available in the Counseling Office.
New/Changed Courses

- Honors Python III (Business and Comp. Grds. 10-12, Sci., .5 credit, completion of Python I and II)
- Designing and Inventing with Computer Science and Engineering (Business and Comp. Sci., Grds. 9-12, .5 credit)
- Meteorology (Science, Grds. 11-2, .5 credit)
- Astronomy (Science, Grds. 11-12, .5 credit)
- Applied Physics and Engineering (Science, Grd. 12, 1.0 credit)
- Statistics (Math, Alg. 3 w/Trig, Pre-Calc, or Hrs. Pre-Calc., 1.0 credit)-Now requires a teacher recommendation.
- CHS Honors Linear Algebra (Math, Grds. 11-12, 1.0 credit) Adding CHS opportunity
New/Changed Courses Cont.

- Introduction to Ecology and Environmental Science (Science, Grds. 11, 12, 1.0 credit)
- Applied Physics and Engineering (Science, Grd. 12, 1.0 credit)
- Modern History through Pop Culture (Social Studies, Grds. 10-12, .5 credit)
- Applied Positive Psychology (Social Studies, Grds. 9-12, .5 credit)
- AP French-CHS (World Language, Grd. 12, Completion of Honors French IV, 1.0 credit) - Adding CHS opportunity
- Probleming Solving by Design (Science, Grs. 10-12 now, .5 credit)
- CHS Argument (English, Grd. 11, 1.0 credit)
- The art elective is Draw, Paint, Sculpt.
Independent Study (Jrs/Srs)

- Option to pursue a personal goal related to
  - Academic enrichment
  - Career planning/preparation
  - Community service

- Create a program that meets individual needs

- Examples: Work with children at elementary school, create individual options in art, volunteer in the community, intern in a business/organization

- Must complete Independent Study packet and submit with Course Selection Sheet
Summer Work

- Honors level and AP courses will be assigned summer work.

- If a student is taking ONLY an Honors Elective (Honors Business Management, Honors Stats, etc.) then the summer work must be completed.
Passing all State Mandated Assessments

- All South Fayette students must pass the Keystone Exams in order to graduate.

- If proficiency is not met after 3 attempts, students will be required to complete the Keystone Portfolio.

- If exams are not passed by the end of the first semester of the senior year, students will attend mandatory after school tutoring to complete a portfolio that demonstrates proficiency.
Scheduling Checklist

● Read the list to make sure all forms that you need are attached to your Course Selection Sheet

● Will be available online

**Important Scheduling Info & Procedures**

● Read carefully for complete information before filling out Course Selection Sheet
Course Selection Sheets

- **8th Grade** - Due March 9 to Homeroom teachers
- **9th-11th Grade** - Due March 9 to English teachers
- Must be signed by both student and parent/guardian
PowerSchool Online Selection

- You will use PowerSchool this year to enter your course requests directly into the system from March 2-6.
- Teachers have already made their recommendations online through PowerSchool.
- If you are recommended for the course, and have earned the average grade needed, the course will be available for you to choose online.
PowerSchool Online Selection

● You will enter then **print** your online course selections **AT HOME** and then you must have it **signed and returned back to school by March 9, 2020**.

● High School students should return the form to their English Teacher.

● 8th grade students who do not turn in their signed, online course selection sheets will not be able to receive a schedule. Nothing can be done until these are submitted to the homeroom teacher.
Student Login and Online Course Selection
Instructions for PowerSchool

Log into: http://powerschool.southfayette.org/public/home.html
Use your STUDENT login and password.

Click the Class Registration tab on the left-hand side of the page: See picture below.
Click the pencil for each area and choose your courses. When finished click OKAY:

See picture below.

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Number</th>
<th>Credits</th>
<th>Prerequisite Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eco/Pol Sc 12 H</td>
<td>162</td>
<td>1</td>
<td>Minimum average of 80% in Amer Cult Honors or 85% in Amer Cult and teacher recommendation.</td>
</tr>
<tr>
<td>Amer Cul 11</td>
<td>150</td>
<td>1</td>
<td>Minimum Average of 65% or Better in World Cultures</td>
</tr>
<tr>
<td>Eco/Pol Sc 12</td>
<td>160</td>
<td>1</td>
<td>Minimum Average of 65% or Better in American Cultures</td>
</tr>
<tr>
<td>AP Economic</td>
<td>164</td>
<td>1</td>
<td>Minimum average of 80% in AP US History; 85% in Amer Cult Honors or 93% in Amer Cult and teacher recommendation.</td>
</tr>
</tbody>
</table>

You may select 1 course. You have selected course.
Make sure all areas have **GREEN** checkmarks and that there are no **RED** !. When this is correct, Click the **SUBMIT** button on the bottom of the page: See picture below.

Print copy and have your parents sign. Return to your English/Homeroom teacher. Please choose LANDSCAPE to print your course selections.
Counselors

- Video
- Small Group Presentations
- Helpful Information
Questions and Answers
# Technology Related Courses

Technology Related Courses include the following courses from Technology Education Courses, Computer Science Courses, and Business Courses:

<table>
<thead>
<tr>
<th>Technology Education Courses</th>
<th>Computer Science Courses</th>
<th>Business Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>206 Architectural Drafting I</td>
<td>583 Introduction to Java Programming</td>
<td>070 Multi-Media I</td>
</tr>
<tr>
<td>207 Explore Laser Manufacturing and Design</td>
<td>589 AP Computer Science P (Principles)</td>
<td>068/071 Multi-Media II</td>
</tr>
<tr>
<td>208 Additive Manufacturing</td>
<td>586 AP Computer Science A</td>
<td>073 Multi-Media III</td>
</tr>
<tr>
<td>706 Computer-Aided Drafting 2D</td>
<td>859 Introduction to Python Programming</td>
<td>074 PhotoShop</td>
</tr>
<tr>
<td>707 Computer-Aided Drafting 3D</td>
<td>XX Python II</td>
<td>201 3D Modeling</td>
</tr>
<tr>
<td>712 Technological Design and Systems</td>
<td>XX Honors Python III</td>
<td>560 Excel</td>
</tr>
<tr>
<td>713 Physical Technologies I</td>
<td>XX Designing and Inventing with Computer Science and Engineering</td>
<td>561 Web Page Design</td>
</tr>
<tr>
<td>714 Engineering Design I</td>
<td>XX Cyber Security</td>
<td>568 GameMaker Programming I</td>
</tr>
<tr>
<td>715 Engineering Design II</td>
<td>XX Data Science</td>
<td>592 Presentation Applications</td>
</tr>
<tr>
<td>721 Advanced Manufacturing and Engineering</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>