



**2011 - 2012**

# **High School Registration Guide**

“Our mission is to provide all children an efficient and nurturing educational environment which creates life-long learners who are socially responsible citizens. We believe children are our primary focus.”

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# GRADUATION REQUIREMENTS (B.P. IKF) - Classes of 2012 and 2013

This section outlines the minimum requirements for a diploma. Preparation for specific occupations, for college, or for other interests will require careful planning of high school courses in addition to these minimum requirements. The school counseling staff at the high schools stand ready to assist each student with this planning.

**Complete at least twenty (20) academic credits - of the twenty (20) credits required, credit must include:**

## ■ English Language Arts: Four Credits

In order to fulfill the English requirement for graduation, a student must complete the following minimum course work:

- 9th Grade - English 9 or Honors English 9
- 10th Grade - English 10 or Honors English 10
- 11th Grade - Career Center English, English 11, Honors English 11, Extended Thematic Studies in Literature 11
- 12th Grade - Career Center English, English 12, Honors English 12, AP English, Extended Thematic Studies in Literature 12

## ■ Social Studies: Three Credits

The 3 credits of Social Studies required for graduation shall consist of the following:

- |                                      |            |
|--------------------------------------|------------|
| World History                        | 1 credit   |
| American History                     | 1 credit   |
| Economics                            | 1/2 credit |
| Principles of Democracy (Government) | 1/2 credit |

## ■ Science: Three Credits

The 3 credits of science required for graduation shall consist of the following:

- |                               |            |
|-------------------------------|------------|
| Biology A                     | 1/2 credit |
| Chemistry A                   | 1/2 credit |
| Physical Science A            | 1/2 credit |
| Earth Science A               | 1/2 credit |
| Biology B or Honors Biology B | 1/2 credit |
| Science elective              | 1/2 credit |

## ■ Mathematics: Three Credits

## ■ Health: One-half Credit

## ■ Physical Education or PE Replacement Option: One-half Credit

## ■ Business, Technology, Fine Arts and/or Foreign Language: One Credit

## ■ Electives: Five Credits

**\*\*\*If a student fails a required course, it is his/her responsibility to re-schedule that course.\*\*\***

**ALL STUDENTS ARE REQUIRED TO PASS ALL SECTIONS OF THE OGT.**

## GRADUATION REQUIREMENTS (B.P. IKF) - Class of 2014

To be eligible for graduation from Pickerington North/Central High Schools, a student, who enters ninth grade for the first time on or after July 1st, 2010, must have satisfactorily fulfilled the following requirements.

**Complete at least twenty (20) academic units - of the twenty (20) units required, units must include:**

### ■ English Language Arts: Four Units

In order to fulfill the English requirement for graduation, a student must complete the following minimum course work:

- 9th Grade - English 9 or Honors English 9
- 10th Grade - English 10 or Honors English 10
- 11th Grade - English 11, Honors English 11, Extended Thematic Studies in Literature 11
- 12th Grade - English 12, Honors English 11, AP English, Extended Thematic Studies in Literature 12

### ■ Science: Three Units

For the class of 2014, these students will need to complete all "A" level sciences: Physical Science A, Earth Science A, Biology A, and Chemistry A. This will leave the student needing to complete 1/2 unit of a life science (Biology B) and 1/2 unit of an advanced science to graduate.

- Physical Science - 1 unit
- Life Sciences - 1 unit
- Advanced Study of Science - 1 unit

### ■ Mathematics: Four Units

One of which shall be Algebra II or its equivalent

### ■ Social Studies: Three Units

- 9th Grade - World History - 1 unit
- 10th Grade - American History - 1 unit
- 11th or 12th Grade - Economics (including Financial Literacy) - 1/2 unit
- 12th Grade - American Government - 1/2 unit; (AP Government available for 11th and 12th grade - 1 unit)

### ■ Health: One-half Unit

### ■ Physical Education\*: One-half Unit

### ■ Fine Arts (any course from Music, Art or Theater Department)\*\* - 1 unit

### ■ Electives: Four Units

(Fine Arts, Business, Career-Technical Education, Family and Consumer Sciences, Technology, or English Language Arts, Math, Science, Social Studies not otherwise required. **Any student planning to go to college should take at least 2 units of a foreign language.**)

**\*\*\*If a student fails a required course, it is his/her responsibility to re-schedule that course.\*\*\***

**ALL STUDENTS ARE REQUIRED TO PASS ALL SECTIONS OF THE OGT.**

**PLEASE NOTE:** Any student who enters ninth grade after July 1, 2010 and before July 1, 2014, may qualify for graduation from a public or chartered nonpublic high school even though the student has not completed the Ohio core curriculum as prescribed above. After 2 years of school, the student, the student's parent, guardian, or custodian consent to the student graduating without completing the Ohio Core Curriculum and acknowledging that one of the consequence of not completing the Ohio Core curriculum is ineligibility to enroll in most state universities in Ohio without further coursework.

Any student who selects not to complete the Ohio Core Curriculum will develop an individual career plan with the parent, guardian, custodian and school representative that specifies the student matriculating to a two-year degree program, acquiring a business and industry credential, or entering an apprenticeship. The student will still be required to earn 20 units to graduate: 4 English, 4 Math, 3 Science, 3 Social Studies, ½ Health, ½ PE, 1 Fine Art and 4 Electives.

\* PE requirement may be replaced with a 1/2 unit of elective unit if a student completes 2 full seasons of either Marching Band, Cheerleading or an OHSAA approved sport. The student will need to complete an additional 1/2 unit of an elective. Students must complete a PE Replacement Application.

# GRADUATION REQUIREMENTS (B.P. IKF) - Class of 2015 and BEYOND

To be eligible for graduation from Pickerington North/Central High Schools, a student, who enters ninth grade for the first time on or after July 1st, 2010, must have satisfactorily fulfilled the following requirements.

**Complete at least twenty (20) academic units - of the twenty (20) units required, units must include:**

## ■ English Language Arts: Four Units

In order to fulfill the English requirement for graduation, a student must complete the following minimum course work:

9th Grade - English 9 or Honors English 9

10th Grade - English 10 or Honors English 10

11th Grade - English 11, Honors English 11, Extended Thematic Studies in Literature 11

12th Grade - English 12, Honors English 11, AP English, Extended Thematic Studies in Literature 12

## ■ Science: Three Units

For the class of 2015 and beyond, these students will need to complete this sequence as follows: If the student took Physical Science 8 for high school unit they must take Earth Science A and Chemistry A in the 9th grade. Students completing Science 8, must take Integrated Science 9.

Physical Science - 1 unit

Life Sciences - 1 unit

Advanced Study of Science - 1 unit

## ■ Mathematics: Four Units

One of which shall be Algebra II or its equivalent

## ■ Social Studies: Three Units

9th Grade - World History 1 unit

10th Grade - American History - 1 unit

11th or 12th Grade - Economics (including Financial Literacy) - 1/2 unit

11th or 12th Grade - American Government - 1/2 unit (AP Government available for 11th and 12th grade - 1 unit)

## ■ Health: One-half Unit

## ■ Physical Education\*: One-half Unit

## ■ Fine Arts (any course from Music, Art or Theater Department)\*\* - 1 unit

## ■ Electives: Four Units

(Fine Arts, Business, Career-Technical Education, Family and Consumer Sciences, Technology, or English Language Arts, Math, Science, Social Studies not otherwise required. **Any student planning to go to college should take at least 2 units of a foreign language.**)

**\*\*\*If a student fails a required course, it is his/her responsibility to re-schedule that course.\*\*\***

**ALL STUDENTS ARE REQUIRED TO PASS ALL SECTIONS OF THE OGT.**

**PLEASE NOTE:** Any student who enters ninth grade after July 1, 2010 and before July 1, 2014, may qualify for graduation from a public or chartered nonpublic high school even though the student has not completed the Ohio core curriculum as prescribed above. After 2 years of school, the student, the student's parent, guardian, or custodian consent to the student graduating without completing the Ohio Core Curriculum and acknowledging that one of the consequence of not completing the Ohio Core curriculum is ineligibility to enroll in most state universities in Ohio without further coursework.

Any student who selects not to complete the Ohio Core Curriculum will develop an individual career plan with the parent, guardian, custodian and school representative that specifies the student matriculating to a two-year degree program, acquiring a business and industry credential, or entering an apprenticeship. The student will still be required to earn 20 units to graduate: 4 English, 4 Math, 3 Science, 3 Social Studies, ½ Health, ½ PE, 1 Fine Art and 4 Electives.

\* PE requirement may be replaced with a 1/2 unit of elective unit if a student completes 2 full seasons of either Marching Band, Cheerleading or an OHSAA approved sport. The student will need to complete an additional 1/2 unit of an elective. Students must complete a PE Replacement Application.

## OHIO GRADUATION TESTS (OGT) (B.P. IL-P-1)

Students will be required to pass the Ohio Graduation Test (OGT) first given in the spring of their sophomore year. Students must pass all areas of the OGT before graduation in order to participate in graduation ceremonies. (Seniors from out of state must pass all sections of the OGT in order to receive a diploma. This student, have meet all other graduation requirements may participate in the graduation ceremony.)

### Criteria for Alternative Pathway to Graduation: STUDENTS WHO DO NOT PASS ONE PORTION OF THE OGT

1. On the one section of the OGT for which the person failed to attain the designated score, the person missed that score by 10 points or less. (This means a scaled score of at least 390 on the failed OGT.)
2. Has a 97 percent school attendance rate in each of the last four school years, excluding any excused absences.
3. Has not been expelled from school in any of the last four years.
4. Has a grade point average of at least 2.5 out of 4.0, or its equivalent as designated in rules adopted by the state board of education in the subject area of the failed OGT. (See conversion chart below.)
5. Has completed the Ohio high school curriculum requirements in the subject area of the failed test and also the curriculum requirements for graduation from Pickerington Local Schools.
6. Has taken advantage of any intervention programs provided by the school district or school in the subject area of the failed OGT and has a 97 percent attendance rate, excluding any excused absences, in any of those programs that are provided at times beyond the normal school day, school week, or school year or has received comparable intervention services from a source other than the school district or school.
7. Holds a letter recommending graduation from each of the person's high school teachers in the subject area of the failed OGT and from the person's high school principal.

## DIPLOMAS (B.P. IKF)

The State Department of Education has designated that two types of diplomas will be awarded to graduates:

### 1. Standard Diploma

To be awarded the standard diploma, the student shall be required to meet the following criteria:

- a. meet all criteria established by the Pickerington Board of Education
- b. meet all requirements established by the State of Ohio

### 2. Honors Diploma

To be awarded the Honors Diploma the student must meet seven of eight of the following criteria:

- 1) Earn four units of English.
- 2) Earn at least four units of mathematics which shall include algebra I, algebra II, geometry and another higher level course or a four-year sequence of courses which contains equivalent content. For the class of 2014 and beyond one of which shall be Algebra II.
- 3) Earn at least four units of science including one unit of physics and one unit of chemistry.
- 4) Earn four units of social studies.
- 5) Earn either three units of one foreign language or two units each of two foreign languages.
- 6) Earn one unit of fine arts.
- 7) Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year; or
- 8) Obtain a composite scores of 27 of the American college test's ACT assessment (excluding the optional writing test) or a combined score of 1210 on the College Board's SAT verbal and mathematics sections (excluding the required writing section).

### 3. Vocational Honors Diploma (available only to Eastland/Fairfield Career Center students)

The student who completes an intensive career-technical education curriculum shall meet at least seven of the following eight criteria:

- 1) Earn four units of English.
- 2) Earn at least four units of mathematics which shall include algebra I, algebra II, geometry and another high level course or a four-year sequence of courses which contains equivalent content.
- 3) Earn at least four units of science including one unit of physics and one unit of chemistry.
- 4) Earn four units of social studies.
- 5) Earn four units in a career-technical education program that leads to an industry-recognized credential, results in an apprenticeship or is part of an articulated career pathway, which can lead to post secondary credit. If the student's program design does not provide for any of these outcomes, then the student must achieve the proficiency benchmark established for the applicable Ohio career-technical competency assessment or the equivalent.
- 6) Achieve the proficiency benchmark established for the Ohio Career-technical Competency assessment or equivalent assessment aligned with state-approved and industry validated technical standards; or
- 7) Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year; or
- 8) Obtain a composite score of 27 on the American college testing service's ACT assessment (excluding the optional writing test) or a combined score of 1210 on the college board's SAT verbal and mathematics sections (excluding the score obtained on the required writing section).

## STATE BOARD OF EDUCATION AWARD OF MERIT (B.P. JI)\*

- The student must earn the following College Prep Curriculum credits:
  - 4 credits of English
  - 3 credits of Mathematics (must include Algebra & Geometry)
  - 3 credits of Science (must include 2 from Biology, Chemistry, Physics)
  - 3 credits of Social Studies (must include 2 History and 1/2 Government)
  - 3 credits of a Foreign Language
- The student must earn two credits from one or more of the following, or two additional credits from one or more of the areas in number one above:
  - Business; **OR**
  - Computer Science; **OR**
  - Visual/Performing Arts; **OR**
  - 2 additional credits from (1) above
- The student must maintain above average attendance for grades 9-12.
- The student must demonstrate outstanding academic achievement:
  - 3.25 G.P.A. grades 9-12 **OR**
  - 3.5 G.P.A. grades 11-12 **OR**
  - Rank in top 25% of the class
- The student must participate in co curricular, extra curricular or a community activity.
- The student must demonstrate outstanding citizenship/character traits.
- The student must submit an application for this award.

\*See your school counselor for further details.

## PRESIDENTIAL EDUCATION AWARDS PROGRAM\*

Awarded to seniors who meet the following criteria:

- Attained a 3.50 G.P.A. or equivalent accumulated over seven semesters.
- Received a score in the 11th or 12th grade placing the student at or above the 85th percentile on any nationally recognized standardized test such as the ACT or SAT.

\*See your school counselor for further details.

## WEIGHTED GRADES (B.P. IKA-P)

An add-on system of grade weighting has been initiated for Honors and Advanced Placement (A.P.) classes. The scale is as follows:

<b>Grade</b>	<b>Standard</b>	<b>Honors</b>	<b>A.P.</b>
A	4.00	4.50	5.00
A-	3.75	4.25	4.75
B+	3.25	3.75	4.25
B	3.00	3.50	4.00
B-	2.75	3.25	3.75
C+	2.25	2.75	3.25
C	2.00	2.50	3.00
C-	1.75	1.75	1.75
D+	1.25	1.25	1.25
D	1.00	1.00	1.00
D-	.75	.75	.75
F	.00	.00	.00

Other stipulations related to this policy include:

- Advanced Placement students must take the A.P. test in order to receive weighted grade.
- Post Secondary Option (P.S.E.O.P.) classes will be weighted at the Honors level if they are:
  - college-level class
  - taken for high school credit
  - taken during the school year
- Students must earn a "C" (2.00) or better in AP or P.S.E.O.P classes to receive the weighted grade.

## HONOR ROLL (B.P. IKD-P)

Recognition will be awarded based on Grade Point Average (GPA) for each nine weeks as follows:

<b>Distinguished Scholar Roll</b>	<b>GPA of 3.75 - 5.00</b>
<b>High Honor Roll</b>	<b>GPA of 3.25 - 3.749</b>
<b>Honor Roll</b>	<b>GPA of 3.00 - 3.249</b>

## **CREDITS** - recommended to be on track for graduation in four years

1. Assignment to 10th grade = a minimum of 5 academic credits
2. Assignment to 11th grade = a minimum of 10 academic credits
3. Assignment to 12th grade = a minimum of 15 academic credits

## **MINIMUM CLASS PASSING REQUIREMENTS (B.P. IKA/IKA-P)**

Passing a Year-long Course: A student will pass a year-long course if her/she:

- A. Earns a minimum of 0.67 on the 4.0 scale for the year and
- B. Earns at least one passing grade in one of the three evaluations during the second semester.

In pass/fail courses, a student must pass (earn an "S-") four of six grades in a year-long class and two of three grades in a semester class. A student may not use an exam exemption during the second semester if he/she received any F's during the first semester of that course.

Passing Semester Courses: A student will pass a semester course if he or she has received a passing grade in two of the three evaluations (two nine-week periods and exam) and has earned a minimum of 0.67 on the 4.0 scale. A semester exam grade is considered to be a "grading period" grade when calculating minimum grade requirements.

## **SEMESTER EXAMS (B.P. ICAA)**

- 1) an unexcused absence from an exam will result in an "incomplete" grade for the exam;
- 2) will be given at the end of each semester;
- 3) the exam is equal to one-half of one nine weeks grade or 20% of the semester grade:
  - a. to determine the average/final grade for a semester, the two nine weeks grades and the exam grade (half value) will be added and divided by 2.5;
  - b. to determine the year-end grade, the nine week grades are to be added, along with the two exam grades (half value) and divided by 5.

## **PREREQUISITES**

A number of courses have course and grade requirements that need to be met before the student may enroll. Check the "prerequisite" or "strongly recommended" section listed after each class. Summer school grades can be used to meet prerequisite (original grade remains on transcript along with summer school grade).

## **CLASS LOAD (B.P. IKA-P)**

All incoming freshman and sophomores must schedule six periods of class. In order to maintain athletic eligibility a student must be enrolled, and passing, five periods of classes, per semester, excluding physical education. To this end it is recommended that all student athletes schedule six periods of class.

## **PASS/FAIL COURSES (B.P. IKA-P)**

Students may take designated courses on a pass/fail basis without the pressure for grades. Students will also be permitted to choose their final grade as a letter grade or pass/fail. In order for this program to function effectively, the following guidelines have been established:

1. Courses designed as pass/fail will allow the student the option of taking the course for a grade or for pass/fail.
2. Courses taken as pass/fail will receive graduation credit and will be counted toward eligibility. The student must fulfill all course requirements.
3. A student choosing the grade option (A, B, C, D, F) must do so within five (5) school days after the grade cards are issued at the end of the first or third nine (9) weeks if they desire to choose this option.
4. For students choosing the grade option (A, B, C, D, F), only the semester and final grade will be changed.
5. The initial choice of pass/fail must be made during the first four (4) weeks of a semester of a year course and will stay in effect throughout the entire course. The school policy for adding or dropping a course shall also apply to pass/fail.
6. A grade of satisfactory (pass) or unsatisfactory (fail) will be given for progress each grading period. The teacher should record all letter grades as usual in his/her grade book. Pass/fail will be recorded only on grade cards and permanent record cards.
7. Pass/fail courses will not be counted in determining grade point average for Honor Roll, Class Rank, or Academic Awards unless the grade option is chosen.
8. The student, his/her parent, and the teacher must complete and sign a pass/fail registration form. Interested students may secure this form in the school counseling office.
9. One of the following high school (9-12) credit may be taken as pass/fail each year: music or art. Students may also choose additional pass/fail option for Physical Education.
10. Students must pass 2 of the 3 grade marks (inclusive of semester grade) in order to receive credit for a semester course.
11. L.E.P. students (K-12) may take any class pass/fail as long as recommended by the appropriate school staff and approved by the Director of Instruction/Designee. All other rules apply.
12. All Adaptive Living Skills courses are taken as pass/fail.

## **AUDITING A CLASS (B.P. IKA-P)**

A student wishing to audit a class must:

1. Meet with his/her counselor and show good reason why he/she should audit the class.
2. Have approval of the teacher involved.
3. Complete form for auditing a class.
4. Credit will not be given for an audited class.
  - > If a student chooses to audit a class, then the student will receive "R" if he/she passes the class and "R" if he/she fails the class.
  - > The audited class will not count towards graduation honors (awards) or in any eligibility considerations.
  - > The audited class will not count in any GPA considerations.
  - > The audited class will not count toward meeting any prerequisites for another class.
  - > The student must remain in good standing (i.e., no attendance or discipline problems) to remain in the class.
5. The deadline to turn in the completed registration form for auditing a class is four weeks from the students' first day in the class.

## **REPEATING A PREVIOUSLY PASSED COURSE (B.P. IKA-P)**

A student wishing to repeat a class in which he/she has already received a passing grade must:

1. Meet with his/her counselor and show good reason why he/she needs to repeat the class.
  - a. strengthen understanding of the subject matter
  - b. review material taken 1-2 years ago
  - c. other reasons as deemed appropriate by the counselor
2. Have the approval of the teacher involved.
3. Complete form for repeating a class.

If a student chooses to repeat a previously passed course, then the student will receive an "R".

The repeated course will not count toward graduation honors (awards) or in any eligibility considerations.

The repeated course will not count in any GPA considerations.

The student must remain in good standing (i.e., no attendance or discipline programs) to remain in the class.

## CHANGE OF COURSE TIMELINE (B.P. IKA-P)

### 1. Schedule Changes

The master schedule of course offerings (teaching assignments) is arranged each year to accommodate the student requests made during the Spring registration of the previous school year. The Pickerington Local School District considers a full schedule to consist of six (6) classes per semester. Since the master schedule is designed based on student interests, changes after its creation will be limited.

Students are expected to make all schedule choices during the registration process. Student/parent initiated schedule changes made after school begins may be made with parent permission and only during the first eight school days. When a course is dropped within this timeframe, the course will be deleted from the student's transcript. Courses will be dropped and/or added, within this timeframe, if space is available, with counselor or administrator approval, for the following reasons:

- 1) to balance classes between semesters;
- 2) to accommodate a senior who may need to make a change to meet graduation requirements;
- 3) to adjust for courses completed, with a passing grade, in summer school or through correspondence;
- 4) to drop a study hall and add a class;
- 5) to accommodate an original request that was not honored due to a scheduling conflict;
- 6) to change the teacher - only if the student has had the teacher previously for the same course and he/she failed that course;
- 7) to adjust for special/alternative programming; or,
- 8) to change an inappropriate course level as dictated by the prerequisite.

Level changes are the exception to this rule. A level change means moving within the same subject area to a less or more challenging level. Once a student, parent and/or teacher recognize that the level of difficulty is such that the student is not successful, a level change should occur immediately. The cumulative grade earned will transfer with the student to the next level.

Schedule changes made after the first eight days of school, must be approved by the parent, teacher, and by a counselor.

#### 1) Adding a course

After the first eight days of school, no courses will be added. (**Exception:** At the beginning of the second semester, only semester courses to be taken that semester can be dropped and/or added within the first eight days of the second semester.)

#### 2) Dropping a course

Upon receipt of a drop request it must be determined: (1) whether the student is passing or failing. The teacher makes this determination by averaging the grades from all preceding grading periods, including the current grading period, to arrive at a cumulative grade; and, (2) whether or not the course has passed the midway point of the semester or year depending upon the length of the course. When both of these determinations have been made, the following will apply:

##### a. Before the course is midway through, the following criteria will be applied:

- If the cumulative grade is a D- or above, the student will receive an "F" for the current grading period and a "WP" (Withdraw Passing) for the remainder of the course.
- If the cumulative grade point is an "F", the student will receive an "F" for the current grading period and a "WF" (Withdraw Failing) for the remainder of the course.

##### b. After the midway point of the course, the following criteria will be applied:

- Upon receipt of the request to drop, the student will receive an "F" in the current grading period and, regardless of whether the cumulative grade is passing or failing, a "WF" will be the grade for the remainder of the course.

## EARLY GRADUATION (B.P. IKFA)

A student may graduate at the end of six or seven semesters provided he/she meets the standard graduation requirements of the State of Ohio and Pickerington Local School District.

The student and parent must present a formal written request to his/her school counselor who in turn presents it to the principal for his approval. If the principal approves the request, the written request is then forwarded to the Board of Education for final approval. If the student has not met graduation requirements for early graduation by the requested date, they will be required to return as a full-time student. Early graduation permission must be secured by following Board Policy.

## EDUCATIONAL OPTIONS (B.P. IGCD-P)

The variety of subject offerings for individual students can be increased through this program. A student, under the guidance of a cooperating teacher, may expand the school curriculum by creating his/her own area of study. The cooperating teacher must submit a syllabus of the course for which the student wishes to receive credit. This program is not to replace a regular class or a failed class. Student can not sign up or allocate room for this class at registration time. Teacher permission is required. See your school counselor for an application if interested. Application must be received by the second full week of a semester.

## POST-SECONDARY OPTION PROGRAM (B.P. IGCH-P)

This program is offered to high school students who wish to earn college credit while attending high school. An informational meeting is held in February to explain this educational option. THIS MEETING IS MANDATORY FOR PARENT AND STUDENT TO ATTEND IF HE/SHE WANTS TO PARTICIPATE THE FOLLOWING SCHOOL YEAR.

# NCAA STANDARDS FOR STUDENT-ATHLETES

If you intend to participate in Division I or II athletics as a college freshman, you must register and be certified by the NCAA Initial-Eligibility Center. Under the NCAA standards, students will not be eligible for collegiate athletics unless they have met GPA, standardized test score (ACT/SAT), and core course requirements.

For further information regarding these rules and/or to register, please check the NCAA Center's web page at [www.eligibilitycenter.org](http://www.eligibilitycenter.org) or contact your school counselor.

## ATHLETIC ELIGIBILITY RESTRICTIONS

The following Board Policy addresses the eligibility restrictions on student athletes who open enroll to another building or change their place of residence from one school building to another, within the district.

### **Ohio High School Athletic Association Eligibility Restrictions**

#### **Open Enrollment (B.P. JECBD): an approved request to attend a building outside of your attendance area**

All student athletes entering grades 8-12, who request and are granted an Intradistrict Open Enrollment transfer, will be subject to the OHSAA Bylaw 4-7-3. This means the student athlete will be **ineligible** for one calendar year. The student entering grade 7, however, will be eligible if all other eligibility criteria is met.

- A. A student's athletic eligibility is established as follows:
  - 1) The building in which a student attends their first day of junior high/high school establishes their eligibility at that building.
  - 2) When the first scrimmage or game of the season, in any fall sport, takes place prior to the first day of the school year, any student who has athletically participated in the event has established his/her athletic eligibility in the building associated with the athletic team involved.
  - 3) A student whose eligibility is established at Lakeview JH is simultaneously established at North HS.
  - 4) A student whose eligibility is established at Ridgeview JH is simultaneously established at Central HS.
- B. Any change in attendance to a different building, after eligibility has been established, will make the student athletically ineligible to participate for one calendar year from the date of the transfer.
- C. If a student who attends the "other school" one year and then is denied open enrollment the following year and therefore must attend his/her "home school", the student will be athletically eligible at their "home school".

### **Attendance Area Transfer**

#### **Attendance Area Transfer: a change to another building, due to a change in residence**

All students in grades 7-12 who change residence, resulting in a change in the student's school of attendance, **AFTER** the beginning of a school year, shall not be eligible to participate in any athletic program(s) at the new school of attendance until the student has been in that building through one complete grading period, from beginning to end.

Regardless of athletic participation, any such pupil shall remain in attendance at the new school for the remainder of the school year, notwithstanding any subsequent move within the District during the same school year. This provision shall apply even if the student is otherwise eligible under the bylaws of the Ohio High School Athletic Association.

The following will be the only exceptions to this policy:

- 1. Where the program and/or activity is specifically required pursuant to an Individualized Education Program (IEP) or Section 504 plan; or
- 2. Where the change of residence is due to circumstances beyond the control of the student and/or his or her parent. For purposes of this exception, the District's Athletic Review Committee shall determine, in its sole discretion, whether or not the change of residence was due to circumstances beyond the control of the student and/or his or her parent. The Athletic Review Committee shall consist of three members: the Superintendent or Superintendent's designee, a member of the Board of Education, and a representative of the building to where the student has moved, as chosen by the building principal. The determination of the Athletic Review Committee shall be final.

# ACADEMIC TESTING

## THE PRELIMINARY SCHOLASTIC APTITUDE TEST

### NATIONAL MERIT SCHOLARSHIP QUALIFYING TEST (PSAT/NMSQT)

The PSAT/NMSQT is administered in October. Taking the test is the first step necessary to enter the scholarship programs administered by the National Merit Scholarship Corporation (NMSC).

Juniors and sophomores who plan to go to college are urged to take this test, for it attempts to measure the academic skills necessary for success in college. The test consists of verbal and mathematics sections.

African-American students who wish to participate in the National Achievement Scholarship Program for outstanding African-American students must take this test.

The PSAT/NMSQT is conducted for the College Board and the National Merit Scholarship Corporation by the Education Test Service (ETS). This test is given at both high schools in October, and a nominal fee is charged to cover the cost of the test.

## THE SCHOLASTIC APTITUDE TESTING PROGRAM

### (SAT-I, Reasoning Test and SAT-II, Subject Tests)

Many colleges require these examinations for admission. They include the Scholastic Aptitude Test - I (Reasoning Test) and SAT-II (Subject Tests). The SAT-I consists of writing, verbal and mathematical sections. The verbal section is designed to measure the candidate's ability to read with understanding and discrimination, his comprehension of words, and his skill in dealing with word relationships. The mathematical section is designed to measure aptitude for handling quantitative concepts rather than achievement in mathematics. Students may register online at [www.collegeboard.com](http://www.collegeboard.com).

The SAT-II subject tests measure what has been learned in specific subject areas. Some colleges, with selective admissions, require subject tests. More information is available at [www.collegeboard.com](http://www.collegeboard.com).

## THE "PLAN" PROGRAM

The PLAN program is designed to benefit the entire tenth-grade population. It will help familiarize students with the ACT assessment - content, item formats, and test procedures; and it will help provide an estimate of how students will perform on the ACT. This test is given at the high school in October/November, and a nominal fee may be charged to cover the cost of the test. This test also contains a useful career inventory.

## THE AMERICAN COLLEGE TESTING PROGRAM (ACT)

This test is used by most colleges for admission. It consists of English, mathematics, science reasoning, and reading. The writing test is highly recommended. The individual test items in all areas are designed to measure ability to perform the kind of complex intellectual tasks that college students typically have to perform.

Information and registration forms are available in the School Counseling Office or at [www.actstudent.org](http://www.actstudent.org).

PHSC - CEEB Code is 364-160

PHSN - CEEB Code is 365-013

# Eastland-Fairfield Career & Technical Schools

Eastland-Fairfield Career & Technical School District programs are open to all eleventh and twelfth grade students within our district who demonstrate the ability and interest to attend.

Students remain enrolled in and still graduate from this school and are encouraged to continue participation in high school extracurricular activities.

With programs on two campuses and five satellite locations, we're closer than you think. Satellite programs are offered at Gahanna, Groveport Madison, New Albany, Pickerington North, and Reynoldsburg High Schools.



## Connecting academics to real-world success

Eastland-Fairfield Career & Technical School allows students to immerse themselves in a career field or profession, spending a half-day learning hands-on and gaining real-world experience. Our classrooms and labs are equipped with the latest technology. Career-Technical Education focuses not only on the standards required in the workplace but also on the high academic standards required for college. Students learn from teachers who are seasoned professionals in their career field. Combine that with top-notch academics, and you have what en players call a dead value.

## Fast-track to a satisfying career

The Eastland-Fairfield learning environment extends far beyond the classroom. Internships, job shadowing, community service, field trips, guest speakers, and cooperative education all provide valuable experience, connections, and practice in using technical and people skills. All students benefit from Eastland-Fairfield's partnerships with business and industry. Over 300 local employers and educators help keep our programs in synch with the demands of the modern workplace.

## Jump-start your college and saving money

Not only do Eastland-Fairfield programs prepare students for further study, but many also allow students to earn college credit or enter college in advanced standing. Students can earn up to 43 credits in selected programs, graduating with a college transcript that can be taken nearly anywhere! How's that for a jump start?



# Career & Tech- More than you think

## Explore the possibilities.

Eastland-Fairfield Career & Technical Schools offer nearly 40 programs for you to choose from while you're in high school. Our programs provide you with the opportunity to pursue your talents and biggest interests, whether you're planning to head on to college, or right into a real-world career. It's a head start that lets you explore your choices now...and can help you make the most of your big choices when you graduate.

### Agricultural & Environmental Systems

- Environmental Science (New Albany High School)
- Horticulture— (BCC)

### Art & Communication

- Graphic Design (BCC)
- Performing Arts (Ragsdale High School)

### Business & Administrative Services/Marketing

- Financial Services (BCC)
- International Business (Gohanna Lincoln High School)
- Legal/Medical Office Technologies (BCC)
- Marketing & Logistics Management (Grovesport Madison High School)

### Construction Technologies

- Architecture/Construction Management (Gohanna Lincoln High School)
- Building Trades (BCC)
- Carpentry (BCC)
- Electrical Technology (BCC)
- Heating, Ventilation, Air Conditioning & Refrigeration (BCC)

### Education & Training

- NEW!** • Teaching Professionals (Gohanna Lincoln High School)
- ### Engineering & Science

- NEW!** • Biotechnology (Gohanna Lincoln High School)

### Health Science

- Dental Assisting (BCC & BCC)
- Health & Recreation Services (BCC)
- Health Technologies (BCC)

### Hospitality & Tourism

- Culinary Arts (BCC)
- Restaurant Services (BCC)

### Human Services

- Cosmetology (BCC & BCC)
- Employability Prep (Offsite)
- Project SEARCH (Offsite)

### Information Technology

- Cyber Networking Academy—one year (New Albany High School)
- Computer Support Technology (BCC)
- Interactive Media (BCC)
- Multimedia (Pickerington High School North)
- Programming & Software Development (BCC)

### Law & Public Safety

- Criminal Justice (BCC & BCC)

### Manufacturing Technologies

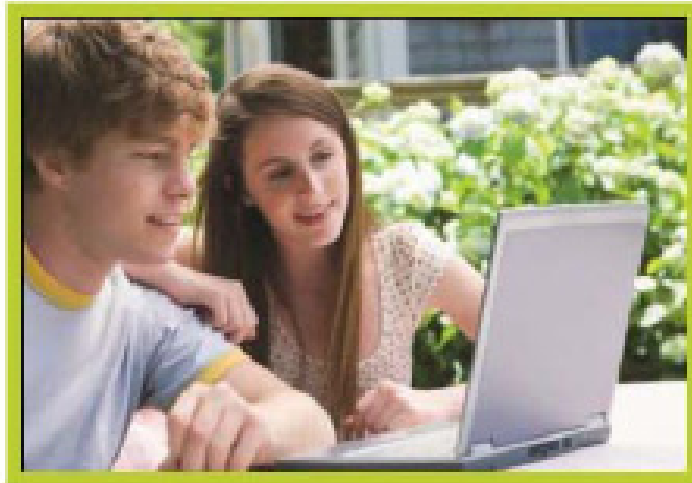
- Computer-Aided Design Drafting (BCC)
- Electronics (BCC)
- Welding (BCC)

### Transportation Systems

- Ag/Industrial Diesel Mechanics (BCC)
- Auto Technology (BCC & BCC)
- Collision Repair Technology (BCC)

### Locations:

- [BCC]—Eastland Career Center, Grovesport
- [BCC]—Fairfield Career Center, Carroll



Check us out online at  
[www.eastland-fairfield.com](http://www.eastland-fairfield.com)  
or by calling 614-836-4530





**SOMETHING  
“SPECIAL”  
TO  
CONSIDER...**

**PEER  
COLLABORATION  
COURSE**

**Prerequisite:** Application and Approval by Instructor

**Grade:** 10-12

**Duration:** 1 semester

**Elective Credit:** .5

**Graded:** S/U

This course is designed to give students who are interested in careers that involve working with children or adults who have special needs. Students are supervised by Intervention Specialists in the special needs classrooms. In addition, students will have the opportunity to learn about disabilities, diversity and acceptance. The peer collaborator will support students with disabilities in their classes and assist them to succeed by helping them to complete class assignments and participate in class. Students will be required to participate in a training session, complete a reflection paper due at conclusion of class and keep a daily attendance log. See your guidance counselor for an application.



# ENGLISH DEPARTMENT

*Graduation Requirement: 4 credits of English*

COURSE		AVAILABILITY	CREDIT	LENGTH
NO.	TITLE			
<b><u>FRESHMAN ENGLISH</u></b>				
405	English 9	9	1.00	Y
408H	Honors English 9	9	1.00	Y
<b><u>SOPHOMORE ENGLISH</u></b>				
411	English 10	10	1.00	Y
414H	Honors English 10	10	1.00	Y
<b><u>JUNIOR ENGLISH</u></b>				
417	English 11	11	1.00	Y
420	Extended Thematic Studies in Literature 11	11	1.00	Y
426H	Honors English 11	11	1.00	Y
<b><u>SENIOR ENGLISH</u></b>				
429	English 12	12	1.00	Y
432	Extended Thematic Studies in Literature 12	12	1.00	Y
436AP	Advanced Placement English 12	12	1.00	Y
<b><u>ELECTIVES</u></b>				
444	Journalism I	9 10 11 12	.50	S
446	Journalism II	10 11 12	1.00	Y
807	Yearbook <u>PHSN Only</u>	9 10 11 12	1.00	Y

## **FRESHMAN ENGLISH**

There are only two course-selection options available to ninth grade students: English 9 and Honors English 9. English 9 is the required core course for ninth graders. The other course available to incoming freshman is Honors English 9. Honors English classes are designed for students who have above-average skills in reading, grammar, and composition and who plan to take the Advanced Placement English Exam their senior year. Students who sign up for Honors English must have earned a year-end average of B in an Honors English 8 class or a year-end average of A- in English 8 classes.

### **405 - ENGLISH 9**

*Full Year • 1 credit • Required unless taking Honors English 9 or ESL English.*

This course is required for all students who have demonstrated their mastery of the basic competencies in reading and writing. Students will read a variety of materials. Students will focus on expository and persuasive writing. Writing formats will include summarizing; personal narrative; and a variety of four- and five-paragraph essays. Writing skills will be honed with a study of mechanics, usage, grammar, and spelling. Additional vocabulary development will help prepare students for college placement tests and to enhance personal growth.

### **408H - HONORS ENGLISH 9**

*Full Year • 1 credit • Elective • Grade 9 • Prerequisite: B or better in 8th grade Honors Language Arts or A- or better in 8th grade Language Arts.*

Honors English 9 is designed for students who intend to participate in the Advanced Placement English Program at the senior level. Students will read a variety of materials. Various short stories, poetry, and nonfiction works selected from their literature text are also included in this course. Their writing assignments will focus on expository, persuasive, and narrative writing in several four- and five-paragraph essays. They will also develop their skills in summarizing, mechanics, usage, and grammar. Vocabulary will be developed through context in the assigned readings as well as through an extended study of roots, suffixes, and prefixes. Entry into this course is determined by meeting one of the aforementioned prerequisites.

## **SOPHOMORE ENGLISH**

### **411 - ENGLISH 10**

*Full Year • 1 credit • Required unless taking Honors English 10 or ESL English.*

World Literature is the focus of the sophomore English program. A global view of literature will be explored through drama, novels, short stories, poetry, and nonfiction selections. Students will experience research, oral presentation, and analytical responses to literature. Students will also focus on persuasive writing with formats including summaries, letters, and reviews, career essays, and technical writing projects. Oral language lessons will be used to reinforce grammar and writing skills. Additional vocabulary development will help prepare students for college placement tests and to enhance personal growth.

### **414H - HONORS ENGLISH 10**

*Full Year • 1 credit • Elective • Grade 10 • Prerequisite: B or better in Honors English 9 or A- or better in English 9.*

Honors English 10 is designed for students who intend to participate in the Advanced Placement English Program at the senior level. World Literature is the focus of this year-long program in which students will experience various forms of literature and writing. Students will read a variety of materials. They will read short stories, nonfiction, and poetry from their literature textbook. In addition, they will develop their vocabulary and grammar skills. The writing in this course centers on literary analysis, persuasive and expository essays, and short summaries and letters. Students will have an opportunity to develop their presentation skills throughout the year. Entry into this class will be determined by the student's English grade. This is a fast-paced, multi-layered course demanding a strong work ethic on the part of the students; these qualities should be considered in addition to the above-mentioned grade requirement for admittance.

## **JUNIOR ENGLISH**

### **417 - ENGLISH 11**

*Full Year • 1 credit • Required unless taking Extended Thematic Studies 11, or Honors English 11.*

The works of important American writers will be the focus of this junior English program. Students will read and analyze selected poems, short stories, drama, and novels organized by themes. A variety of writing experiences will be integrated with literary themes taught throughout the course. Students will be required to complete a research paper. Additional vocabulary development will help prepare students for college placement tests and to enhance personal growth.

### **420 - EXTENDED THEMATIC STUDIES IN LITERATURE 11 (Junior)**

*Full Year • 1 credit • Elective • Fulfills Junior English requirements for English 11.*

This course is the first year of a two-year junior/senior language arts program, which encompasses the study of British and American literature in a thematic structure rather than a chronological structure. Thematic studies presents a challenging curriculum, including three out-of-class novels culminating in extended projects. Thematic Studies is recommended for students with a C or better average in previous English classes. The program structure includes combined junior-senior classes and incorporates composition, debate, and research, plus extensive reading and essay testing. Directed by a two-teacher team, students will have opportunities for in-depth, individualized research. The writing for this course includes a research paper. Students will be required to purchase two outside novels. Recommended for the self-motivated student who enjoys reading and writing. Technology skills are an enhancement to this course.

### **426H - HONORS ENGLISH 11**

*Full Year • 1 credit • Elective • Grade 11 • Prerequisite: B or better in Honors English 10 or A- or better in English 10.*

This course is designed to prepare students to take Advanced Placement English 12. Honors English 11 is a strenuous course in which students are required to be critical readers of American fiction, nonfiction, and poetry. They will purchase several books to read and annotate. They will demonstrate the basics of rhetorical analysis of published fiction, nonfiction, and their own writing, and they will learn the research process of gathering and documenting information from a number and variety of reliable sources. They will write a synthesis paper using MLA guidelines. In addition, they will write essays of varying lengths and in a variety of rhetorical modes, thus demonstrating control over all aspects of their writing, consistently using mature academic discourse. The students will recognize and employ mature vocabulary and participate in class discussion by offering in-depth opinions, observations, and commentary, asking probing questions, and demonstrating a mental dialogue with the text. Students must meet the above-referenced grade requirement to enter this course.

# SENIOR ENGLISH

Seniors who anticipate early graduation need to see their counselor to register for English.

## **429 - ENGLISH 12**

*Full Year • 1 credit • Required unless taking Extended Thematic Studies in Literature 12 or Advanced Placement English 12.*

The works of important British writers will be the focus of senior literature. Students will read and analyze selected essays, poems, short stories, plays, and a novel. Students will write several types of essays related to course literature. Creative and technical writing will also be explored. Additional vocabulary development will help prepare students for college placement tests and to enhance personal growth.

## **432 - EXTENDED THEMATIC STUDIES IN LITERATURE 12 (Senior)**

*Full Year • 1 credit • Elective • Fulfills Senior English requirements for English 12.*

This course is the second year of a two-year, team-taught junior/senior language arts program, which encompasses the study of British and American literature. Students will read a minimum of three independent novels. In addition to the structure of composition, debate, and research, the senior year includes mentoring and a senior project. Students will have opportunities for creative and independent enrichment activities such as peer teaching, in-depth analysis, and integrated study. Registration is limited to students who participated in their junior year or those seniors who have a teacher recommendation.

## **436AP - ADVANCED PLACEMENT ENGLISH 12**

*Full Year • 1 credit • Elective • Grade 12 • Prerequisite: B or better in Honors English 11 or A- or better in English 11.*

This is a course emphasizing the development of skills in critical reading of "texts of recognized literary merit" and in writing about literature and related ideas. Response to classic and modern literature will be used in class discussions, informal and formal writing assignments, oral presentations, and research. This is for the students capable of doing college-level work in English while they are in secondary school and willing to devote the energy necessary to complete a course more rigorous and demanding than other high school English courses designed for the college-bound student. Required summer reading. The student must take the AP exam to receive the weighted grade.

# ELECTIVES

## **444 - JOURNALISM I**

*Semester • 1/2 credit • Grades 9, 10, 11, 12*

This course will provide an introduction to the basic functions necessary to produce a school newspaper and will greatly benefit students interested in a career in communications. It will cover various topics: history of the mass media, reporting, editing, advertising, budgeting, and newspaper layout in the desktop publishing lab. In addition, the students will write articles for the school newspaper and an emphasis will be placed on writing.

## **446 - JOURNALISM II**

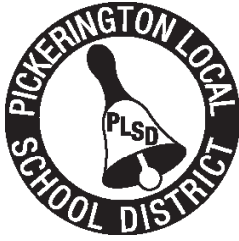
*Full Year • 1 credit • Grades 10, 11, 12 • Strongly recommend C or better in Journalism I/or by Instructor approval.*

This course is offered for students who wish to advance their skills in the field of journalism. The course will concentrate entirely on the production of the high school news magazine: Insights. Students will construct and publish on a monthly basis a school newspaper. News reporting, photography, advertising, and page make-up will be emphasized. Journalism will be offered on a lab period basis or as an independent study.

## **807 - YEARBOOK**

*Full Year • 1 credit • Grades 9, 10, 11, 12 • Elective • Fee • Instructor approval required • PHSN Only*

Students learn the basics of magazine layout and design, copy writing, marketing, desktop publishing, photography, and deadline production. Students will produce pages in the yearbook. As students learn, they will earn the opportunity to work toward editorial positions. Yearbook may be offered as an independent study (see instructor).



# THEATRE DEPARTMENT

COURSE NO.	TITLE	AVAILABILITY	CREDIT	LENGTH
560	Theatre I	9 10 11 12	.50	S
562	Theatre II	9 10 11 12	.50	S
564	Theatre III	10 11 12	.50	S
566	Theatre IV	10 11 12	.50	S
568	Theatre Production I	9 10 11 12	.50	S
570	Theatre Production II	9 10 11 12	.50	S
572	Theatre Production III	10 11 12	.50	S
574	Theatre Production IV	10 11 12	.50	S

## 560 - THEATRE I

*Semester • 1/2 credit • Grades 9, 10, 11, 12*

If you've ever fallen under the magical spell of a theatrical production, you will enjoy the activities of this class. You'll get a taste of various aspects of theatre, including acting, improvisations, makeup, stage combat, and theatre history. We will include work on pantomimes, monologues, dialogues, and short scenes.

## 562 - THEATRE II

*Semester • 1/2 credit • Grades 9, 10, 11, 12 • Prerequisite: Theatre I.*

This class is a further extension of Theatre I and allows you to creatively explore the dynamics of acting. You will create roles, analyze characters, and develop those characters for performance. One-act presentations will be performed by these class members.

## 564 - THEATRE III

*Semester • 1/2 credit • Grades 10, 11, 12 • Prerequisites: Theatre I and Theatre II and **AUDITION** for the instructor.*

This is for the advanced theatre student who may be interested in acting, directing, or production work. This class produces the Holiday Dinner-Theatre or other special events and helps with the production of the Fall Play. **Audition Process:** prepare a monologue and sign up for an audition in January. The class list will then be posted after auditions are complete.

## 566 - THEATRE IV

*Semester • 1/2 credit • Grades 10, 11, 12 • Prerequisite: Theatre I and II, Independent Theatre I and **AUDITION** for the instructor.*

This course is for those students who want to produce longer works. Class members will produce a Mystery Dinner-Theatre or other special event and help in the production of the Spring Musical. **Audition process:** prepare a monologue and sign up for an audition in January. The class list will then be posted after auditions are complete.

## 568 - THEATRE PRODUCTION I

*Semester • 1/2 credit • Grades 9, 10, 11, 12*

This course is designed to be a practical, hands-on approach to theatre. Students will be introduced to the fundamentals of lighting, sound, and rigging and will concentrate on learning the fundamentals of scenery construction by helping to construct the set for the Fall Play. They will also serve as crew members for various school district events which are produced in the Performing Arts Center.

## 570 - THEATRE PRODUCTION II

*Semester • 1/2 credit • Grades 9, 10, 11, 12*

This course is a continuation of Theatre Production I. Greater emphasis is placed on lighting, sound, and rigging. Students will serve as construction crew members for the Spring Musical and also serve as crew members for various school district events which are produced in the Performing Arts Center.

### **572 - THEATRE PRODUCTION III**

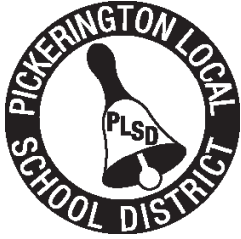
*Semester • 1/2 credit • Grades 10, 11, 12 • Prerequisite: Theatre Production I and Theatre Production II, Extensive experience on crews of the Fall Play and Spring Musicals, and permission of Instructor - INTERVIEW/AUDITION for the instructor.*

This class is for the serious technical theatre production student who has displayed outstanding technical and theatre construction skills on previous main stage productions. Under the direction of the instructor, the student will produce demanding projects during the semester. This class provides 1/2 Arts credit for college.

### **574 - THEATRE PRODUCTION IV**

*Semester • 1/2 credit • Grades 10, 11, 12 • Prerequisite: Independent Theatre Production I, Extensive experience on production crews of the Fall Play and Spring Musicals, and permission of Instructor - INTERVIEW/AUDITION for the instructor.*

This class is a continuation of Theatre Production III. The student will produce challenging works in the technical or construction fields under the direction of the instructor. This class provides 1/2 Arts credit for college.



# FOREIGN LANGUAGE DEPARTMENT

COURSE NO.	TITLE	AVAILABILITY	CREDIT	LENGTH
630	American Sign Language I	9 10 11 12	1.00	Y
632	American Sign Language II	10 11 12	1.00	Y
634	American Sign Language III	11 12	1.00	Y
640	French I	9 10 11 12	1.00	Y
642	French II	9 10 11 12	1.00	Y
644	French III	10 11 12	1.00	Y
646H	French IV Honors	11 12	1.00	Y
648H	French V Honors	12	1.00	Y
650	German I	9 10 11 12	1.00	Y
652	German II	9 10 11 12	1.00	Y
654	German III	10 11 12	1.00	Y
656H	German IV Honors	11 12	1.00	Y
658H	German V Honors	12	1.00	Y
670	Spanish I	9 10 11 12	1.00	Y
672	Spanish II	9 10 11 12	1.00	Y
674	Spanish III	10 11 12	1.00	Y
676H	Spanish IV Honors	11 12	1.00	Y
678H	Spanish V Honors	12	1.00	Y

NOTE: In all foreign language courses the student may be required to purchase supplemental materials and have access to the Internet.

## 630 - AMERICAN SIGN LANGUAGE I

Full Year • 1 credit • Elective • Grades 9, 10, 11, 12 • Fee (workbook) • *PHSN Only*

During this course the students will study the vocabulary, grammar, and structure of ASL in order to learn expressive (signing) and receptive (comprehension) skills. Deaf culture and the literature of ASL will also be studied. Guest signers and artistic events will give students an opportunity to interact with deaf community members. The course is mainly conducted in ASL. Students will be evaluated using tests, quizzes, written reports, homework assignments, daily participation, and assessment of student videotapes. ASL is memorizing and studying the vocabulary and grammar of the language. (Some colleges and universities accept ASL as a foreign language credit. Check with your counselor.)

## 632 - AMERICAN SIGN LANGUAGE II

Full Year • 1 credit • Elective • Grades 10, 11, 12 • Fee (workbook) • *Prerequisite: C or better first semester average in American Sign Language I, and maintained through course completion, or permission from instructor.*

This class is designed to develop more fully the student's ability to comprehend and express ASL. The majority of the class is conducted in ASL, including instructions, information, and activities. Each student will have the opportunity to create original dialogues, practice communicating about various daily situations, and learn to talk about his/her own interests and experiences in ASL. Cultural awareness and sensitivity will be emphasized by interaction with the deaf community. Students will also continue to view videotapes of native ASL speakers. This fast-paced course requires daily work participating in class, memorizing vocabulary, studying the language structure, and preparing for tests, assignments, reports, and student videotapes. (Some colleges and universities accept ASL as a foreign language credit. Check with your counselor.)

### **634 - AMERICAN SIGN LANGUAGE III**

*Full Year • 1 credit • Elective • Grades 11, 12 • Fee (workbook) • Prerequisite: C or better first semester average in American Sign Language II, and maintained through course completion, or permission from the instructor.*

By the time you reach this level of sign language you should be fluent. This class is conducted in ASL, including activities, information, questions and answers. You will practice various conversations with classmates in ASL as well as make up your own to sign to the class. Body language and facial features are extremely important to get your point across in ASL. Students will continue the video activities and interpreting from the previous levels but more challenging. We will explore various career opportunities available using ASL and have guest speakers talk about how it is important to know/use ASL at their job. There will be a few projects including teaching a lesson ASL pretending the students are in elementary school. You are expected to remember vocabulary from the last two years and will add onto it. (Some colleges and universities accept ASL as a foreign language credit. Check with your counselor.)

### **640 - FRENCH I**

*Full Year • 1 credit • Elective • Grades 9, 10, 11, 12*

The study of French begins with strategies for learning a second language. Subsequent chapters introduce basic grammar and vocabulary and various French-speaking communities. French speaking attitudes and practices concerning vacations, school, family, relationships, and sports and leisure time activities are presented through characters involved in real-life, everyday activities. Proficiency in listening, speaking, reading and writing is developed through interaction with a variety of media such as video, CD's, music, games and the Internet.

### **642 - FRENCH II**

*Full Year • 1 credit • Elective • Grades 9, 10, 11, 12 • Prerequisite: C or better first semester average in French I, and maintained through course completion, or permission from the instructor.*

Cultural themes in Level 2 focus on additional French-speaking communities. More complex grammatical concepts and vocabulary build on the basic skills acquired in Level 1. The method of instruction again stresses interaction with a variety of media which presents current reality in today's French speaking communities.

### **644 - FRENCH III**

*Full Year • 1 credit • Elective • Grades 10, 11, 12 • Prerequisite: C or better first semester average in French II, and maintained through course completion, or permission from the instructor.*

French III completes the basic study of the language with a multimedia approach. The francophone communities of Europe, Africa and North America are presented in greater detail. As in the previous two years, video, CD's, music, games and the Internet are used to enhance the acquisition of active language skills. Heavy emphasis is placed upon structures and phrases used by French-speaking teens in everyday situations.

### **646H - FRENCH IV HONORS**

*Full Year • 1 credit • Elective • Grades 11, 12 • Prerequisite: C or better first semester average in French III, and maintained through course completion, or permission from the instructor.*

French IV is designed to continue the development of all language skills to increase proficiency on college placement tests in French. As students read a novel and short stories, comprehension and fluency is increased through class discussion. Writing skills are fine-tuned through short compositions. An appreciation of French customs and history is also developed with videos and individual projects.

### **648H - FRENCH V HONORS**

*Full Year • 1 credit • Elective • Grade 12 • Prerequisite: C or better first semester average in French IV, and maintained through course completion, or permission from the instructor.*

French V offers the student the unique opportunity to expand all language skills: listening, speaking, reading, and writing to a high level of proficiency, with continued study of target cultures and literature, all with authentic materials, including the internet. Part of the course content will consist of individual and group student projects to encourage autonomous student use of the language.

### **650 - GERMAN I**

*Full Year • 1 credit • Elective • Grades 9, 10, 11, 12*

This course is a study of the language and culture of German-speaking people. Emphasis is placed on the development of listening and speaking skills. Vocabulary and grammar are taught through conversational situations, language games and videos.

## **652 - GERMAN II**

*Full Year • 1 credit • Elective • Grades 9, 10, 11, 12 • Prerequisite: C or better first semester average in German I, and maintained through course completion, or permission from the instructor.*

German II is a continuation of German I, with a more intent study of grammar and a continued study of culture. Vocabulary, speaking, listening, reading, and writing skills are increased as more of the course is taught in the foreign language itself.

## **654 - GERMAN III**

*Full Year • 1 credit • Elective • Grades 10, 11, 12 • Prerequisite: C or better first semester average in German II, and maintained through course completion, or permission from the instructor.*

German III rounds out the development of a basic proficiency in the four language skills: listening, speaking, reading, and writing. It also reviews and expands the study of all basic grammatical structures. Cultural awareness is expanded and a greater emphasis is placed on vocabulary development and the reading and writing skills. At the conclusion of the course, the students will be able to communicate in oral and written German and will be ready to begin reading German literature and periodicals.

## **656H - GERMAN IV HONORS**

*Full Year • 1 credit • Elective • Grades 11, 12 • Prerequisite: C or better first semester average in German III, and maintained through course completion, or permission from the instructor.*

German IV will be taught basically in German with explanations and discussion of reading texts, including short stories, a novel, a play, and non-fiction and periodical articles. Individual attention will be given to each student's writing skill development through composition assignments, including remedial work on individual grammar needs. Reading comprehension, vocabulary expansion, development of fluency in oral and written language skills, and an understanding of Germany's past and present through fiction and nonfiction are the primary goals.

## **658H - GERMAN V HONORS**

*Full Year • 1 credit • Elective • Grade 12 • Prerequisite: C or better first semester average in German IV, and maintained through course completion, or permission from the instructor.*

German V offers the student the unique opportunity to expand all language skills: listening, speaking, reading, and writing to a high level of proficiency, with continued study of target cultures and literature, all with authentic materials, including the internet. Part of the course content will consist of individual and group projects to encourage autonomous student use of the language.

## **670 - SPANISH I**

*Full Year • 1 credit • Elective • Grades 9, 10, 11, 12*

This course is a study of the language and culture of Spanish-speaking people. Listening and speaking skills are stressed, along with a strong foundation in conversational vocabulary. Grammar is taught through conversational situations and writing practice.

## **672 - SPANISH II**

*Full Year • 1 credit • Elective • Grades 9, 10, 11, 12 • Prerequisite: C or better first semester average in Spanish I, and maintained through course completion, or permission from the instructor.*

Spanish II is a continuation of Spanish I. Basic grammar and vocabulary are expanded to cover more complex concepts and new verb tenses are learned. Culture studies add to the students' understanding of the Hispanic people. Listening, speaking, reading, and writing are stressed to improve the understanding of both the language and the people who speak it.

## **674 - SPANISH III**

*Full Year • 1 credit • Elective • Grades 10, 11, 12 • Prerequisite: C or better first semester average in Spanish II, and maintained through course completion, or permission from the instructor.*

Spanish III presents a period of review in grammatical structures through reading selections. The major emphasis of this course is on communicative competency, listening and oral skills are stressed. A survey of Spanish culture and civilization is provided through films and projects. Writing skills are developed through paragraph construction. At the conclusion of the course, students will be ready to begin reading Spanish literature.

## **676H - SPANISH IV HONORS**

*Full Year • 1 credit • Elective • Grade 11, 12 • Prerequisite: C or better first semester average in Spanish IV, and maintained through course completion, or permission of the instructor.*

Spanish IV continues to emphasize communicative competency. The development of reading skills is achieved through literature. Writing skills are developed through compositions. There is emphasis on the reading and comprehension of native authors. A comprehensive grammar review is also provided in the course.

## **678H - SPANISH V HONORS**

*Full Year • 1 credit • Elective • Grade 12 • Prerequisite: C or better first semester average in Spanish IV, and maintained through course completion, or permission of the instructor.*

Spanish V offers the student the unique opportunity to expand all language skills: listening, speaking, reading, and writing to a high level of proficiency, with continued study of target cultures and literature, all with authentic materials, including the internet. Part of the course content will consist of individual and group student projects to encourage autonomous student use of the language.



# MATHEMATICS DEPARTMENT

COURSE NO.	TITLE	AVAILABILITY	CREDIT	LENGTH
300	Fundamental Math Concepts	9 10 11	1.00	Y
302	Algebra I	9 10 11 12	1.00	Y
306	Fundamental Algebra	9 10 11	1.00	Y
308	Geometry	9 10 11 12	1.00	Y
310H	Honors Geometry	9 10	1.00	Y
312	Fundamental Geometry	10 11 12	1.00	Y
314	Algebra II	10 11 12	1.00	Y
315	Fundamental Algebra II	11 12	1.00	Y
316H	Honors Algebra II	10 11 12	1.00	Y
322	Statistics	11 12	1.00	Y
324	Pre-Calculus	11 12	1.00	Y
328H	Honors Pre-Calculus	11 12	1.00	Y
334	College Math V	12	1.00	Y
338AP	Advanced Placement Calculus AB	12	1.00	Y
340AP	Advanced Placement Statistics	11 12	1.00	Y

**No Fundamental Math course will meet athletic requirements for NCAA eligibility.**

*Resource Room classes may be offered to students with a current I.E.P. and meet requirements for graduation. Courses are scheduled with permission from Resource Room teachers or tutors.*

## CALCULATOR INFORMATION

A math fee will be charged of all incoming freshman math students. This fee will supply the student with the same scientific calculator that will be used for the Ohio Graduation Test. Providing each student with this calculator will give them daily practice in its use and functions.

A scientific calculator is required for Fundamental Math Concepts, Fundamental Algebra, Algebra I, Honors Algebra I, Fundamental Geometry, Geometry and Honors Geometry. *The OGT calculator model TI30XIIS is recommended.*

A Graphing Calculator is required for Algebra II and Honors Algebra II, Pre-Calculus, Honors Pre-Calculus, Statistics, College Transition Math, Math V, AP Calculus and AP Statistics. *The recommended Graphing Calculator is TI83, TI83 plus, TI84, or TI84 plus.*

When purchasing a calculator, please consider the courses your child is planning to take in high school.

**Because of changing technology, we do not recommend purchasing a Graphing Calculator until the year your child will enroll in a class which requires this calculator.**

## 300 - FUNDAMENTAL MATH CONCEPTS

*Full Year • 1 credit • Elective • Grades 9, 10, 11*

Fundamental Math Concepts is for the student who is functional in the use of whole numbers, fractions, decimal, and English measurement units, and is ready to use these skills to solve relevant everyday problems. The course extends the student's proficiency in the use of estimation, percents, measurement, algebraic concepts, geometric concepts, data analysis, probability, and problem-solving. This course is designed to challenge the student in need of further mathematical development, and will emphasize learning outcomes for the OGT (Ohio Graduation Test). It is intended to prepare the student for Fundamental Algebra or Algebra I. CALCULATOR — see Calculator Information at beginning of section.

### **302 - ALGEBRA I**

*Full year • 1 credit • Elective • Grades 9, 10, 11, 12 • Strongly recommend: no lower than a C in 8th grade Integrated Math or Fundamental Math Concepts.*

The purpose of Algebra I is to introduce the students to the field of advanced mathematics and help them to determine their interests and potential in this discipline. Items presented include: set relations; functions; real number properties; solving and graphing linear equations and inequalities; systems of linear equations and inequalities; properties of exponents; quadratic equations; operations with polynomials; factoring; rational and radical expressions and equations; and algebraic connections to geometry. CALCULATOR — see Calculator Information at beginning of section.

### **306 - FUNDAMENTAL ALGEBRA**

*Full Year • 1 credit • Elective • Grades 9, 10, 11 • Prerequisite: Must have previous math credit in Fundamental Math Concepts, or recommendation of 8th grade teacher.*

This course is intended for the non-college prep student or someone who needs further instruction on basic algebraic concepts. The course will extend the student's proficiency in patterns, relations and functions, problem solving, measurement, estimation computation, and data analysis. Items presented will include: properties of real numbers, solving and graphing linear equations and inequalities, factoring, and simplifying and solving rational expressions. Significant time is spent on OGT (topics outside of Algebra I). CALCULATOR — see Calculator Information at beginning of section.

### **308 - GEOMETRY**

*Full Year • 1 Credit • Elective • Grades 9, 10, 11, 12 • Strongly recommend: C- average or above in Algebra I, but must have Algebra I credit.*

The study of geometry provides students the opportunity to describe and apply the properties of similar and congruent figures, to apply the Pythagorean Theorem, to understand angles, parallel and perpendicular lines, to explore compass and straightedge construction in the context of geometric theorems, and to use a variety of techniques of proof.

CALCULATOR — see Calculator Information at beginning of section.

### **310H - HONORS GEOMETRY**

*Full Year • 1 credit • Elective • Grades 9, 10 • Prerequisite: B or better is needed in Honors Algebra I or A- or better in Algebra I.*

See description of Geometry for basic outline of course. Honors Geometry covers all objectives of regular Geometry with the addition of a few selected topics. Students in Honors Geometry will be expected to maintain a quicker pace, investigate various topics in greater depth, and accept the challenge to solve problems of greater difficulty than their Geometry counterparts.

Entry into Honors Geometry will be done on a selective basis. Students who do not qualify will automatically be placed in Geometry.

CALCULATOR — see Calculator Information at beginning of section.

### **312 - FUNDAMENTAL GEOMETRY**

*Full Year • 1 credit • Elective • Grades 10, 11, 12 • Prerequisite: Must have previous math credit in Fundamental Algebra.*

Fundamental Geometry is the third course of the Fundamental Math series. It is intended as an alternative for non-college prep students who need a third math credit to fulfill graduation requirements. Fundamental Geometry focuses on key topics that will provide the student with a solid foundation in the essentials of geometry. Topics include the basics of geometry, triangle relationships, quadrilaterals, similarity, area of polygons, surface area and volume of solid figures, right triangle relationships, and circles.

CALCULATOR — see Calculator Information at beginning of section.

### **314 - ALGEBRA II**

*Full Year • 1 credit • Elective • Grades 10, 11, 12 • Strongly recommend: C- or better average in Geometry. Also must have passed Algebra I.*

This course reviews the essentials of Algebra I and covers such topics as: linear functions, systems of linear equations and inequalities, polynomial and rational algebraic expressions, exponents and logarithms, complex numbers, sequences and series, probability and trigonometry with an emphasis on problem solving. A graphing calculator is required.

CALCULATOR — see Calculator Information at beginning of section.

### **315 - FUNDAMENTAL ALGEBRA II**

*Full Year • 1 credit • Elective • Grades 10, 11, 12 • Prerequisite Course: Geometry or Fundamental Geometry AND Algebra I or Fundamental Algebra*

This course is intended for the non-college prep student or someone who needs further instruction in algebra. Fundamental Algebra II reviews key topics from Algebra I/Fundamental Algebra and covers such topics as linear, quadratic, rational, and exponential functions, complex numbers, probability and trigonometry with an emphasis on problem solving. CALCULATOR — see Calculator Information at beginning of section.

## **316H - HONORS ALGEBRA II**

*Full Year • 1 credit • Elective • Grades 10, 11, 12 • Prerequisite: B or better is needed in Honors Geometry or A- or better is needed in Geometry.*  
See description of Algebra II for basic outline of course. Honors Algebra II covers all objectives of regular Algebra II with the addition of a few selected topics. Students in Honors Algebra II will be expected to maintain a quicker pace, investigate various topics in greater depth, and accept the challenge to solve problems of greater difficulty than their Algebra II counterparts. Entry into Honors Algebra II will be done on a selective basis. Students who do not qualify will automatically be placed in Algebra II. CALCULATOR — see Calculator Information at beginning of section.

## **322 - STATISTICS**

*Full Year • 1 credit • Elective • Grades 11, 12 • Strongly recommend: C- or better in Algebra II, or Pre-Calculus, but must have Algebra II credit.*  
An Algebra II credit is required. This course is designed to follow either Algebra II or Pre-Calculus. Some work will involve Excel spreadsheet software. The course will emphasize decision-making based upon data analysis. Topics include probability, discrete and normal distributions, confidence intervals, hypothesis testing, and regression analysis. It is intended for the college bound student. CALCULATOR — see Calculator Information at beginning of section.

## **324 - PRE-CALCULUS**

*Full Year • 1 credit • Elective • Grades 11, 12 • Strongly recommend: C- or better in Algebra II, but must have Algebra II credit.*  
Pre-Calculus is for the college bound student who has completed Algebra I, Geometry, and Algebra II. The course will primarily expand the student's proficiency in analysis, trigonometric concepts, algebraic concepts, problem solving, real and complex number systems and elementary calculus. It is intended to prepare the student for college mathematics courses above Algebra. CALCULATOR — see Calculator Information at beginning of section.

## **328H - HONORS PRE-CALCULUS**

*Full Year • 1 credit • Elective • Grades 11, 12 • Prerequisite: B or better is needed in Honors Algebra II or A- or better in Algebra II.*  
See description of Pre-Calculus for basic outline of course. Honors Pre-Calculus covers all objectives of regular Pre-Calculus with the addition of a few selected topics. Students in Honors Pre-Calculus will be expected to maintain a quicker pace, investigate various topics in greater depth, and accept the challenge to solve problems of greater difficulty than their Pre-Calculus counterparts. Entry into Honors Pre-Calculus will be done on a selective basis. Students who do not qualify will automatically be placed in Pre-Calculus. CALCULATOR — see Calculator Information at beginning of section.

## **334 - COLLEGE MATH V**

*Full Year • 1 credit • Elective • Grade 12 • Strongly recommend: C- or better in Pre-Calculus. No calculator above TI85 will be permitted.*  
Math V is designed for those students planning to enter Calculus in college. Topics to be presented will include function theory, sequences, functions and limits, derivatives, algebraic functions, integration, logarithmic functions, set theory, real number theory, logic, determinants and matrices, statistics and probability. Algebraic and trigonometric skills and procedures will also be maintained. The course will be taught from an intuitive, numeric point of view using the computer and graphing calculator to explore these topics. First semester focus will be calculus, and second semester will focus on discrete math. CALCULATOR — see Calculator Information at beginning of section.

## **338AP - ADVANCED PLACEMENT CALCULUS AB**

*Full Year • 1 credit • Elective • Grade 12 • Prerequisite: B or better is needed in Honors Pre-Calculus or A- or better in Pre-Calculus.*  
This course is designed for the fifth-year mathematics student and consists of a full academic year of work in Calculus comparable to courses in colleges and universities. AP Calculus emphasizes both algebraic and graphical solutions to problems. Topics included are functions, limits, derivatives, antiderivatives, integrals and their applications. Students must take the AP exam in May in order to receive the weighted grade. CALCULATOR — see Calculator Information at beginning of section.

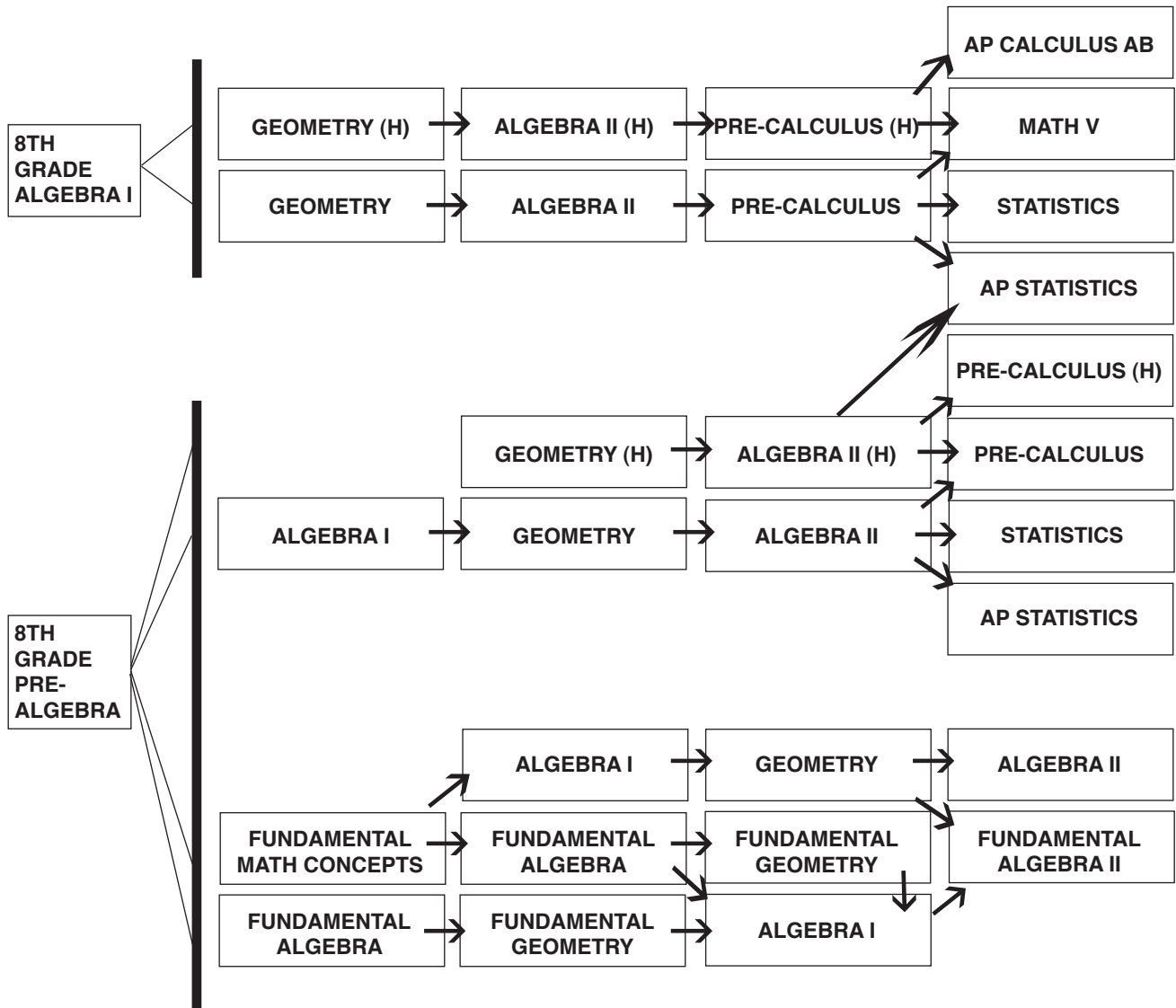
### 340AP - ADVANCED PLACEMENT STATISTICS

Full Year • 1 credit • Elective • Grades 11, 12 • Prerequisite: A- or better in Algebra II or B or better in Pre-Calculus.

This course is intended for the college-bound student and is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. Students are introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Topics include: Exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students must take the AP exam in May in order to receive the weighted grade. CALCULATOR — see Calculator Information at beginning of section.

## MATH DEPARTMENT FLOW CHART

**\*\* STUDENTS MAY MOVE BETWEEN LEVELS WITH THE TEACHER'S AND THE DEPARTMENT'S RECOMMENDATION.\*\***





# SCIENCE DEPARTMENT

## COURSE

NO.	TITLE	AVAILABILITY	CREDIT	LENGTH
200	Biology A	10 11 12	.50	S
205	Integrated Science	9	1.00	Y
214	Chemistry A	9 10 11 12	.50	S
230	Earth Science A	9 10 11 12	.50	S
238	Physical Science A	10 11 12	.50	S
220	Chemistry B	10 11 12	.50	S
222H	Honors Chemistry B	10 11 12	1.00	Y
219	Forensic Science	10 11 12	.50	S
228AP	AP Chemistry	10 11 12	1.00	Y
202	Biology B	10 11 12	.50	S
204H	Honors Biology B	10 11 12	.50	S
208H	Honors Anatomy and Physiology	10 11 12	.50	S
206	Ecology	10 11 12	.50	S
210	Genetics	10 11 12	.50	S
212AP	AP Biology	10 11 12	1.00	Y
232	Meteorology and Oceanography	10 11 12	.50	S
234	Astronomy	10 11 12	.50	S
247	Physics	10 11 12	1.00	Y
244H	Honors Physics	10 11 12	1.00	Y
250AP	AP Physics	11 12	1.00	Y

*Resource Room classes may be offered to students with a current I.E.P. and who meet requirements for graduation.*

*Courses are scheduled with permission from Resource Room teachers or tutors.*

The Pickerington High School offers a variety of coursework to meet the needs of all students as they prepare for their future in college, technical, and work situations. Three credits of science are required for graduation from Pickerington High Schools, one credit of Physical Science, one credit of Life Science and one credit of an advanced study in science. For students graduating in the year 2014 or below (2012, 2013) students must have taken the following courses:

- a) One full credit in biological science which is accomplished by taking a semester of Biology A followed by a semester of Biology B.
- b) One semester in each of the following: Chemistry A, Earth Science A, and Physical Science.
- c) One elective semester which could include: Chemistry B, any of the second semester Earth Science courses, Physics, or upper level biology courses.

Beginning with the graduating class of 2015, students will take Integrated Science in the ninth grade and Biology in the 10th grade. Incoming ninth graders for the 2011-2012 school year who have earned high school credit in the eighth grade will take Chemistry A and Earth A.

Regardless of the requirements for graduation, each student should review the recommendations for college admission, honors diploma, vocational school and specific career choices to ensure that they select the courses that provide them with the best background possible to enhance their ability to attain goals they have set for themselves.



# SCIENCE DEPARTMENT FLOW CHART

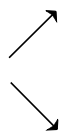


## Required Courses

## Elective Courses

In addition to the required courses on the left side of this page, one semester of elective science (1/2 credit) is required for graduation.

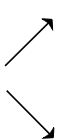
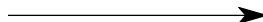
Earth Science A  
(semester) ✓



Astronomy  
(semester)

Meteorology and  
Oceanography  
(semester)

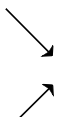
Physical Science A  
(semester) ✓



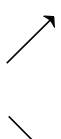
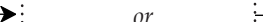
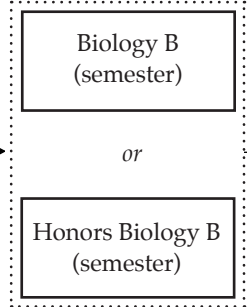
Physics  
(year long)

Honors Physics  
(year long)

AP Physics  
(year long)



Biology A  
(semester) ✓

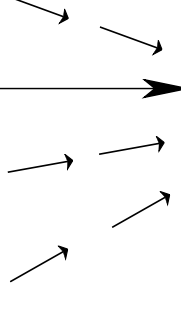


Genetics  
(semester)

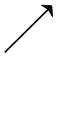
Ecology  
(semester)

Honors Anatomy and  
Physiology  
(semester)

AP Biology  
(year long)



Chemistry A  
(semester) ✓

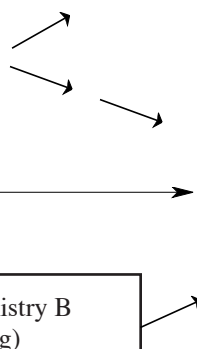


Forensic Science  
(semester)

Chemistry B  
(semester)

Honors Chemistry B  
(year long)

AP Chemistry  
(year long)



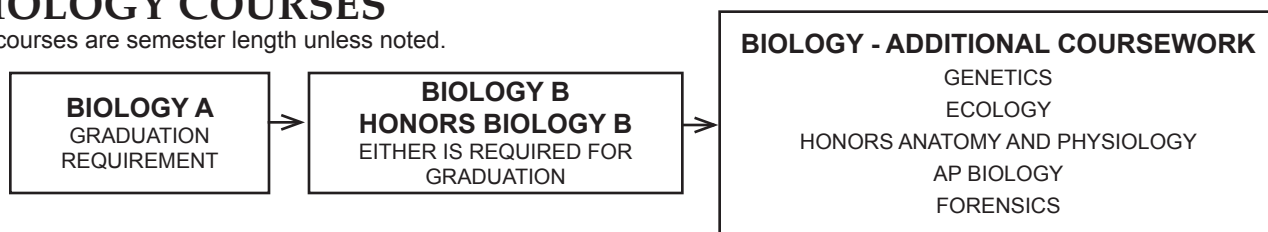
✓ denotes courses that students must take by the end of their sophomore year **regardless of pass/fail status.**

## Prerequisites for Honors and Advanced Placement Science Courses

It is highly recommended that the student complete two A science courses before taking an Honors B science course. **For all upper level Honors or Advanced Placement courses**, the course prerequisites are stated in the individual course descriptions. These requirements may include successful completion of prerequisite science courses, a pre-screening signature, and certain grade requirements. Math prerequisites may also apply for Advanced Placement courses. Students who do not meet these prerequisites may submit an application to the science department head for consideration. A committee of science teachers/administrator counseling personnel will meet to approve the student's application and decide if appropriate rationale exists for the student's request for admittance into the course. In order to receive a weighted grade in Advanced Placement courses, all AP students must take the appropriate AP exam.

## BIOLOGY COURSES

All courses are semester length unless noted.



## BIOLOGY COURSE DESCRIPTIONS

### 200 - BIOLOGY A

*Semester • 1/2 credit • Grades 10, 11, 12 • Requirement for graduation • Fee • Prerequisite: for Biology B or Honors Biology B.*

This course will emphasize biology concepts including the nature of life, the environment, and scientific classification and naming. In addition, a thorough discussion of taxonomy will be a focus of the course, with students learning about organisms ranging from bacteria, fungi, protists, plants, and animals. Students will be expected to describe the relationship between an organism's structure and its function. A laboratory approach will be used to encourage students to develop inquiry skills, process skills, and a working knowledge of biology. Knowledge and skills gained will be applied by students in individual and cooperative projects related to course themes.

### 202 - BIOLOGY B

*Semester • 1/2 credit • Grades 10, 11, 12 • Requirement for graduation • Fee • Prerequisite: Biology A and Chemistry A (which may be taken concurrently) • Biology B or Honors Biology B is a prerequisite for additional biology courses.*

Course topics for Biology B include the biochemical processes of living cells and an understanding of the basic organization of prokaryotic and eukaryotic cells. Also, the course will include an advanced study in genetics and change over time. The course will ask students to relate these topics to better understand how organisms' genetics affect their cellular processes, their behavior, and species' adaptations over time. Finally, the course will involve a taxonomic study of human systems and relate how humans fit in with the taxonomic hierarchy studied in Biology A. Completion of Biology A and Biology B make up a full year of biology, and meets the biology requirement for graduation.

### 204H - HONORS BIOLOGY B

*Semester • 1/2 credit • Fee • Grades 10, 11, 12 • Requirement for graduation • Prerequisite: Biology A and Chemistry A (B or better in both of these courses) • Biology B or Honors Biology B is a prerequisite for additional biology courses.*

This course is intended to challenge the student who plans to pursue a career in the sciences. The topics will be the same as in Biology B but they will be covered in more depth and detail. Additionally, the course will require more independent thinking, research and effort on the part of students. The student is expected to work well independently and as a member of a team. There will be additional time requirements outside of the regular school day when students need to complete extended biology projects. Enrollment in this course will be on a selective basis. Students who do not qualify according to the above prerequisites will automatically be placed in Biology B.

### 206 - ECOLOGY

*Semester • 1/2 credit • Fee • Grades 10, 11, 12 • Prerequisite is successful completion of Biology B or Honors Biology B.*

Students will study the interaction of living organisms with each other and their environments. Students will examine how ecosystems function as well as man's interaction with the environment. The focus of this class will be research projects that allow students to develop a greater understanding and appreciation for our local environment. Projects may require students to be involved in research outside of normal class hours and to take an active role in studying ecological relationships in the central Ohio area. Students should expect to go outside in all types of weather to complete projects and laboratory investigations, and they will be asked to dress appropriately on days where class will be held outside.

## **208H - HONORS ANATOMY AND PHYSIOLOGY**

*Semester • 1/2 credit • Fee • Grades 10, 11, 12 • Prerequisite: Biology B (B or better), or Honors Biology B (B or better).*

The major topics discussed will include anatomy of organisms and the reactions that describe the biological processes of living organisms. Laboratory investigations will provide an in depth look at a typical mammal (the fetal pig) by observing, comparing, and contrasting the various systems. Additional activities will incorporate the interrelationships of the systems and how they function in a living organism.

## **210 - GENETICS**

*Semester • 1/2 credit • Fee • Grades 10, 11, 12 • Prerequisite: Biology B (B or better), or Honors Biology B (B or better).*

This course will review and further emphasize the role of genetics in our society. The student will study the process of determining genotypes and phenotypes in dihybrid and predict the probability of their existence. The student will study a variety of situations in which genetics is important including diseases, plant genetics for improving characteristics, genetic engineering for the production of pharmaceuticals such as insulin. Laboratory activities will enhance the experiences for the student to understand these concepts.

## **212AP - ADVANCED PLACEMENT BIOLOGY**

*Full year • 1 credit • Fee • Grades 10, 11, 12 • Prerequisite: completion of all "A" science courses; has an A- or better in Biology B and Chemistry B, or B or better in Honors Biology B and Honors Chemistry B • AP Exam and semester exams required due to weighted grade..*

Any of the following courses are excellent support courses and are strongly recommended either previous or concurrent to taking Advanced Placement Biology: Honors Chemistry B, Honors Anatomy/Physiology, Honors Genetics.

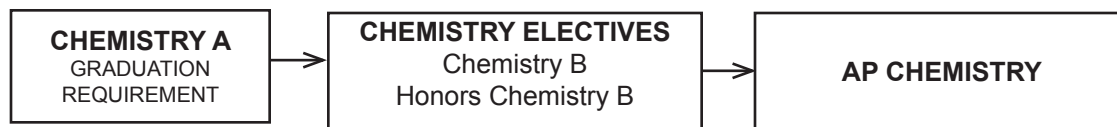
This course is the equivalent of the college freshman biology course following the prescribed curriculum as published by the AP Board. This course is an excellent preparation for premedical, nursing, veterinarian, industrial hygienist, and other health related careers. The student must be able to work independently. Individual and creative laboratory work is an integral part of the course of study. The following topics will be studied during the course: Molecules and Cells, Heredity and Evolution, and Organisms and Populations. Additional time for lab work may be required. See instructor for details.

## **219 - FORENSICS**

*Semester • 1/2 credit • 1 period a day • Fee • Grades 10, 11, 12 • Chemical splash goggles required but not included in fee. • Prerequisite: Completion of all "A" level science courses.*

This course will examine a variety of topics related to the emerging field of forensic science. Laboratory skills developed in earlier science courses will be emphasized and extended by applying these skills into a variety of areas related to the chemistry, biology and physics. Examples include topics related to ballistics, blood typing, decomposition and DNA analysis. This course will emphasize inquiry and problem solving in the laboratory.

## CHEMISTRY COURSES (all courses are semester length unless noted)



## CHEMISTRY COURSE DESCRIPTIONS

### 214 - CHEMISTRY A

*Semester • 1/2 credit • Grades 9, 10, 11, 12 • Requirement for graduation • Fee • Chemical Splash Goggles - Included with fee • Prerequisite for either Chemistry B or Honors Chemistry B.*

This is a one semester course that is required of all students for graduation and a prerequisite for all additional chemistry classes. This course provides a foundation in both the concepts important to chemistry and the laboratory skills necessary to understand scientific developments in chemistry and related sciences. Students will develop skills in measurement classifying matter and its changes, using the periodic table as a tool for exploring basic reaction types, bonding principles, and solution processes. A variety of consumer applications and biological processes will be explored during the course of the semester.

### 220 - CHEMISTRY B

*Semester • 1/2 credit • Fee • Grades 10, 11, 12 • Chemical Splash Goggles - required; not included in fee • Prerequisite: completion Chemistry A and Algebra I • This course or Honors Chemistry B is required for AP Chemistry courses.*

This course will further extend the concepts and skills developed in the Chemistry A course. Topics will include bonding in molecules, stoichiometry, balancing reactions and predicting products, extensive periodicity, oxidation reduction topics, and acid-base chemistry and equilibrium processes. Students completing Chemistry A and Chemistry B will have taken the equivalent of a full year of chemistry. Many four year colleges recommend a full year of chemistry as a requirement for admission.

### 222H - HONORS CHEMISTRY B

*Full Year • 1 credit • Fee • Grades 10, 11, 12 • Chemical Splash Goggles - required, not included in fee • Prerequisite: Chemistry A (B or better), and Algebra I (B or better).*

Honors Chemistry B is designed to challenge the student who has an interest in science and is considering a career in the sciences. The course will consist of two parts: General Chemistry and Organic Chemistry. The topics covered in General Chemistry will build on Chemistry A topics and will include: bonding, stoichiometry, predicting products, periodicity, Quantum theory, electrochemistry, acids, bases and buffers, and equilibrium processes. Organic Chemistry will begin with a study of saturated and unsaturated hydrocarbons followed with an introduction to the various functional groups. Each functional group will feature studies in naming, classifying, properties and reactions. There will be a special emphasis on biochemistry. Throughout the course, qualitative and quantitative laboratory skills will be explored with a special emphasis on technology.

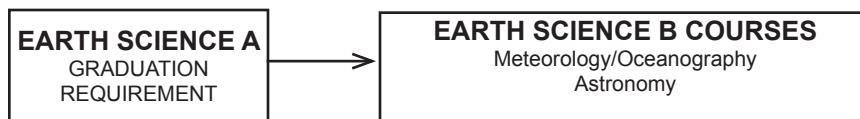
### 228AP - ADVANCED PLACEMENT CHEMISTRY

*Full Year • 1 credit • Fee • Grades 11, 12 • Chemical Splash Goggles - required, but not included in fee • Prerequisite: Chemistry B (A- or better) or Honors Chemistry B (B or better) and Algebra II (B or better). AP exam and semester exam required for weighted grade.*

*Any of the following courses are excellent support courses and are recommended either previous or concurrent to taking Advanced Placement Chemistry: Honors Anatomy/Physiology, Honors Genetics, or any Physics course.*

This course is the equivalent of the college freshman chemistry course following curriculum as prescribed by the AP Board. This course is an excellent preparation for premedical, nursing, veterinarian, industrial hygienist, and engineering related careers. Students are admitted to the course only if they meet the above prerequisites. Students must be able to work independently. Further development of individual laboratory skills introduced in previous courses will be emphasized. Additional time for lab work may be required. Please see instructor for details.

## EARTH SCIENCE COURSES (all courses are semester length unless noted)



## EARTH SCIENCE COURSE DESCRIPTIONS

### 230 - EARTH SCIENCE A

*Semester • 1/2 credit • Grades 9, 10, 11, 12 • Requirement for graduation • Fee • Prerequisite for additional earth science courses.*

Earth Science A is a semester course which explores our interactions with our planet. Topics to be covered will include the earth's resources and their management, dynamics of the earth's surface and its interior, understanding our atmosphere, interpreting the weather, explorations of space, our reliance on our water systems, and our role in using the earth. Student skills in the subject will be developed using a combination of short and long term projects and laboratory work.

### 232 - METEOROLOGY/OCEANOGRAPHY

*Semester • 1/2 credit • Fee • Grades 10, 11, 12 • Prerequisite: Earth Science A.*

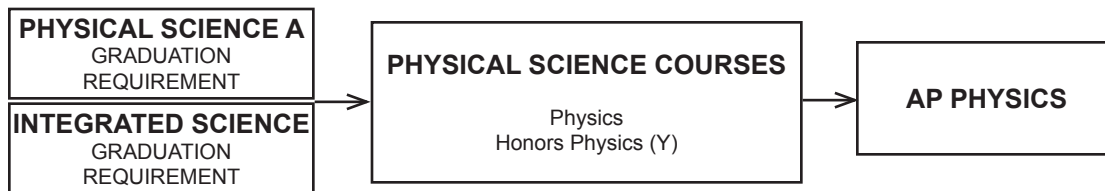
The focus of this course will be on understanding the phenomena that occur on a daily basis in our oceans and how they relate to changes in our atmosphere. Special emphasis will be placed on plate tectonics, ocean currents, ocean exploration, and the effects the ocean has on climate included with analysis of weather data and climactic changes, as well as atmospheric phenomena. Computer literacy will be developed by implementing Internet weather data banks.

### 234 - ASTRONOMY

*Semester • 1/2 credit • Fee • Grades 10, 11, 12 • Prerequisite: Earth Science A.*

Astronomy is a semester course which will focus on the study of our cosmos. Through a combination of laboratory activities, short and long term projects, and other daily class work, the student will review and further expand on the scientific principles of our solar system, galaxy, and universe. Special emphasis will be placed on the history of astronomy, structures in space, and theories behind our world's beginning and interrelationships with the rest of space.

# PHYSICS FLOW CHART (all courses are semester length unless noted)



## PHYSICAL SCIENCE/PHYSICS COURSE DESCRIPTIONS

### 231 - INTEGRATED SCIENCE

*Full Year • 1 credit • 1 period a day • Fee • Prerequisite for other high school science courses.*

Integrated Science is an inquiry-based laboratory course that introduces students to key concepts and theories that provide a foundation for advanced study in the physical sciences such as chemistry, physics, earth and space science. The course comprises the study of the physical world including developing models about classifying matter and how it changes, the particle nature of matter and atomic structure, types of chemical bonding and reactions and the conservation of matter. Energy interactions and the study of forces and motion will be emphasized. Students will also develop an understanding of the periodic table for use in explaining the chemical and physical changes developed in the course. In addition students will be introduced to scientific theories about the origin, development and structure of the universe and the types of nuclear reactions such as those that occur within stars. Integrated Science is a high school introductory level course which, fulfills the Ohio Core requirements for one year of physical science necessary for graduation.

### 238 - PHYSICAL SCIENCE A

*Semester • 1/2 credit • Grades 10, 11, 12 • Requirement for graduation • Fee • Prerequisite for Physical Science B or Physics courses.*

This course will include the following four units: Motion and Forces, Energy, Electricity, and Waves. A laboratory approach will be used to allow students to develop inquiry skills, process skills, and organizational skills for the representation of data in tables, graphs, and models. Applications of the knowledge and skills will be accomplished in a variety of individual and cooperative projects related to the course themes.

### 244H - HONORS PHYSICS

*Full Year • 1 credit • Fee • Grades 10, 11, 12 • Prerequisite: Successful completion of Physical Science A (B or better) and concurrent enrollment in Algebra II or higher math.*

This course is directed toward the student with a deep interest and motivation in science and above average preparation and interest in mathematics. It is designed to prepare students for college majors that require physics. For information about which college majors require physics, please ask your current science teacher or guidance counselor. The course will focus on the classical topics of physics including electricity, magnetism, Newtonian physics, optics, transition states of matter, and topics from modern physics such as quantum theory and special relativity. The theoretical development of the listed topics will be applied to chemistry, engineering, biological sciences and other related areas. Laboratory skills will be designed to encourage problem solving and independent thought, and a variety of tools and technology will be used for collecting and analyzing data. Independent lab and research skills will be encouraged.

### 245 - PHYSICS

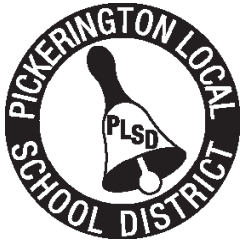
*Full Year • 1 credit • Fee • Grades 10, 11, 12 • Prerequisite: Completion of Physical Science A and concurrent enrollment in Algebra II or higher math.*

The focus of this course will be to develop a better understanding of the physical laws that govern nature through conceptual and mathematical processes and an inquiry-based laboratory approach. Topics include kinematics (position, velocity and acceleration of objects), dynamics and forces, electricity, magnetism heat and optics. Students will collect, analyze and interpret data in the laboratory to develop these concepts. The course is designed to prepare students for college major that require science. Completion of Physics or Honors Physics along with one credit of chemistry and two other science credits will fulfill the science requirements for an Honors Diploma.

### 250AP - ADVANCED PLACEMENT PHYSICS

*Full Year • 1 credit • Fee • Grades 10, 11, 12 • Prerequisite: Physics B (B or better), or Honors Physics (B or better), and Algebra II (B or better) • The AP exam is required for weighted grade*

This course is the equivalent of the college freshman physics course following the prescribed curriculum as published by the AP Board (a non-calculus based course required for many liberal arts arenas). Engineering and pure science majors may use this course to deepen their understanding of college physics principles and procedures. AP Physics will emphasize higher order thinking and problem solving skills in the laboratory and theoretical settings. Students will need to be highly motivated and self-directed in both individual and team based work.



# SOCIAL STUDIES DEPARTMENT

COURSE NO.	TITLE	AVAILABILITY	CREDIT	LENGTH
501	World History	9	1.00	Y
508H	Honors World History	9	1.00	Y
511	American History	10	1.00	Y
518H	Honors American History	10	1.00	Y
520AP	Advanced Placement United States History	10	1.00	Y
522	Principles of Democracy	12	.50	S
526H	Honors Principles of Democracy	12	.50	S
528AP	Advanced Placement Government & Politics	11 12	1.00	Y
530	Economics	11 12	.50	S
535	Advanced Placement Micro/Macroeconomics	11 12	1.00	Y
538	Contemporary Issues	11 12	.50	S
540	Sociology	11 12	.50	S
542	Psychology	11 12	.50	S

**NOTE:** One credit of World History is required for graduation. This course **MUST** be taken during the 9th grade year.

## 501 - WORLD HISTORY

Full Year • 1 credit • Grade 9.

The World History courses will begin with a review of the renaissance, reformation, exploration, age of reason and enlightenment and then focus on the world from 1877 to the modern era. Students will study the variety of emerging global powers and the issues created as the world moved through the 20th century. There will also be an emphasis placed on material related to the learning outcomes for the OGT (Ohio Graduation Test).

## 508H - HONORS WORLD HISTORY

Full Year • 1 credit • Grade 9 • Prerequisite: B+ or better for 1st semester in 8th grade Social Studies.

The World History courses will begin with a review of the renaissance, reformation, exploration, age of reason and enlightenment and then focus on the world from 1877 to the modern era. Students will study the variety of emerging global powers and the issues created as the world moved through the 20th century. In this course, the student can expect to receive less review, cover more content, do work in greater depth and detail, and be consistently more challenged than if enrolled in the regular or college prep section of the same course. The students also are required to do more independent work on additional projects as deemed appropriate by the instructor. This course will emphasize skills in writing, research of topics and analytical thinking. There will also be an emphasis placed on material related to the learning outcomes for the OGT (Ohio Graduation Test).

**NOTE:** One credit of American History at some level is required for graduation. This course must be taken during the 10th grade year.

## 511 - AMERICAN HISTORY

Full Year • 1 credit • Grade 10.

American History will investigate the American experience toward maturity by examining the political, social, religious, and cultural development of America from 1877, the end of the Reconstruction period, to the present.

## **518H - HONORS AMERICAN HISTORY**

*Full Year • 1 credit • Grade 10 • Prerequisite: Must have earned a B or better in Honors World Studies or an A- or better in College Prep World Studies.*

This course will cover the same topics as the College Prep American Studies. In the honors course, the student can expect to receive less review, cover more content, do work in greater depth and detail and be consistently more challenged than in the other levels of American Studies. The students will be required to do more independent work or additional projects as deemed appropriate by the instructor.

**NOTE:** *Advanced Placement courses prepare students for college courses by making demands upon them equivalent to those made by introductory college courses.*

## **520AP - ADVANCED PLACEMENT UNITED STATES HISTORY**

*Full Year • 1 credit • Grade 10 • Prerequisite: Must have earned a B or better in your most recent Honors Social Studies course or an A- in your most recent non-honors class and obtain the signature of your most recent Social Studies teacher.*

The Advance Placement United States History course is a full year course that offers a general survey of American History since the 15th century at college level. Extensive reading, writing, and study skills useful in college will be emphasized. Advanced Placement courses are demanding and require daily homework. The class concludes with a college level exam, prepared by the College board, which, if passed, may result in college credit. The exam is given in May. There is a fee for this exam.

The course is designed to provide a comprehensive overview of U.S. History and to provide students with analytical skills and factual knowledge to deal critically with the problems and materials in United States history. Students should learn to assess historical materials - their relevance to a given interpretive problem their reliability and their importance - and to weigh the evidence and interpretations presented in historical scholarship.

Summer reading may be required, and if so, there will be a meeting in May concerning any summer reading.

**NOTE:** *1/2 credit of Principles of Democracy is required for graduation.*

## **522 - PRINCIPLES OF DEMOCRACY**

*Semester • 1/2 credit • Grade 12*

This one semester course examines the principles and practices of government in the United States. The purpose of the course is to acquaint students with the basic American governmental structure and the skills needed for today's citizen to participate in the governmental process.

## **526H - HONORS PRINCIPLES OF DEMOCRACY**

*Semester • 1/2 credit • Grade 12 • Prerequisite: Must have earned a B or better in your most recent Honors Social Studies course or an A- in your most recent non-honors class.*

This one semester course will take a more extensive in-depth look into the same topics covered by the regular Principles of Democracy course. In the honors course, the student can expect to receive less review, cover more content, do work in greater depth and detail, and be consistently more challenged than in the other levels of Principles of Democracy. Students will be required to do more independent work, or additional projects as deemed appropriate by the instructor. Students will be required to purchase supplemental materials.

**NOTE:** *Advanced Placement courses prepare students for college courses by making demands upon them equivalent to those made by introductory college courses.*

## **528AP - ADVANCED PLACEMENT GOVERNMENT & POLITICS\***

*Full Year • 1 credit • Grades 11, 12 • Prerequisite: Must have earned a B or better in your most recent AP or Honors Social Studies course or an accelerated score on the OGT in Social Studies.*

The AP Government course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials facing the government of the United States. The course objectives are more complex than those of the other POD courses offered at the high school because of the college level nature of the course. The course will thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. The major content areas of the course are: constitutional underpinnings of United States government; political beliefs and behaviors; political parties, interest groups and mass media; institutions of national government: the Congress, the presidency, the bureaucracy, and the federal courts; public policy; and civil rights and civil liberties. The class meets daily for 1 period. Advanced Placement courses are demanding and require daily homework. Students must take the AP exam in May in order to receive the weighted grade. Summer assignments are required. There will be a meeting in May concerning the summer assignments. Failure to complete summer assignments will result in student being dropped from the course.

**NOTE:** *1/2 credit of Economics is required for graduation.*

## **530 - ECONOMICS**

*Semester • 1/2 credit • Grades 11, 12*

Economics examines the economic system of the United States. This course will acquaint students with economic theory and how it applies to the public and private sectors. Topics covered will include the evolution of our economic system, price determination, money and credit, government finance and taxation, unemployment, international trade, as well as other aspects of economics.

## **535AP - ADVANCED PLACEMENT MICRO/MACROECONOMICS**

*Full Year • 1 credit • Grades 11, 12 • Prerequisite: Higher level math skills.*

The AP Economics course will be divided into two parts, Microeconomics in the first semester and Macroeconomics in the second semester. The course is designed to provide students with analytic skills and factual knowledge necessary to deal critically with economic concepts such as, the nature and function of markets, factor markets, efficiency, the role of government in economic systems, output and income, spending and taxation, money and banking, and international trade. The course objectives are more demanding because of the college level nature of the course. AP courses are demanding and require daily homework and reading. There will be a semester exam but no final do to the AP exam. Students must take both AP Micro and AP macro exams in May in order to receive the weighted grade.

## **538 - CONTEMPORARY ISSUES**

*Semester • 1/2 credit • Elective • Grades 11, 12*

Contemporary Issues provides a study of current foreign and domestic topics. Periodicals such as *Time Magazine*, *U.S.A. Today*, *Newsweek*, and *U.S. News and World Report* are used as resources for researching current issues. Upon completion of research on a given topic, students engage in one of the following methods of discussion: group debates, round table discussions, one-on-one crossfire debates, and panel discussions. Students may be required to purchase supplemental materials.

## **540 - SOCIOLOGY**

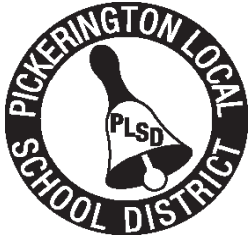
*Semester • 1/2 credit • Elective • Grades 11, 12 • It is strongly recommended that the student has a C or better average in previous high school social studies courses.*

Sociology is the study of human relationships and interactions among individuals, groups and institutions. Topics to be covered include: Culture, Cultural Change, Cultural Values, Cultural Norms, Social Control, Deviance, Socialization, Social Groups, Social Stratification, Minorities, Roles of Women and Men, Social Institutions, Marriage and the Family, and Social Problems such as poverty and crime.

## **542 - PSYCHOLOGY**

*Semester • 1/2 credit • Elective • Grades 11, 12 • It is strongly recommended that the student has a C or better average in previous high school social studies courses.*

Psychology is the study of human behavior. The course examines biological and environmental influences on the individual. Students will explore what people do, how they think, and why they act as they do. Topics to be covered include: History of Psychology, Methods of Psychology, Personality Theories, Theories of Learning, Sensations and Perceptions, Conflicts and Adjustment, Stress and Frustration, Psychological Disorders and Treatment.



# BUSINESS DEPARTMENT

## COURSE

NO.	TITLE	AVAILABILITY	CREDIT	LENGTH
708	Introduction to Business	9 10 11 12	.50	S
710	International Business	10 11 12	.50	S
716	Accounting and Finance	10 11 12	.50	S

### 708 - INTRODUCTION TO BUSINESS

*Semester • 1/2 credit • Elective • Grades 9, 10, 11, 12*

This hands-on course is designed as an introduction to business. The purpose is to give students a broad overview of the different disciplines within business that will impact their personal and professional lives. Students will gain a better understanding of the American business world and its place in our social, economic and global environment. Business career exploration, different types of business, marketing in today's world, buying goods and services and various types of money management will be discussed. Practical business applications and projects will be a part of this class.

### 710 - INTERNATIONAL BUSINESS

*Semester • 1/2 credit • Elective • Grades 10, 11, 12*

Because globalization of business - brought on by the digitalizing of information, free trade agreements, the need for offshore outsourcing, growth of the Internet and e-commerce - has dramatically changed the business environment of our world, this class will address these issues and conflicts. In addition, culture differences, social influences, international trade, economic and geographic influences, and how they affect the way we do business here and abroad will be studied.

### 716 - ACCOUNTING AND FINANCE

*Semester • 1/2 credit • Elective • Grades 10, 11, 12*

This class is highly recommended for students who want to successfully manage their financial future. Students will gain the necessary knowledge and tools to enhance their financial security. They will discover ways to maximize their resources, explore their skills for the acceptable use of credit and gain ways into the different ways of investing money. Units of study include basic accounting procedures, management and budgeting, taxation, banking options, savings, credit, stock market simulation and consumer protection. Speakers from the community and business world will be highly involved in the class. This class should provide a solid foundation for advancing in the ever-changing business world and becoming a more effective consumer in the future.



# FAMILY AND CONSUMER SCIENCES

## COURSE

NO.	TITLE	AVAILABILITY	CREDIT	LENGTH
758	Independent Living	9 10 11 12	.625	S
774	Career and Life Planning	9 10 11 12	.625	S
776	Food, Fitness and Wellness	9 10 11 12	.625	S

### 758 - INDEPENDENT LIVING

*Semester • 5/8 credit • Elective • Grades 9, 10, 11, 12 • Meets 1 period per day • Fee*

Do you have what it takes to live on your own? Come and find out the skills necessary for living independently. Topics explored are: Personal Goals and decision making, enhancing personal self, interpersonal relationships, leadership and teamwork, managing stress and resources (money, cars, housing), managing work and family, making informed consumer choices, creating a healthy environment, evaluating housing, clothing decisions, and nutritious food choices and preparation. **One Action Project is required.**

### 774 - CAREER AND LIFE PLANNING

*Semester • 5/8 credit • Elective • Grades 9, 10, 11, 12 • Meets 1 period per day • Fee*

The adult world has a great number of challenges and responsibilities. This course offers you a chance to discover yourself and get ready for the future before you get out there in the “real” world.

#### Topics covered:

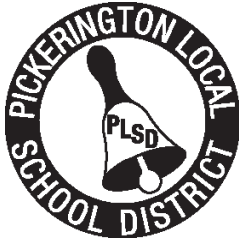
- Discovering Your Talents
- Preparing for Work
- Achieving Personal Goals
- Work Success Skills
- Your Paycheck
- Money Management
- Career Planning
- Financial Literacy Skills
- Getting Along on the Job
- Skills for Living on Your Own
- Wise Consumer Choices

**Activities:** We will have both individual and group projects during the semester. Five-eighths credit is given upon successful completion of the course and an **Action Project**. The special **Action Project** will relate to career, Job Shadowing experience and another related approved topic. **An Action Project is required.**

### 776 - FOOD, FITNESS, AND WELLNESS

*Semester • 5/8 credit • Elective • Grades 9, 10, 11, 12 • Meets 1 period per day • Fee*

Do you have all the energy you need and want? Do you look and feel your best? Are you the best you can be in your sport or favorite activity? Your healthy diet can make the difference. Discover how foods and cooking can be fun and healthy. This class is open to all students interested in developing good personal fitness and nutrition programs to meet their individual needs. Teaching methods used include class discussions, food labs, projects, speakers, lectures, and fitness participation. **An Action Project is required.**



# INTEGRATED TECHNOLOGY EDUCATION DEPARTMENT

COURSE		AVAILABILITY				CREDIT	LENGTH
NO.	TITLE	9	10	11	12		
800	Intro. to Communication, Graphic Arts & Photography*** <u>PHSC Only</u>	9	10	11	12	.50	S
802	Construction: Building and Materials	9	10	11	12	.50	S
804	Construction: Drafting and Design	9	10	11	12	.50	S
806	Introduction to Video & Television Broadcasting	9	10	11	12	.50	S
808	Intro. to Drafting, Drawing and Design	9	10	11	12	.50	S
807	Yearbook*** <u>PHSC Only</u>	9	10	11	12	.50	S
817	Photography*** <u>PHSC Only</u>	9	10	11	12	.50	S
819	Advanced Photography		10	11	12	.50	S
816	Advanced Television Broadcasting		10	11	12	.50	S
809	Architectural Drafting and Design		10	11	12	.50	S
820	Advanced Cable Broadcasting			11	12	1.00	Y
824	Introduction to Engineering Technology	9	10	11	12	.50	S
826	Advanced Engineering Technology		10	11	12	.50	S
832	IT Fundamentals	9	10	11	12	.50	S
834	Multimedia - Tech Prep I* ***			11		2.00	Y
836	Multimedia - Tech Prep II* ***				12	2.00	Y
838	Introduction to IT Engineering	9	10	11	12	.50	S

\*for juniors on a space available basis

\*\*\*available only at PHSN but available to both North and Central students

### Technology Program Philosophy

In today's society all students should become technologically literate in order to become wise decision makers in the 21st Century. By developing an understanding of the history and impact of technology, students become wise consumers, productive members of our community, and contributors to the forces of change that shape our world.

Through the application of technical skills, knowledge, and processes, students should be able to solve problems in a systematic fashion. Coupled with sound work values, habits and attitudes, these skills should provide students with the opportunity to adapt to a changing environment, and enhance those abilities related to creative thinking and career development.

### Technology Education

Technology Education is defined as a comprehensive study of the knowledge and processes necessary in designing, making, developing, producing, using, managing, and assessing of technological systems and products. Dimensions of technology include assessing impacts and consequences of technology, nature and history of technology, and connections. Technological systems and products are those systems and products that change the world around us to satisfy our needs and wants. In particular Technology Education focuses on three systems which are Information, Physical, and Biorelated.

### Goals

The technology education goals of the program are to allow students to develop:

- knowledge and ability to properly use the tools, techniques, and resources of technology systems in a proper manner.
- creative solutions to present and future societal problems using technical means.
- human potentials for responsible work, leisure, and citizenship roles in a technological society.
- appreciation for the evolution of technology.
- values on the impact of technology and how it alters our environment.

## **800 - INTRODUCTION TO COMMUNICATION, GRAPHIC ARTS & PHOTOGRAPHY\*\*\***

*Grades 9, 10, 11, 12 • Semester • 1/2 credit • 1 period per day • Elective • Fee • Prerequisite: None • PHSC Only*

Graphic Arts is designed to improve personal communication skills and to introduce students to the ever-changing world of digital communications and graphics. Students will participate in a variety of projects focused on using the computer as a production tool. Topics that may be covered include vinyl signs, batik, other enrichment activities, multimedia presentations using Microsoft PowerPoint, iMovie, a digital camera and a scanner; learn to communicate information visually by creating graphs and charts in Microsoft Excel; screen printing processes; and author their own web pages. Students will also develop an understanding of basic camera operation and photo composition by taking photographs, developing their negatives, and developing prints in our darkroom/photography complex. Students do not need to provide a camera for this course. This is the foundation course for the photography series.

## **802 - CONSTRUCTION: BUILDING AND MATERIALS**

*Grades 9, 10, 11, 12 • Semester • 1/2 credit • 1 period per day • Elective • Fee • Prerequisite: None*

Construction: Building and Materials is an introductory course that will give students a "hands on" experience with building materials, construction techniques, and tools and equipment utilized in industry to build a structure on a site. Students will be involved with role-playing and simulated activities performed by contractors, sub-contractors, and laborers as they prepare a site, build a foundation, frame a structure, and finish the exterior and interior details of the structure. The course will also address issues dealing with home maintenance, plumbing, electricity, repair and improvement.

## **804 - CONSTRUCTION: DRAFTING AND DESIGN**

*Grades 9, 10, 11 • Semester • 1/2 credit • 1 period per day • Elective • Fee • Prerequisite: None*

Construction: Design and Engineering, is an introductory level course that will study the skills required to design and plan a structure on a site. Students will study the knowledge, skills, and attitudes about designing and building a residential structure referred to as a "dream house," and landscape design and plot plans for a structure on a site. Students will develop an appreciation for the responsibilities and work of a contractor and services of an architect. The student will develop a set of working drawings and model of their "dream house" and study contractual and engineering specifications for the structure.

## **806 - INTRODUCTION TO VIDEO & TELEVISION BROADCASTING**

*Grades 9, 10, 11, 12 • Semester • 1/2 credit • 1 period per day • Elective • Fee • Prerequisite: None*

This is an introductory level course for students interested in the areas of video, video post-production work, and the television broadcasting industry. Students will be expected to learn the basic operation of video cameras, VCR's, and non-linear editing systems. Other areas to be covered include studio set-up and set design, the television, film, and radio industry, script writing, lighting, advertising, and other aspects of the broadcasting industry.

## **808 - INTRODUCTION TO DRAFTING, DRAWING & DESIGN**

*Grades 9, 10, 11, 12 • Semester • 1/2 credit • 1 period per day • Elective • Fee • Prerequisite: None*

Drafting conventions and drawing techniques will be taught through sketching and instrument drawing. The course will cover such areas as:

- Drafting and Drawing techniques
- Proper use of drafting tools and equipment
- Lettering and dimensioning practices
- Multi-view (orthographic) drawings
- Pictorial (isometric) drawings
- Designing, drafting, and construction of three-dimensional models
- Introduction to CAD (Computer Aided Drafting)

This course is designed to provide students with basic design and drafting skills along with the ability to conceptualize objects in a three-dimensional world.

## **807 - YEARBOOK**

*Grades 9, 10, 11, 12 • Semester • 1 credit • Elective • Fee • Instructor approval required. • PHSC Only*

Students learn the basics of magazine layout and design, copy writing, marketing, desktop publishing, photography, and deadline production. Students will produce pages in the yearbook. As students learn, they will earn the opportunity to work toward editorial positions. Yearbook may be offered as an independent study (see instructor).

## **817 - PHOTOGRAPHY\*\*\***

*Grades 9, 10, 11, 12 • Semester • 1/2 credit • 1 period per day • Elective • Fee • Prerequisite: None (Intro to Communication, Graphic Arts & Photography suggested) • PHSC Only*

This is an introductory level course for students who wish to learn about photography or expand their current knowledge of photography. Students study both studio and portraiture photography, sports photography, and both indoor and outdoor photography problems. Creative effects such as tinting, hand coloring, drymounting, and photo screen processes are also studied. Students will explore the world of digital photography with the latest photo enhancement/manipulation programs, such as Adobe Photoshop.

*The student does not have to provide a camera for this course, however, it is beneficial.*

## **815 - ADVANCED PHOTOGRAPHY**

*Grades 11, 12 • Semester • 1/2 credit • 1 period per day • Elective • Fee • Prerequisite: An A average in photography.*

An advanced photography course for students who plan to continue their communications technology series in the discipline of photography. The class will build on principles learned in the photography course, and will concentrate on developing a portfolio of student work for presentation to higher education or professional programs. Students will work in the areas of commercial photography, portraiture, advanced black and white photography, digital manipulation, and 3-D photography. Students will work with Adobe Photoshop, I-Photo, and InDesign to prepare presentations for both display and portfolio. **Students must provide their own digital or film SLR camera and a flash drive of 512MB or more for this class.**

## **816 - ADVANCED TELEVISION BROADCASTING PRODUCTION**

*Grades 10, 11, 12 • Semester • 1/2 credit • 1 period per day • Elective • Fee • Prerequisite: Instructor's signature, Intro. to Video and Television Broadcasting.*

This is an advanced level course for students interested in continuing in the communications track of the Industrial Technology Department courses. It builds on the experience and background information from the Introduction to Video and Television Broadcasting course. These students will be involved with the actual production of the video announcements and a weekly news video show. Students will work in all areas of broadcasting production, including camera operation, audio, post-production editing, studio set-up and design, script writing, and stage lighting. On screen talent must submit an audition tape.

## **809 - ARCHITECTURAL DRAFTING AND DESIGN**

*Grades 10, 11, 12 • Semester • 1 credit • 1 period per day • Elective • Fee • Prerequisite: None, grades 11, 12; Construction: Design and Engineering, grade 10.*

A study of construction to include commercial and residential buildings, bridges, and pipelines. Students will be involved with "hands on" activities to include surveying, mapping, design of structures, materials estimating and specifications, blueprints reading, building codes and inspection career studies, innovative design techniques, residential and community development, and financing and cost factors. Students will use drafting and CAD to design and develop drawings. Basic applications in 3D modeling will also be implemented in the set of house drawings.

## **820 - ADVANCED CABLE BROADCASTING**

*Grades 11, 12 • Full Year • 1 credit • 1 period per day (includes lunch) • Elective • Fee*

This course is designed to allow the student to apply the training from both the Introduction to Television Broadcasting course and the Advanced Television Broadcasting course in the production of the weekly cable TV show WPIC - Pickerington Broadcasting. The student will develop an understanding of the television and cable industries through the production of a 1/2 hour EDUCABLE program to be aired weekly on all three local cable companies. Students will be expected to work in many different areas of broadcast production, and may be required to travel around the school district during class time or after school. Editors and on screen talent must submit an audition tape to be considered for the class (see instructor for details)

## **824 - INTRODUCTION TO ENGINEERING TECHNOLOGY**

*Grades 9, 10, 11, 12 • Semester • 1/2 credit • 1 period per day • Elective • Fee • Prerequisite: None*

Introduction to Engineering Technology is a one semester course that will expose students to many different areas of technology. Topics that may be included/incorporated are: power and energy - physics, simple machines, fluid power systems, robotics and mechanical devices; manufacturing materials and processes - simple project construction using manufacturing processes in the areas of woodworking, metal work, plastics, and computer controlled machines; engineering - civil, electrical, industrial, and mechanical concepts are applied in the lab through problem solving activities.

## **826 - ADVANCED ENGINEERING TECHNOLOGY**

*Grades 10, 11, 12 • Semester • 1/2 credit • 1 period per day • Elective • Fee • Prerequisite: Introduction to Engineering Technology.*

Advanced Engineering Technology is a one semester course in which students will continue to learn and master the different areas of power/energy, manufacturing, and engineering technologies learned in the introductory class. The students will be expected to research and design several working projects and to make a full set of plans for these problems. Students will also be exposed to CNC mills, CNC lathes, robotics, and other supplemental activities.

## **INDEPENDENT STUDY**

**Grade 12 ONLY** • *Upperclassmen who have completed and mastered a specific area of study.*

*Semester or Full Year • 1/2 or 1 credit • periods vary per program • Fee: varies on type of course of study*

Areas of Study:

- Wood Technology
- Yearbook
- Drafting Technology
- Graphics
- Construction Technology

- Communications Technology

## **832 - IT FUNDAMENTALS**

*Semester • 1/2 credit • Elective • Grades 9, 10, 11, 12 • (This class is provided in partnership with Pickerington Schools and Eastland-Fairfield Career & Technical Schools to provide state-of-the-art training in IT.)*

Information Technology (IT) Fundamentals is a foundation course designed for students to acquire the necessary IT skills for their chosen careers. This course will expose students to all areas of IT that are needed in the world of work. The curriculum will introduce students to a variety of computer-based information systems, particularly software applications and computer hardware. Subject areas include computer applications (word processing, data bases, spreadsheets, desktop publishing, and presentation software), e-mail, programming, graphic design, Internet, web page design, multimedia and networking.

**834 & 836 MULTIMEDIA TECH PREP I AND II** *Program offered at PHSN but available to both PHSC students also. Grades 11, 12 • 2 periods per day • 2 credits • Elective • Fee • Prerequisites: See below • See guidance counselor for application.*

Multimedia is a total curriculum designed to give students the academic and technical skills needed to be successful in the areas of digital design media, digital photography, video/film/audio production, information technology, and other core business concepts. Students will be able to develop and produce scripts and computer animation, and apply multimedia technology to assemble graphics, text, sound, and video into meaningful productions.

The primary focus is to give students a seamless program that will allow them to pursue a four-year college degree, a two-year associates degree, or to go into the work force at an entry-level position in several technical fields.

Students need to understand that this is a 2-year program with college-level academics.

### **GRADE 11**

*Prerequisites:*

1. Junior in good standing (no academic deficiencies)
2. Demonstrate college level potential as measured by course work or standardized achievement tests
3. Algebra I (Geometry recommended)
4. Attendance (95%)
5. Approval of Tech Prep Instructors

A student that signs up for Multimedia - Tech Prep must also sign up for the following courses as part of the total curriculum program.

- Multimedia - (Lab 11)
- English 11 (specifically for the Multimedia program)
- Algebra II or Geometry
- Other courses required for a college preparatory pathway and high school graduation (includes a science course either at the 11th or 12th grade)

### **GRADE 12**

*Prerequisites:*

1. Senior in good standing (no academic deficiencies)
2. Demonstrate college level potential as measured by course work or standardized achievement tests
3. Algebra II or Geometry
4. Attendance (95%)
5. Approval of Instructors

A student that signs up for Multimedia - Tech Prep must also sign up for the following courses as part of the total curriculum program.

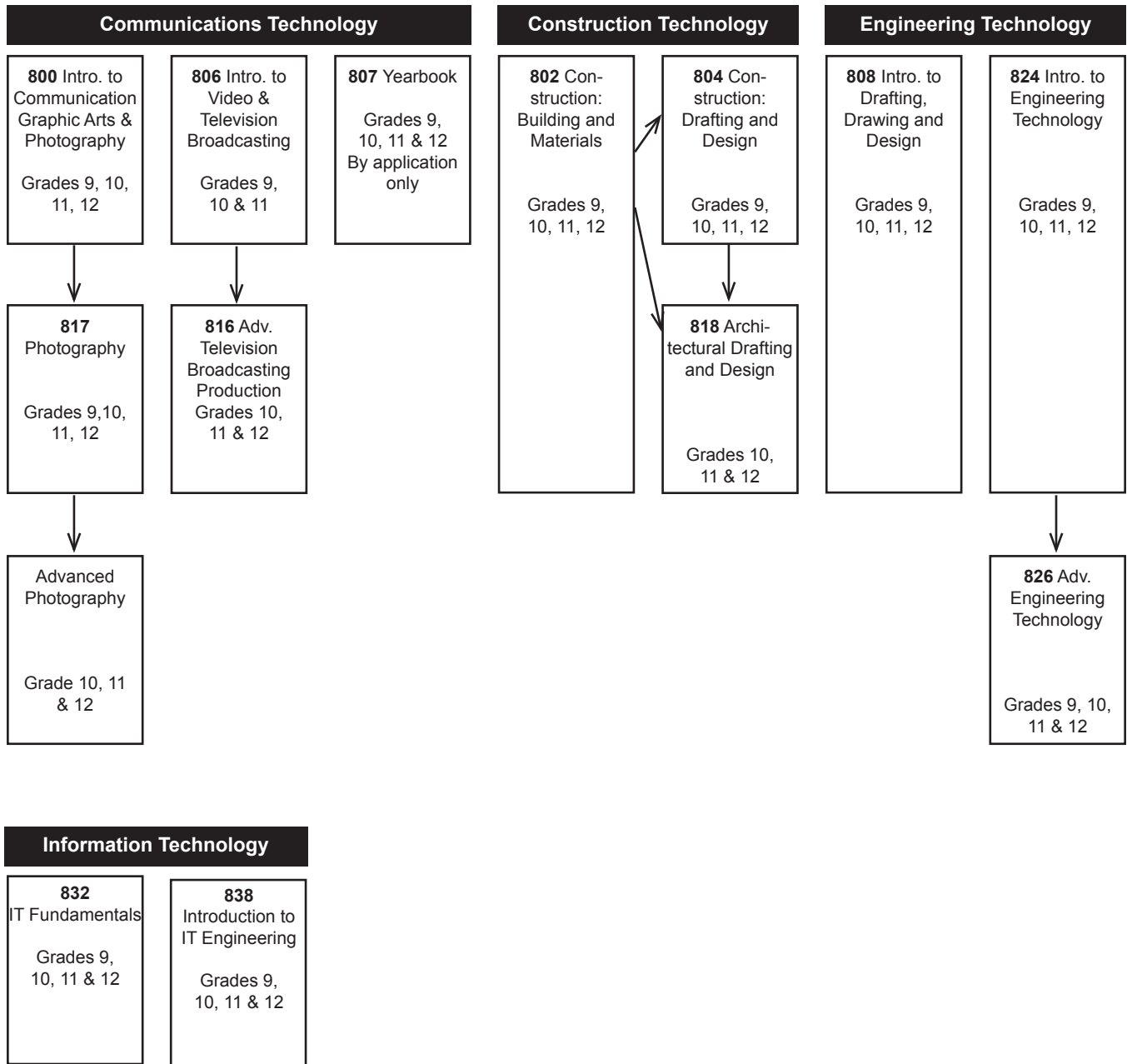
- Multimedia - (Lab 12)
- English 12 (specifically for the Multimedia program)
- Algebra II or Pre-Calculus
- Other courses required for a college preparatory pathway and high school graduation (includes a science course either at the 11th or 12th grade)

## **838 - INTRODUCTION TO INFORMATION TECHNOLOGY ENGINEERING**

*Grades 9, 10, 11, 12 • 1 period per day • .50 credits • Elective • Fee • Prerequisites: None*

This practical hands-on course in problem solving covers common hardware and software solutions for Macintosh and Windows based PCs. The course focuses on the operating systems and hardware of both Mac and PC platforms, including investigation into the most frequent difficulties found in specific applications. An emphasis is placed on the best solution to the most common work interruptions caused by software and hardware conflicts. Issues including printing, viruses, lost files, surge protection, extensions/drivers, and hardware and software installation are also covered. No typing experience is required. Students should have a desire to learn how to solve computer problems and the ability to attend to detail.

# TECHNOLOGY EDUCATION COURSE OFFERINGS BY TECHNICAL DISCIPLINE



Students are encouraged to take courses in more than one discipline.

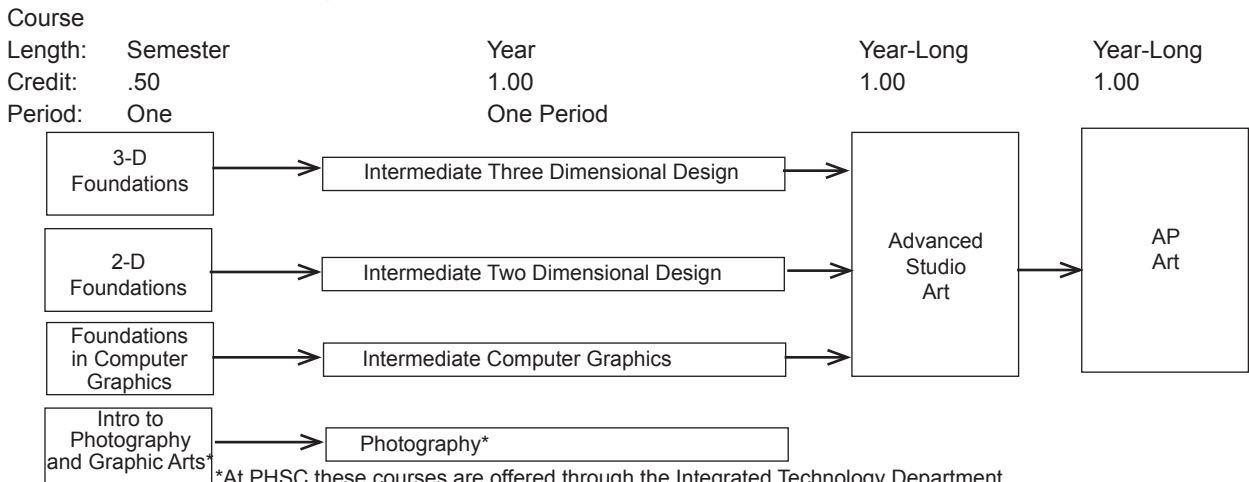


# ART DEPARTMENT

COURSE NO.	TITLE	Recommended	AVAILABILITY	CREDIT	LENGTH
800	Introduction to Communication, Graphic Arts and Photography <i>PHSN Only</i>	10	9 10 11 12	.50	S
814	Photography	11	9 10 11 12	.50	S
850	Foundations in Two Dimensional Design	9	9 10 11 12	.50	S
852	Foundations in Three Dimensional Design	9	9 10 11 12	.50	S
854	Foundations in Computer Graphics	9	9 10 11 12	.50	S
856	Intermediate Computer Graphics	10	10 11 12	1.00	Y
857	Intermediate Two Dimensional Design	10	10 11 12	1.00	Y
859	Intermediate Three Dimensional Design	10	10 11 12	1.00	Y
871	Advanced Studio Art	11	11 12	1.00	Y
879AP	Advanced Placement Art	12	11 12	1.00	Y

The Art Department offers unique opportunities for students' academic development as well as students interested in a career in art. Based on the study of artworks of various periods and cultures, a student develops the special knowledge, sensitivity, and skills that training in art offers. Using these three elements, students learn to understand and to pursue quality, to be expressive and responsive, to exercise their imaginations, and to be interested in the visions and inventions of others. Students interested in a career in art or interested in taking more than one art course are encouraged to take the Foundations classes their freshman and sophomore year so they will be able to take upper level courses during their remaining years in high school. Although not required, it is suggested students take Intermediate Painting and Intermediate Drawing prior to enrolling in other advanced art coursework. The skills learned in these two courses will be beneficial to all art courses. Please see any art teacher for help in selecting an art course of study.

## SUGGESTED COURSE SEQUENCE



\*At PHSC these courses are offered through the Integrated Technology Department

## **800 - INTRODUCTION TO COMMUNICATION, GRAPHIC ARTS AND PHOTOGRAPHY**

*Semester • 1/2 credit • Grades 9, 10, 11, 12 • Elective • Fee • Prerequisite: None*

This course is designed to introduce students to the ever changing world of photography, digital communications, and graphic applications. Students will participate in a variety of projects focused on using the computer as a production tool. Using a variety of photographic processes, students will learn to create multimedia presentations, screen printing processes, and are introduced to digital photography. Students will also learn basic camera operations and composition by taking 35 mm photographs, developing their negatives and black and white prints in the school's darkroom.

## **814 - PHOTOGRAPHY**

*Semester • 1/2 credit • Grades 9, 10, 11, 12 • Elective • Fee • Prerequisite: Grades 11 and 12 None, Grade 10: Successful completion of 800 Introduction to Photography and Graphic Arts*

This course is for students who wish to learn more about photography and related career fields. Students start with film photography, where composition techniques and the use of single-lens reflex (SLR) cameras are studied. Students will roll film, develop negatives and print black and white photos in the school's darkroom. Creative effects such as tinting and hand coloring are also studied. The second portion of the course is rooted in digital photography as students learn to manipulate photos in computer programs such as Adobe Photoshop.

## **850 - FOUNDATIONS IN TWO DIMENSIONAL DESIGN**

*Semester • 1/2 credit • Students are encouraged to take this course as a freshman or recommended freshmen year for those interested in taking advanced classes • Grades 9, 10, 11, 12 • Elective • Fee • Prerequisite: None.*

Foundations in Two Dimensional Design is a course for beginning students who are interested in drawing, painting, and print-making. Students will learn skills in the fore mentioned areas along with such items as color theory, design elements, and art history. Students who plan on having a career in art should plan on taking this course their freshman year. Sketchbooks will be required.

## **852 - FOUNDATIONS IN THREE DIMENSIONAL DESIGN**

*Semester - 1/2 credit • Students are encouraged to take this course as a freshman or recommended freshmen year for those interested in taking advanced classes • Grades 9, 10, 11, 12 • Elective • Fee • Prerequisite: None.*

Foundations in Three Dimensional Design is a course for beginning students interested in ceramics, sculpture, and metal working. Students will learn to work with clay, plaster, metal, and various other materials. Students will also learn 3-D design elements, color theory, and art history. Students who plan on having a career in art should plan on taking this course their freshman year. Sketchbooks will be required.

## **854 - FOUNDATIONS IN COMPUTER GRAPHICS**

*Semester • 1/2 credit • Students are encouraged to take this course as a freshman or recommended freshmen year for those interested in taking advanced classes • Grades 9, 10, 11, 12 • Elective • Fee • Prerequisite: None.*

Foundations in Computer Graphics is an introductory course for students interested in developing art skills with the use of various computer graphics programs. Students will experiment with drawing, painting, and manipulation of photos on the computer to create original art. Students will also learn design skills, composition, and color theory.

## **856 - INTERMEDIATE COMPUTER GRAPHICS**

*Full Year • 1 credit • Elective • Grades 10, 11, 12 • Fee • Prerequisite: C average in Foundations in Computer Graphics.*

In today's world commercial design can be totally created on the computer with far more possibilities. Speed, efficiency, and cost effectiveness drive the computer industry with hand drawn techniques being far more laborious. Students will further develop skills learned in Foundations in Computer Graphics including scanning, creating, and manipulating artwork. Students will also be introduced to the world of commercial art with emphasis on logo design, package design, advertising, and layout techniques.

## **857 - INTERMEDIATE TWO DIMENSIONAL DESIGN**

*Full Year • 1 credit • Elective • Grades 10, 11, 12 • Fee • Prerequisite: C or higher in Foundations in Two Dimensional Design*

This course is designed to develop drawing and painting skills introduced in Foundations in Two Dimensional Design. The importance of good design, observational drawing, perspective, contrast, and color theory will be stressed. Media such as pencil, charcoal, pen, watercolor, acrylic, and oil paints will be used. Students interested in a career in art are encouraged to take this class early on in their high school course work to learn skills necessary in many other art classes. A sketchbook is required.

## **859 - INTERMEDIATE THREE DIMENSIONAL DESIGN**

*Full Year • 1 credit • Elective • Grades 10, 11, 12 • Fee • Prerequisite: C or higher in Foundations in Three Dimensional Design*

This course is designed to develop metal, sculpture, and ceramic skills introduced in Foundations in Three Dimensional Design. Students will better develop their skills with throwing pottery, hand building, free form sculpting, soldering, and casting. The importance of good design, critical thinking, and problem solving will be stressed. Students interested in a career in art are encouraged to take this class early on in their high school course work. A sketchbook is required.

## **871 - ADVANCED STUDIO ART**

*Full Year • 1 credit • Elective • Grades 11, 12 • Fee • Prerequisite: C or higher in Intermediate Two Dimensional Design or Intermediate Three Dimensional Design*

Students will be able to work in the 2D or 3D media of their choice including drawing painting, ceramics, sculpture, metals or computer graphics. Students will spend the year developing individual portfolios to submit for college consideration and scholarship competitions. Students will be guided through the individual preparation of their portfolios based on prior experience, artistic strengths, and career plans with the help of the instructor. The creation and presentation of portfolios, including the creation of a digital record of work, will be emphasized. Students requesting this course will have demonstrated high motivation, interest, and the ability to work independently during previous art courses. A sketchbook is required.

## **879AP - ADVANCED PLACEMENT ART**

*Full Year • 1 credit • Grades 11, 12 • Elective • Fee • Prerequisite: B or higher in Advanced Studio Art and permission from instructor.*

AP Studio Art is for the highly motivated student who is seriously interested in the study of art. Students will be required to work in and outside the classroom. Students will be required to complete a portfolio of their work that will emphasize: Concentration, Breadth and Quality in their artwork. Students may select one of the following for their portfolios: 2D Design, 3D Design or Drawing and submit their portfolio to the AP College Board for college credit.



# MUSIC DEPARTMENT

COURSE NO.	TITLE	AVAILABILITY	CREDIT	LENGTH
600	Marching Band	9 10 11 12	.50	10 weeks
604	Symphonic Band	9 10 11 12	.50	26 weeks
606	Concert Band I	9 10 11 12	.50	26 weeks
608	Concert Band II	9 10 11 12	.50	26 weeks
612	Orchestra	9 10 11 12	1.00	Y
614	Chorale	9 10 11 12	1.00	Y
616	Symphonic Choir	9 10 11 12	1.00	Y
622	Concert Choir	9 10 11 12	1.00	Y

The Music Department offers a variety of academic and performance courses in both the instrumental and vocal areas. All music credits may be counted toward fulfillment of graduation requirements.

## PHS BANDS

To receive any credit in band, student must participate both semesters.

### 600 - MARCHING BAND

*10 weeks • 1/2 credit (in conjunction with concert performing bands) • Elective • Grades 9, 10, 11, 12*

The Marching Band is an active performing ensemble that studies and performs literature from all genres. Participation in Marching Band involves music performance, aerobic activity, and outdoor rehearsals in all elements. The band performs at all varsity football games and at organized band competitions as determined by the director. The band may also be required to perform at community and school events scheduled throughout the year. **Participation in the band program is by audition only. Attendance at all scheduled rehearsals, sections, and performances are mandatory. Pre-Band Camp, Band Camp, and summer rehearsals are mandatory.** Students must participate in a Concert Performing Group to be in Marching Band. Students may not take any band independent study. PARTICIPATION FEE

### 604 - SYMPHONIC BAND

*26 weeks • 1/2 credit • Elective • Grades 10, 11, 12 (in conjunction with Marching Band) • Upper level*

The Symphonic Band is a select organization comprised of those high school students who show above average proficiency on their instruments. Literature performed will represent material designed to improve technical skills. Performances may include winter and spring concerts and OMEA sponsored contest. **Membership in the Symphonic Band will be determined through auditions of all instrumental students held in the spring prior to each school year and will be limited to an instrumentation determined by the director.** The Symphonic Band will meet five days each week during school with additional rehearsals scheduled by the director. Students may not take any band independent study.

### 606 - CONCERT BAND I

*Full Year • 1 credit • Elective • Grades 9, 10, 11, 12 • Advanced level*

Concert Band I is a select organization comprised of those high school students who show a marked proficiency on their instruments. Literature performed will represent the finest of educational and program material. Performances may include winter and spring concerts, OMEA sponsored contests, and commencement exercises. **Membership in this group is determined through auditions of all instrumental students held in the spring prior to each school year and will be limited to an instrumentation determined by the director.** Concert Band I will meet five days each week during school with additional rehearsals scheduled by the director. Students may not take any band independent study.

### 608 - CONCERT BAND II

*26 weeks • 1/2 credit (in conjunction with Marching Band) • Elective • Grades 9, 10, 11, 12 • Entry level*

Concert Band II is a select organization comprised of those high school students who show above average proficiency on their instruments. Literature performed will represent material designed to improve technical skills. Performances may include winter and spring concerts and OMEA sponsored contest. **Membership in Concert Band II will be determined through auditions of all instrumental students held in the spring prior to each school year and will be limited to an instrumentation determined by the director.** Concert Band II will meet five days each week during school with additional rehearsals scheduled by the director. Students may not take any band independent study.

## 612 - ORCHESTRA

*Full Year • 1 credit • Grades 9, 10, 11, 12 • Elective • Fee*

The Orchestra is open to anyone playing violin, viola, cello, or string bass. Past experience or permission of the instructor is required. The goal of this group is to improve technique, blend, and musicianship. Students will have a theoretical and historical understanding of orchestral music and instruments. Students will also learn the science of sound production and bow distribution. A variety of music will be performed to give the students a balance of styles from chamber to symphonic. Students will also perform solos and be required to take playing tests individually and in small groups. Students are required to participate in concerts and rehearsals as well as any special events such as festivals, concerts, etc.

## CHOIRS AT PICKERINGTON

A variety of types of music and experiences will be planned for each choir of Pickerington High School. Students are encouraged to continue in the choral program all four years to gain the benefits of years of preparation and hard work. Each choir is special to the choir program and care for the development of each individual singer is supremely important. Singing is a fun way to enjoy the beauties of the performing arts.

## 614 - CHORALE

*Full Year • 1 credit • Elective • Grades 9, 10, 11, 12 • Fee • Prerequisite: Permission of the director - Audition only - Prior choir experience.*

A select singing group determined through auditions each year. This group will take part in the same concerts and may be a part of the Symphonic Choir. They will also take part in many other public and school performances. Students auditioning for this group must have a high regard for all types of music and exhibit good self-discipline. Students will be required to attend extra rehearsals as needed. Students will also be required to purchase either all, or a portion of, their outfit. **Auditions will be conducted during second semester.** PARTICIPATION FEE

## 616 - SYMPHONIC CHOIR

*Full Year • 1 credit • Elective • Grades 9, 10, 11, 12 • Prerequisite: Permission of the director.*

The Symphonic Choir is open to all students and ninth and tenth grade boys. Students must show a willingness and a desire to improve as a singer and musician. The choir is required to take part in the Autumn, Holiday, Winter, and Spring Concerts; contests; festivals; etc.; and other events as announced by the Director. Students will be given a schedule of events at the beginning of each year. The final size of the choir will be determined by the Director. **Auditions will be conducted during second semester.**

## 622 - CONCERT CHOIR

*Full Year • 1 credit • Elective • Grades 9, 10, 11, 12*

The Concert Choir is open to any female student. The choir is required to take part in the Autumn, Holiday, Winter, and Spring Concerts; contests; festivals; etc.; and other events as announced by the Director. Students will be given a schedule of events at the beginning of each year. The final size of the choir will be determined by the Director.



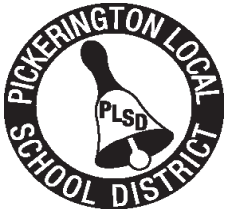
# HEALTH DEPARTMENT

COURSE NO.	TITLE	AVAILABILITY	CREDIT	LENGTH
900	Health	10	.50	S

## **900 - HEALTH**

*Semester • 1/2 credit • Required • Grade 10*

This course presents general knowledge in the various physiological systems of the human body; emphasis is placed on proper care of these systems, including substance abuse, nutrition, personality, mental health, infectious and non infectious diseases, and human sexuality. The class is coeducational.



# PHYSICAL EDUCATION DEPARTMENT

COURSE NO.	TITLE	AVAILABILITY	CREDIT	LENGTH
901	Lifetime Fitness	9 10 11 12	.25	S
903	Lifetime Sports	9 10 11 12	.25	S
905	Team Sports	9 10 11 12	.25	S
908	Physical Conditioning/Strength Training	9 10 11 12	.25	S

*The Physical Education Department will offer students the following course selections to fulfill the graduation requirement of Physical Education. Each student is required to earn .50 credit of Physical Education in order to graduate. These courses are designed to provide students an opportunity to develop skills in a variety of activities that will promote a lifetime of fitness. Students may select any combination of the courses to fulfill the graduation requirement of .50 credit. Students may also repeat a course to complete the requirement.*

### **Effective with the graduating class of 2012 -**

Students may also have the option of replacing the required Physical Education classes with their participation in either:

- Interscholastic Athletics • Marching Band • Cheerleading

Students electing this option must complete two activities over a two-year period of time and complete the activities by the end of their junior year in high school. Students will complete the application for this option when they register for classes.

## **901 - LIFETIME FITNESS**

*Semester • .25 credit • Grades 9,10,11,12*

The purpose of "Lifetime Fitness" is a course designed for those students that wish to develop a personal fitness program. Lifetime Fitness will help the student develop individual strategies for a lifetime of healthy living. Students will evaluate their present fitness level and then develop a plan on how to improve their personal fitness. Body movement, cardiovascular conditioning and strength conditioning will be emphasized. The class will also discuss nutrition and the role it plays in maintaining a healthy lifestyle. Video workouts used in class may include Pilates, Yoga, and Tae-Bo to reinforce the importance of flexibility and muscular strength.

## **903 - LIFETIME SPORTS**

*Semester • .25 credit • Grades 9,10,11,12*

This class will introduce students to lifetime sports. During each unit of study students will learn physical skills, rules, concepts, game strategies, and sportsmanship. This course will engage students in a number of sports that will allow them to remain active and healthy throughout their lifetime. Lifetime Sports may include but will not be limited to the following activities: Tennis, Frisbee Golf, Golf, Badminton, Table Tennis and various recreational activities. In addition to exploring lifetime sports this class will also include basic fitness instruction and lifetime conditioning skills.

## **905 - TEAM SPORTS**

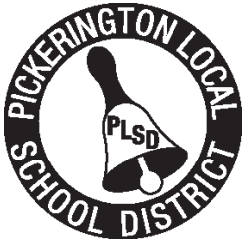
*Semester • .25 credit • Grades 9,10,11,12*

This class is designed for those students who wish to participate in team sports. The team sports will focus on game rules and strategies associated with a variety of sports. The emphasis of this class will be on teamwork, sportsmanship, and improve the basic skill level required by the various team activities. Some of the team activities the students may participate in may include but will not be limited to the following activities: Flag Football, Soccer, Volleyball, Basketball, and Track and Field, Softball, Eclipse Ball and Speedball.

## **908 - PHYSICAL CONDITIONING AND STRENGTH TRAINING**

*Semester • .25 credit • Grades 9,10,11,12*

This program will help our students understand the importance of strength training, how it relates to sports. Students will develop an understanding of the importance of strength training. This course will cover a comprehensive overview of the basic techniques and fundamentals of safe, sound, and effective strength training. The course will help develop an understanding that strength training will decrease injuries, increase physical size, muscular strength, speed, improve self esteem, and skill performance.



# CAREER BASED INTERVENTION

## 920 CAREER BASED INTERVENTION

### 924 - Work

*Grade 11, 12 • Full Year • 1 credit CBI related and 1 credit CBI work • 2 periods*

Career Based Intervention(CBI) is a vocational work-study program. Through the cooperation of the school and business community, students in CBI attend all regularly scheduled classes for part of the day (depending on academic requirements) and then are released to work for local employers. The program is designed to provide a realistic, practical and challenging academic curriculum along with training in necessary workplace skills. CBI is for 12th grade students who have experienced barriers in gaining academic success. The purpose of CBI is to prepare students through academics and work experience to become useful and productive citizens with improved attitudes toward school, the community, their employment and life in general. Program instruction, work experience and service learning projects are designed to change students' habits and develop the motivation to succeed. Supplemental classroom materials must be purchased.

Students should sign up for both 920 and 924.



# MARKETING EDUCATION PROGRAM

## 926 & 927 - MARKETING EDUCATION PROGRAM AND PROJECTS

### 928 - Work

*One Full Year • 2 periods per day • Grade 12 • Three credits for the senior year • PHSC Only*

Marketing Education trains students for careers in retailing, wholesaling, and service occupations. Marketing occupations are those followed by proprietors, managers, or employers engaged in primarily marketing or merchandising goods or services. Such occupations may be found in various business establishments, including retailing, wholesaling, and servicing. It is a partnership between schools, owners, and managers of business.



# PEER COLLABORATION

## 490 - PEER COLLABORATION

*Grade 10, 11, 12 • Semester • 1/2 credit • Prerequisite: Application and approval by instructor*

Students will have the opportunity to learn about disabilities, diversity and acceptance. The peer collaborator will support students with disabilities in their classes and assist them to succeed by helping them to complete class assignments and participate in class. Students will be required to participate in a training session, complete a reflection paper due at conclusion of class and keep a daily attendance log.

# COURSE LISTINGS

COURSE NO.	TITLE	AVAILABILITY	CREDIT	LENGTH
<b><u>ENGLISH DEPARTMENT</u></b> - Begins on Page 13				
<u>Freshman English</u>				
405	English 9	9	1.00	Y
408H	Honors English 9	9	1.00	Y
<u>Sophomore English</u>				
411	English 10	10	1.00	Y
414H	Honors English 10	10	1.00	Y
<u>Junior English</u>				
417	English 11	11	1.00	Y
420	Extended Thematic Studies in Literature 11	11	1.00	Y
426H	Honors English 11	11	1.00	Y
<u>Senior English</u>				
429	English 12	12	1.00	Y
432	Extended Thematic Studies in Literature 12	12	1.00	Y
436AP	Advanced Placement English 12	12	1.00	Y
<u>Electives</u>				
444	Journalism I	9 10 11 12	.50	S
446	Journalism II	10 11 12	1.00	Y
807	Yearbook <u>PHSN Only</u>	9 10 11 12	1.00	Y
<b><u>THEATRE DEPARTMENT</u></b> - Begins on Page 17				
560	Theatre I	9 10 11 12	.50	S
562	Theatre II	9 10 11 12	.50	S
564	Theatre III	10 11 12	.50	S
566	Theatre IV	10 11 12	.50	S
568	Theatre Production I	9 10 11 12	.50	S
570	Theatre Production II	9 10 11 12	.50	S
572	Theatre Production III	10 11 12	.50	S
574	Theatre Production IV	10 11 12	.50	S
<b><u>FOREIGN LANGUAGE DEPARTMENT</u></b> - Begins on Page 19				
630	American Sign Language I	9 10 11 12	1.00	Y
632	American Sign Language II	10 11 12	1.00	Y
634	American Sign Language III	11 12	1.00	Y
640	French I	9 10 11 12	1.00	Y
642	French II	9 10 11 12	1.00	Y
644	French III	10 11 12	1.00	Y
646H	French IV Honors	11 12	1.00	Y
648H	French V Honors	12	1.00	Y
650	German I	9 10 11 12	1.00	Y
652	German II	9 10 11 12	1.00	Y
654	German III	10 11 12	1.00	Y
656H	German IV Honors	11 12	1.00	Y
658H	German V Honors	12	1.00	Y
670	Spanish I	9 10 11 12	1.00	Y
672	Spanish II	9 10 11 12	1.00	Y
674	Spanish III	10 11 12	1.00	Y
676H	Spanish IV Honors	11 12	1.00	Y
678H	Spanish V Honors	12	1.00	Y

COURSE NO.	TITLE	AVAILABILITY				CREDIT	LENGTH
<b><u>MATH DEPARTMENT</u> - Begins on Page 23</b>							
300	Fundamental Math Concepts	9	10	11		1.00	Y
302	Algebra I	9	10	11	12	1.00	Y
306	Fundamental Algebra	9	10	11		1.00	Y
308	Geometry	9	10	11	12	1.00	Y
310H	Honors Geometry	9	10			1.00	Y
312	Fundamental Geometry		10	11	12	1.00	Y
314	Algebra II		10	11	12	1.00	Y
315	Fundamental Algebra II			11	12	1.00	Y
316H	Honors Algebra II		10	11	12	1.00	Y
322	Statistics			11	12	1.00	Y
324	Pre-Calculus			11	12	1.00	Y
328H	Honors Pre-Calculus			11	12	1.00	Y
334	College Math V				12	1.00	Y
338AP	Advanced Placement Calculus AB				12	1.00	Y
340AP	Advanced Placement Statistics			11	12	1.00	Y

**SCIENCE DEPARTMENT - Begins on Page 27**

200	Biology A		10	11	12	.50	S
202	Biology B		10	11	12	.50	S
204H	Honors Biology B		10	11	12	.50	S
206	Ecology		10	11	12	.50	S
205	Integrated Science	9				1.00	Y
208H	Honors Anatomy and Physiology		10	11	12	.50	S
210	Genetics		10	11	12	.50	S
212AP	Advanced Placement Biology		10	11	12	1.00	Y
214	Chemistry A	9	10	11	12	.50	S
219	Forensic Science		10	11	12	.50	S
220	Chemistry B		10	11	12	.50	S
222H	Honors Chemistry B		10	11	12	1.00	Y
228AP	Advanced Placement Chemistry		10	11	12	1.00	Y
230	Earth Science A	9	10	11	12	.50	S
232	Meteorology and Oceanography		10	11	12	.50	S
234	Astronomy		10	11	12	.50	S
238	Physical Science A		10	11	12	.50	S
244H	Honors Physics		10	11	12	1.00	Y
247	Physics		10	11	12	1.00	Y
250AP	Advanced Placement Physics			11	12	1.00	Y

**SOCIAL STUDIES DEPARTMENT - Begins on Page 34**

501	World History	9				1.00	Y
508H	Honors World History	9				1.00	Y
511	American History		10			1.00	Y
518H	Honors American History		10			1.00	Y
520AP	Advanced Placement United States History		10			1.00	Y
522	Principles of Democracy				12	.50	S
526H	Honors Principles of Democracy				12	.50	S
528AP	Advanced Placement Government & Politics			11	12	1.00	Y
530	Economics			11	12	.50	S
535AP	Advanced Placement Micro/Macroeconomics			11	12	1.00	Y
538	Contemporary Issues			11	12	.50	S
540	Sociology			11	12	.50	S
542	Psychology			11	12	.50	S

COURSE NO.	TITLE	AVAILABILITY	CREDIT	LENGTH
<b><u>BUSINESS DEPARTMENT</u> - Begins on Page 37</b>				
708	Introduction to Business	9 10	.50	S
710	International Business	10 11 12	.50	S
716	Accounting and Finance	10 11 12	.50	S
<b><u>FAMILY AND CONSUMER SCIENCES</u> - Begins on Page 38</b>				
758	Independent Living	10 11 12	.625	S
774	Career and Life Planning	9 10 11 12	.625	S
776	Food, Fitness and Wellness	9 10 11 12	.625	S
<b><u>INTEGRATED TECHNOLOGY EDUCATION</u> - Begins on Page 39</b>				
800	Introduction to Communication, Graphic Arts & Photography <u>PHSC Only</u>	9 10	.50	S
802	Construction: Building and Materials	9 10 11 12	.50	S
804	Construction: Drafting and Design	9 10 11 12	.50	S
806	Introduction to Video & Television Broadcasting	9 10 11 12	.50	S
808	Introduction to Drafting, Drawing & Design	9 10 11 12	.50	S
807	Yearbook <u>PHSC Only</u>	9 10 11 12	1.00	S
814	Photography <u>PHSC Only</u>	9 10 11 12	.50	S
819	Advanced Photography	12	.50	S
816	Advanced Television Broadcasting	10 11 12	.50	S
809	Architectural Drafting and Design	10 11 12	.50	S
820	Advanced Cable Broadcasting	11 12	1.00	Y
824	Introduction to Engineering Technology	9 10 11 12	.50	S
826	Advanced Engineering Technolog	10 11 12	.50	S
832	IT Fundamentals	9 10 11 12	.50	S
834	Multimedia - Tech Prep I***	11	2.00	Y
836	Multimedia - Tech Prep II***	12	2.00	Y
838	Introduction to IT Engineering	9 10 11 12	.50	S
*for juniors on a space available basis				
***available <u>only</u> at PHS North				
<b><u>ART DEPARTMENT</u> - Begins on Page 44</b>				
800	Intro to Communication, Graphic Arts and Photography <u>PHSN Only</u>	9 10 11 12	.50	S
814	Photograph <u>PHSN Only</u>	9 10 11 12	.50	S
850	Foundations in Two Dimensional Design	9 10 11 12	.50	S
852	Foundations in Three Dimensional Design	9 10 11 12	.50	S
854	Foundations in Computer Graphics	9 10 11 12	.50	S
856	Intermediate Computer Graphics	10 11 12	.50	S
857	Intermediate Two Dimensional Design	11 12	1.00	Y
859	Intermediate Three Dimensional Design	11 12	1.00	Y
870	Advanced Studio Art	11 12	1.00	Y
879AP	Advanced Placement Art	11 12	1.00	Y
<b><u>MUSIC DEPARTMENT</u> - Begins on Page 47</b>				
600	Marching Band	9 10 11 12	.50	10 weeks
604	Concert Band II	9 10 11 12	.50	26 weeks
606	Concert Band I	10 11 12	.50	26 weeks
608	Symphonic Band	9 10 11 12	.50	S
612	Orchestra	9 10 11 12	1.00	Y
614	Chorale	9 10 11 12	1.00	Y
616	Symphonic Choir	9 10 11 12	1.00	Y
622	Concert Choir	9 10	1.00	Y

COURSE NO.	TITLE	AVAILABILITY	CREDIT	LENGTH
<b><u>HEALTH AND PHYSICAL EDUCATION DEPARTMENT</u></b> - Begins on Page 49				
900	Health	10	.50	S
901	Lifetime Fitness	9 10 11 12	.25	S
903	Lifetime Sports	9 10 11 12	.25	S
905	Team Sports	9 10 11 12	.25	S
908	Physical Conditioning/Strength Training	9 10 11 12	.25	S
<b><u>CAREER BASED INTERVENTION</u></b> - Begins on Page 51				
920	Career Based Intervention	12	2.00	Y
924	Work	12	1.00	Y
<b><u>MARKETING EDUCATION DEPARTMENT</u></b> - Begins on Page 51				
926	Senior Marketing Education (Program)	12	1.00	Y
927	Senior Marketing Education (Projects)	12	1.00	Y
928	Work	12	1.00	Y
<b><u>ELECTIVE</u></b> - Begins on Page 52				
409	Peer Collaboration Course	10 11 12	.50	S



**PICKERINGTON LOCAL SCHOOL DISTRICT**

90 East Street, Pickerington, Ohio 43147  
 Phone: 614-833-2110 Fax: 614-833-2143  
 www.pickerington.k12.oh.us

## 2011-2012 SCHOOL CALENDAR

Tuesday	August 23	Teacher Record Day
Wednesday	August 24	Teacher Work Day
Thursday	August 25	Teacher Work Day
Friday	August 26	Waiver Day - No School
<b>Monday</b>	<b>August 29</b>	<b>FIRST DAY OF SCHOOL (1-12)</b>
<b>Thursday</b>	<b>September 1</b>	<b>FIRST DAY OF SCHOOL (Kindergarten)</b>
Monday	September 5	Labor Day - No School
Tuesday	October 4	Waiver Day - No School
Monday	October 10	K-12 All Day Parent-Teacher Conferences - No School
Thursday	October 13	Kindergarten All Day P/T Conferences - No School K Only
		<b>(Regular School Day for Grades 1-12)</b>
Thursday	October 20	K-8 All Day Parent-Teacher Conferences - No School K-8
		<b>(Regular School Day for Grades 9-12)</b>
Wednesday-Friday	November 23-25	Thanksgiving Break- No School
Wednesday-Monday	December 21-January 2	Holiday Break - No School (dates inclusive)
Tuesday	January 3	Classes Resume
Monday	January 16	Martin Luther King Day - No School
Tuesday-Thursday	January 17-18-19	High School Exams (Early Dismissal Grades 9-12 Only)
Friday	January 20	Teacher Record Day - No School
Monday	February 20	President's Day - No School
Monday-Monday	April 2-April 9	Spring Vacation - No School (dates inclusive)
Tuesday	April 10	Classes Resume
Monday	May 28	Memorial Day - No School
Monday-Wednesday	June 4-5-6	Exams (Early Dismissal - K-11)
Wednesday	June 6	Last Day of Classes for Teachers & Students

9-Week Grading Period	Dates	Interims	Grade Cards
First 9-Weeks	August 26-October 28 (44 - includes 2 Waiver days)	September 27	November 4
Second 9-Weeks	October 31-January 20 (46)	December 5	January 27
Third 9-Weeks	January 23-March 30 (49)	February 24	April 13
Fourth 9-Weeks	April 10-June 6 (41)	May 7	June 13

### Teacher Work Days

Tuesday	August 23	Teacher Record Day
Wednesday	August 24	Teacher Orientation/In-Service Work Day
Thursday	August 25	Uninterrupted Teacher Work Day
Monday	October 10	K-12 All Day Parent-Teacher Conferences
Thursday	October 13	Kindergarten-Only All Day Parent-Teacher Conferences
Thursday	October 20	K-8 All Day Parent-Teacher Conferences
Friday	January 20	Teacher Record Day
Thursday	February 23	Evening Parent-Teacher Conferences
Wednesday	February 29	Evening Parent-Teacher Conferences

If needed, make-up days have been designated as follows: February 20, June 7, June 8, June 11 and June 12.

*"Our mission is to provide all children an efficient and nurturing educational environment which creates life-long learners who are socially responsible citizens. We believe children are our primary focus."*

BOE Approved 1/10/11

*\*Waiver days are pending ODE approval*