

TABLE OF CONTENTS

Preface.....	3
Introduction.....	4
Apollo Career Center.....	5-6
Auditing a Class.....	6
Class Assignment	6
College Credit Plus.....	7
Eligibility for Athletes	6
Graduation Requirement/Assessments.....	5
In Case of Failure: How to Make Up the Credit.....	6
Schedule Changes	7

COURSE OFFERINGS:

Agricultural Education	8 - 11
Art/Photography/Yearbook	11 - 14
Business	15 - 18
Computer Technology	19 - 20
English/Speech.....	21 - 25
Family Consumer Sciences.....	26 - 28
Health	28
Industrial Technology.....	29 - 34
Math	35 - 38
Music.....	39 - 40
Physical Education	41
Science.....	42 - 44
Social Studies	44 - 47
Spanish	48 - 49
Anticipated Fee Information	50

PREFACE

The curriculum for Spencerville High School is developed to provide each student with the opportunity to receive the best possible education.

Making good decisions about a schedule is vital to a student's future. This curriculum guide is developed to help make these decisions.

The curriculum guide is only one part of the decision-making process. Teachers, parents, and the guidance counselor play an important role in the process.

The challenge is to become involved in more than the minimum requirements and to be exposed to ideas and knowledge that open new horizons and enrich life.

As a student, use all of the sources of information available to you to make good decisions. And remember that you only go through high school once, so make the most of the opportunities available to you.

INTRODUCTION

Any student graduating from Spencerville High School must complete the local and state graduation requirements as specified below. In addition, students may choose to meet the curricular requirements for the Diploma with Honors and/or the recommended core curriculum for college-bound students.

		Local/State Graduation Requirements	Diploma with Honors Requirements* [must meet 7 of 8 criteria]	Recommended College Core Curriculum
1	English	4	4	4
2	Personal Finance	.5		
3	Science	3: 1- Biology 1- Physical 1- Other	4: 1- Biology 1- Physical 2- Other	3: [Should be courses with significant lab experience]
4	Math	4: Must include Algebra II or the equivalent	4: 1- Algebra I 1- Geometry 1- Algebra II 1- higher level OR a 4-year sequence of courses that contain equivalent content	4
5	Social Studies	3: 1- American History 1- World History 1- Government	4: 1- American History 1- Government 2- Other social studies	3
6	Foreign Language	FOREIGN LANGUAGE IS NOT REQUIRED FOR GRADUATION	3: 3 units of 1 language OR 2 units of 2 languages	2
7	Fine Arts	1	1	1
8	Health/PE	.5 each		
9	Electives	5+		
10	Total Credits	21.5		
11	End of Course Exams (EOC)	Minimum 18 points		
12	GPA	n/a	3.5	Varies by school
13	ACT/SAT	n/a	27 ACT or 1210 SAT I [excludes Writing]	Varies by school

Diploma with Honors Requirements for Apollo students differ from these lists and are available in the Guidance Office.

GRADUATION REQUIREMENTS/ASSESSMENTS

Students will earn points toward graduation when taking seven required end of course exams (EOC). The courses in which students will take an end of course exam are English I and II, Algebra I or Integrated Math I, Geometry or Integrated Math II, or Biology, American History and American Government.

Students can earn from 1 - 5 points for each exam, based on their performance.

- 5 - Advanced
- 4 - Accelerated
- 3 - Proficient
- 2 - Basic
- 1 - Limited

Any students who earned high school credit in any of the above courses before July 1, 2014 and a required end of course exam was not available, will automatically receive a score of three (3) points per course exam toward the total points needed for graduation. Middle school students who take one of these courses for high school credit must take the corresponding state end of course exam in this school year.

Students that score below proficient on an exam may retake it after they receive some extra help on the material. Students that score proficient or higher on an end of course exam can retake exams only if, once they take all the exams, they have not met the minimum graduation points to graduate. In this case, a student can retake any exam after receiving some extra help on the material.

With few exceptions, students must accumulate a minimum of eighteen (18) points from scores on their end of course exams to become eligible for a diploma. In addition to the minimum eighteen (18) points, students must score a minimum four (4) points between both English I and II, minimum four (4) points between Algebra I/Integrated I and Geometry/Integrated II, and a minimum six (6) points between Biology, American History, and American Government.

Students who do not earn the required number of graduation points can still meet the requirements for a diploma if they earn a remediation-free score on a national college admission test (ACT or SAT). Spencerville High School will administer the ACT to students free of charge (state sponsored) in the winter of their junior year.

Students also can qualify for graduation by earning an approved industry-recognized credential and achieving a workforce-readiness score on a related job skills assessment.

APOLLO CAREER CENTER

A full curriculum of career fields is available to the students of Spencerville High School who attend Apollo Career Center.

Before entering Apollo, a student must be 16 years old, must have earned a minimum of eight (8) credits, and must be on line for graduation at the end of two years at Apollo. Please keep in mind the home school (Spencerville High School) requirements for graduation. Students will be given the opportunity to enroll in any course they qualify for at Apollo. If a program is over-subscribed, a selection process that has been developed by Apollo will be used to determine who will be accepted in the over-subscribed program. Students are selected by the total number of core credits and then by the total number of credits in case of a tie. Then GPA alone ranks all students, starting with the highest to the lowest GPA, students are placed into the program until the maximum number has been reached. After Initial Enrollment Day, students will be seated according to a first-come, first-served basis--GPA is not a factor at that point. The final decision on who will be accepted in an over-subscribed program will rest with the Apollo Career Center.

Sophomores will be given an opportunity to visit Apollo for a Hands-On Day each January, with applications to Apollo due in early February.

A list of programs offered at Apollo is given below. Most programs are two years in length. Descriptions of these programs and the qualifications to enter may be obtained at www.apollocareercenter.com.

Communications: Print & Graphics

Environmental: Floral Design/Interiors

Business and IT: Administrative & Medical Office Technology
Computer Information Support
Multimedia Technology

Industrial Engineering:

Building Renovations	Automotive Technology
Automated Manufacturing Technology	Carpentry
Welding & Fabrication	Construction & Equipment Technology
Automotive Collision Technology	
Advanced Manufacturing Careers	

Health: Health Science
Sports Fitness & Exercise Science

Human Resources/Services:

Spa & Esthetics Technology	Culinary Arts
Cosmetology	Early Childhood Education

Credit Recovery:

Career Based Intervention
Career Exploration

CLASS ASSIGNMENT

Class Level Assignment is normally determined by the number of years the student has been in high school with the student being listed as a sophomore, junior, or senior regardless of the number of credits earned. However, each student must earn a minimum of 21.5 credits in classes that count toward graduation in order to actually graduate.

Every high school student must carry a minimum of six to seven (6-7) classes per day. Band, choir, and physical education may be included in this minimum requirement. No student may have more than one or two study halls per semester.

ELIGIBILITY FOR ATHLETES

To be eligible, during the preceding grading period, the student must have received passing grades in the equivalent of a minimum of five (5) one-credit courses that count toward graduation. For eligibility purposes, all classes count as 1 credit during a given grading period with the exception of physical education = .5. A student must also have maintained a 1.00 GPA according to Spencerville Board of Education Policy.

IN CASE OF FAILURE: HOW TO MAKE UP THE CREDIT

If a student has failed a course for the school year, he/she will have the option of completing it during the summer at a cost of \$50. Attending summer school in the school lab will be required unless other arrangements have been discussed with the administration. If the course is completed by the end of June, the fee will be waived. Summer school will run Monday – Thursday, 10:30am – 12:30pm, starting in June.

*****No more than four units of credit for graduation can be earned outside the regular school curriculum with the exception of students participating in the College Credit Plus program.**

COLLEGE CREDIT PLUS

Students wishing to take college-level classes must meet the guidelines of the program, which vary by university. An informational meeting will be held before March 30 each year for parents and students in grades 7–12. Further information is available in the Guidance Offices.

SCHEDULE CHANGES

Schedule changes will be considered on the following basis:

1. The minimum number of credits is being met.
2. There is a very good reason to drop the course.
3. Room is available in a study hall if a student is not adding another class.
4. The student needs to meet requirements to attend a vocational school.
5. The class being dropped is not a required course.

In general, schedule changes must be initiated within one week for a course; otherwise, a student will have to take a withdrawal F (W/F) in the course. (W/F on a transcript might be difficult to explain and could have an effect later.)

AUDITING A CLASS

Auditing a class involves retaking a class with the goal of improving the grade previously received. A student who audits a class must complete all of the work, participating in class activities as though it were the first time through the class. At the end of the year, if the student has earned a higher grade during the audit year, that grade will replace the first grade on the student's transcript [and will then be figured in to the GPA].

COURSE OFFERINGS for 2018 - 2019

- Courses are listed in alphabetical order by subject area.
- Courses designated as electives will be offered according to student interest and teacher availability.
- Course fees are set prior to the beginning of the school year once actual costs are known. Approximate figures, however, can be found at the end of this guide.

AGRICULTURAL EDUCATION

Please Note:

1. Students may receive .5 credit toward a science credit upon completion of the following one year classes:
Agriculture, Food & Natural Resources (Life/Biological Science)
Animal & Plant Science (Life/Biological Science)
Livestock Selection, Nutrition & Management (Life/Biological Science)
2. Agriculture, Food & Natural Resources is a prerequisite for all Ag classes.
3. Agriculture, Food & Natural Resources, Animal & Plant Science, and Livestock Selection, Nutrition & Management all count as one half of a life/biological science credit. Students will need to successfully complete two of the classes in order to earn one science credit required for graduation.
4. All Agricultural classes are yearlong. Students will earn one elective credit upon successful completion.
5. Each Ag student will be required to complete the following Supervised Agricultural Experience [SAE] projects annually:
 - A. Twenty hours of home and/or community development, **AND**
 - B. One of the following:
 1. A placement-based SAE with a minimum of 150 hours per year, **OR**
 2. An entrepreneurship SAE with gross sales of \$250.
6. All students enrolled in an Ag education course are required to be a member of the Future Farmers of America (FFA) and to participate in FFA activities throughout the year.
7. In order to be a member of the FFA, students must currently be enrolled in an Ag education course.

Course #:		AGIND		Course Name:	Agricultural Independent Study							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:						x
						Nine Weeks:						
Prerequisite[s]:		Agriculture, Food & Natural Resources; Must be enrolled in Business Management for Agricultural & Environmental Systems; Must be a senior in high school										
Special Information:		FFA membership required										
Description:		The capstone course is an opportunity for students to solve problems and demonstrate that they have achieved the requisite knowledge and skills in their chosen Agricultural & Environmental Systems career field pathway. The course is designed to assess cognitive, affective and psychomotor learning and to do so in a student-centered and student-directed manner. The capstone requires the application of learning to a project that serves as an instrument of evaluation.										

Course #:		AGFNR		Course Name:	Agriculture, Food & Natural Resources							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:			x	x	x	x
						Nine Weeks:						
Prerequisite[s]:		None										
Special Information:		Can be used for 1/2 credit of the life/biological science requirement; FFA membership required; Prerequisite for all other Ag courses; Must also take Plant & Horticultural Science or Animal Science & Technology to receive science credit; Formerly Agriscience I; \$20.00 Class Fee										
Description:		This course will teach students how to work in groups and develop their leadership abilities through hands on activities. Students will use the opportunities the FFA provide for growth and build upon their interpersonal skills. Students will use the animal science unit to promote proper animal husbandry and production to make sound decisions as a producer and consumer. Students will explain and demonstrate the basics in plant production and harvesting in helping make sound decisions as a consumer and producer.										

Course #:		AGPLANT		Course Name:		Animal & Plant Science						
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:				x	x	x
							Nine Weeks:					
Prerequisite[s]:		Agriculture, Food & Natural Resources										
Special Information:		Can be used for ½ credit of the life/biological science requirement; FFA membership required; \$20.00 Class Fee										
Description:		This course focuses on skills and technologies essential for agricultural and/or horticultural crop production. Cultural and sustainable production practices will be examined. Students will apply scientific knowledge of plan development, nutrition, and growth regulation. Environmental aspects of irrigation, chemical application and soil conservation will be evaluated. The course will also include equipment and precision technologies used in the industry. Projects and activities will enable students to develop communication, leadership, and business management skills.										

Course #:		AGBUS		Course Name:		Business Management for Agricultural & Environment Systems						
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:						x
							Nine Weeks:					
Prerequisite[s]:		Agriculture, Food & Natural Resources; Must be a senior in high school										
Special Information:		FFA membership required; \$20.00 Class Fee										
Description:		Students will learn the components of agricultural business by developing a business plan, applying marketing and sales techniques, and identifying business structures. Students will learn about leadership and management styles and the impact they have on business. Students will learn that agro-security, finance, career development, and human resources are important components of business management.										

Course #:		AGLIVE		Course Name:		Livestock Selection, Nutrition & Management						
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:				x	x	x
							Nine Weeks:					
Prerequisite[s]:		Agriculture, Food & Natural Resources										
Special Information:		Can be used for ½ life/biological science credit; FFA membership required; Formerly Ag Science II; \$20.00 Class Fee										
Description:		Students will identify and apply principles and practices to production animals. Topics will include principles of nutrition, feed utilization, animal welfare, selection and management of facilities, and population management. In addition, students will apply knowledge of nutrition to enhance animal growth, selection of breeding stock, along with performing management practices. Throughout the course, students will develop management plans reflecting practices for care and legal compliance.										

Course #:		AGMECH		Course Name:	Mechanical Principles							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:				x	x	x
						Nine Weeks:						
Prerequisite[s]:		Agriculture, Food & Natural Resources										
Special Information:		FFA membership required; \$20.00 Class Fee										
Description:		Students will develop skills in utilizing different construction materials and methods. Students will be able to prepare sites by using mapping and surveying methods along with soils evaluation. Learners will discover the different forms of designing and planning for a project. Students will learn skills in metal fabrication, electricity, concrete and masonry, plumbing, and basic building construction. Students will learn other critical components of structural engineering including safety, business law and regulations.										

ART

Course #:		ART1		Course Name:	Art I/General Art								
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12	
	x			Elective:	x	Semester:				x	x	x	x
						Nine Weeks:							
Prerequisite[s]:		None											
Special Information:		\$25.00 Class Fee											
Description:		General Art is an introductory art course for all students grades 9-12. It deals with improving both a student's technical skills and his/her appreciation for art. An emphasis is placed upon drawing; however, many different media are used and experimented with throughout the year. Originality and creative thinking are stressed in regard to an individual's work. The evolution of art and man is discussed in an effort to familiarize the student with the art of societies both past and present. Students are tested over art terms and art history.											

Course #:		ART2		Course Name:		Art II/Drawing and Painting						
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:				x	x	x
						Nine Weeks:						
Prerequisite[s]:		Art I										
Special Information:		\$25.00 Class Fee										
Description:		<p>Art II (Drawing and Painting) offers the student a chance to continue with the principles learned in Art I, however in a more advanced setting. It is therefore <u>required</u> that Art I be taken before attempting this course.</p> <p>In this course, the emphasis is placed upon the students' 2-dimensional representation through the use of composition, design, and color theories in the development of their work. Advanced drawing techniques and various types of drawing media (pen and ink, charcoal, and pastels) are covered, as is painting (oils, acrylics, and water-color).</p>										

Course #:		ART3		Course Name:		Art III/Advanced Art						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x				x	x
						Nine Weeks:						
Prerequisite[s]:		Art I & Art II required										
Special Information:		It is <u>strongly suggested</u> that these courses <u>not</u> be taken out of sequence. \$25.00 Class Fee										
Description:		<p>This course allows interested students to continue to improve upon the skills and principles learned in Art I and Art II. A wide range of media will be expanded on covering both 2- and 3-dimensional representation. Students will be expected to develop ideas on an individual basis and to begin to cultivate their own style. Many projects will require self motivation and creativity.</p>										

Course #:		ART4		Course Name:		Art IV/Ceramics						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x			x	x	x
						Nine Weeks:						
Prerequisite[s]:		Art I required Art II recommended										
Special Information:		\$25.00 Class Fee										
Description:		<p>This course is a continuation of the principles learned in Art I & II; however, the emphasis is upon 3-dimensional representation. In the context of Ceramics, the following areas are covered:</p> <p>A. Preparing clay (wedging) B. <u>Basic Hand building</u> - development of skills in working with the slab, coil, pinch, mold, and carve block methods of hand building C. <u>Clay Sculpture</u> - including both additive and subtractive D. Throwing - introductory work on the potter's wheel</p>										

Course #:		ART5		Course Name:	Art V/Independent Study							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:						x
						Nine Weeks:						
Prerequisite[s]:		Art I, II & III required										
Special Information:		Due to the advanced nature and reliance on independent responsibility and personal motivation, this course is intended for those seniors with a serious interest in the field of art. Students wishing to take Art V must have written permission of instructor with scheduling request. \$25.00 Class Fee										
Description:		Art V is intended for those students who wish to expand, privately, on ideas that they have or wish to express and cannot do so in any other art course. It is open-ended in concept, and therefore, requires motivation, responsibility and discipline. All projects must be worked on in class and can either be long or short term, 2- or 3-dimensional. Students will be expected to create a cohesive body of work with thought and concentration and will be required to periodically write about their work. A minimum of 4 grades/projects is required for each nine week grading period.										

Course #:		PHOTO1		Course Name:	Photography I							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:												
Special Information:		Limited class size; Access to digital camera/camera phone with SD card or USB cord preferred										
Description:		Photography I is an introductory course to the basic core concepts of photography. Students will focus on the use of digital cameras, composition, lighting and basic digital editing techniques. A variety of computer software will be used. Students will also begin to explore the history of photography and career options. Along with creating a portfolio of their work, students will be tested on various terms and techniques.										

Course #:		PHOTO2		Course Name:	Photography II							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:		Photography I										
Special Information:		Limited class size; Access to digital camera/camera phone with SD card or USB cord preferred										
Description:		Photography II students will utilize and expand upon the basic skills learned in Photography I with an added emphasis on digital manipulation. By the end of the course, students will be able to demonstrate how to set up and compose digital photos, and to manipulate and touch-up digital images using digital enhancements software. Students will be expected to create a well-rounded portfolio of their work.										

Course #:		PHOTO3, 4,5		Course Name:		Advanced Photography III, IV, V						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x			x	x	x
							Nine Weeks:					
Prerequisite[s]:		Photography I & II										
Special Information:		Independent Study; Limited Class Size; Access to digital camera/camera phone with SD card or USB cord preferred; WRITTEN PERMISSION OF INSTRUCTOR REQUIRED WITH SCHEDULING REQUEST										
Description:		Advanced Photography courses expand on the techniques used in the previous classes. Students will explore the work of famous photographers in order to develop their own sense of style. This class requires students use their classroom and personal time efficiently and show self-motivation, responsibility and discipline. Students will be expected to create a cohesive body of work throughout the semester and to maintain a portfolio showcasing their skills.										

Course #:		YRBK		Course Name:		Yearbook Production							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12	
	x			Elective:	x	Semester:				x	x	x	x
							Nine Weeks:						
Prerequisite[s]:													
Special Information:		Limited to 12 students, with preference given by grade level; Preference given to students who have successfully completed Computer I and II and/or Photography; Students must complete and turn in the Yearbook Acceptance Application and have three teacher recommendations for consideration to join staff; This course can be taken every year for credit.											
Description:		Students will be introduced to the sales and marketing, writing, layout, editing, and photographic techniques used in the making of a school yearbook, with production of the SHS Echoes as the culminating project each year. Students will work with Photoshop, Josten's web-based yearbook program, and digital photography. Students will be expected to sell ads as a part of their course requirement. Ad sales are a portion of each quarter's grade.											

BUSINESS EDUCATION

Course #:		ACCT1CCP		Course Name:	Accounting I – College Credit Plus through Rhodes State College - TAG							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:			x	x	x	x
						Nine Weeks:						
Prerequisite[s]:		Satisfactory background in basic mathematics (addition, subtraction, multiplication, and division)										
Special Information:		Students who successfully complete this course have the opportunity to obtain 4 college credit hours through Rhodes state College. This course is identified as a TAG (Transfer Assurance Guide) course, which means that the course will transfer in the same format regardless of which public Ohio college/university to which it is transferred. The hours will appear on an official Rhodes State College transcript.										
Description:		Account I (Accounting 1010 at Rhodes State College) is an introduction to fundamental corporate accounting concepts and principles. This course is the foundation for subsequent accounting courses as the topics covered provide a solid background for those courses. This fundamental accounting course will introduce general accounting terminology, basic accounting concepts and principles, and the accounting cycle for a corporation. This course has been approved for full or partial fulfillment of the following TAG, OBU, OAN# 001.										

Course #:		ACCT2CCP		Course Name:	Accounting II – College Credit Plus through Rhodes State College - TAG							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:			x	x	x	x
						Nine Weeks:						
Prerequisite[s]:		Satisfactory completion of Accounting I (ACCT1CCP/ACC 1010)										
Special Information:		Students who successfully complete this course have the opportunity to obtain 4 college credit hours through Rhodes State College. This course is identified as a TAG – Transfer Assurance Guide – course which means that the course will transfer in the same format regardless of which public Ohio college/university to which it is transferred. The hours will appear on an official Rhodes State College transcript.										
Description:		Accounting 2 (Accounting 1020 at Rhodes State College) is a course that introduces the student to the fundamental managerial accounting principles. The student will learn the basics to internal accounting processes along with how to determine the cost of a product, study cost behavior and analysis, appropriate profit reporting, budgeting, performance evaluation, differential analysis and capital investment analysis. This course has been approved for full or partial fulfillment of the following TAG OSU, OAN# 011.										

Course #:		BUSLAW1		Course Name:	Business Law I							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:		None										
Special Information:		\$5.00 Class Fee										
Description:		<p>This course develops a practical understanding of law and its legal framework. Areas covered include: understanding of our court structures, their jurisdiction and procedures; development of knowledge of family law and wills; the essential parts and legality of contracts; third parties, relationship of landlord and renter, employer and employee and bailments.</p> <p>Objectives:</p> <ol style="list-style-type: none"> 1) to help students gain an understanding of law that affects their business and personal life 2) to provide the students with the knowledge in the areas of our legal rights, privileges and responsibilities 										

Course #:		BUSLAW2		Course Name:	Business Law II							
C R E D I T	1	.5	.25	Required:	x	Full Year:		G R A D E	09	10	11	12
		x		Elective:		Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:		Business Law I is NOT required, but recommended.										
Special Information:		\$5.00 Class Fee										
Description:		<p>This course is a continuation of Business Law I. It further develops a practical understanding of the law and its legal framework as it applies to both businesses and individuals. Areas covered include: employment contracts, unions, employee rights, employee injuries; personal property, bailments, real property; commercial papers (promissory notes); and an in-depth view of careers in law, choosing an attorney, and when and how to litigate in small claims court.</p> <p>The objectives of the course are: 1) to provide students with the basic knowledge of their legal rights, responsibilities, duties, and privileges; and 2) to give students basic understanding of how to approach and handle legal issues both personally and with regards to business.</p>										

Course #:		CONECO			Course Name:	Consumer Economics							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12	
		x		Elective:	x	Semester:	x		x	x	x	x	
							Nine Weeks:						
Prerequisite[s]:		None											
Special Information:		\$5.00 Class Fee											
Description:		<p>Consumer Economics is a course designed to make students more aware of how economics affects their lives and to help them in making wiser economic decisions. The course discusses problems that all of us will face as consumers in the marketplace. Areas covered include banking systems and service, all types of insurance, credit (its use, importance and operation), free enterprise system, and other economic systems and consumerism (personal use and the purchasing of basic goods and services). A brief review of economic theory will be undertaken.</p> <p>Objectives:</p> <ol style="list-style-type: none"> 1) to understand economic systems, theories, and their operation 2) to understand the relationship between business enterprise and individual economic decision making 3) to understand the economic principles that are essential for the participation of students in the following areas: <ul style="list-style-type: none"> (a)role of citizen, worker and consumer (b)wise management of one's economic affairs (c)performance as an efficient producer in one's occupation or profession 											

Course #:		GENBUS			Course Name:	General Business							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12	
	x			Elective:	x	Semester:			x	x	x	x	
							Nine Weeks:						
Prerequisite[s]:		None											
Special Information:		\$5.00 Class Fee											
Description:		<p>This introductory course in basic business is designed to help young people understand the world of business and their part as consumers, producers, and citizens.</p> <p>Objectives:</p> <ol style="list-style-type: none"> 1) to develop an understanding of the basic structure of the various economic systems and the history of the U.S. economic system 2) to examine the nature and function of money and credit in our business system 3) to provide the knowledge necessary for the wise use of personal credit 4) to involve students with the roles they will play as consumers, including managing, saving and spending money 5) to develop an appreciation of the need for taxes and to examine some of the problems of taxation 6) to show the effect of technology on jobs and on the relationship between education and employment opportunities 7) to acquire an understanding of the various types of insurance - cost, coverage, and applicability - with regards to consumers and business 											

Course #:	INTBUS			Course Name:	International Business							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:		None										
Special Information:		\$5.00 Class Fee										
Description:		This course provides an overview of the importance of international business and trade in the global economy and explores the factors that influence success in international markets. It will focus on the study of international cultures and their corresponding geography, global economics, global business management, marketing in a global environment, global supply chain management, and financial management and business practices that are critical to global business success. This course prepares students for post-secondary programs in business, including international business, marketing, and management.										

Course #:	PFINCCP			Course Name:	Personal Finance – College Credit Plus through Rhodes State College							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x				x	x
						Nine Weeks:						
Prerequisite[s]:		Satisfactory background in basic mathematics (addition, subtraction, multiplication, and division) and must be a junior or senior.										
Special Information:		Students who successfully complete this course have the opportunity to obtain 3 college credit hours through Rhodes State College. The hours will appear on an official Rhodes State College transcript and can be transferred to other colleges/universities. The course format may be in-class lecture based, online, or blended (combination of in-class or online).										
Description:		Personal Finance (FIN 1250 at Rhodes State College) provides students with a basic understanding of personal money management problems, personal financial planning, consumer credit, personal insurance planning, securities analysis, Medicare, Social Security benefits, etc.										

COMPUTER TECHNOLOGY

Course #:	COMAP1CCP			Course Name:	Computer Applications I – College Credit Plus through Rhodes State College							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:												
Special Information:				Students who successfully complete this course are given the opportunity to obtain 3 college credit hours through Rhodes State College. The hours appear on a college transcript and can be transferred to other colleges/universities.								
Description:				This introductory computer course is designed to provide students a basic understanding of Microsoft Word, Excel, Access and PowerPoint using Office 2010. Students will become proficient in the creation and formatting (includes visual elements) of reports, research papers, resumes, memos, tables, spreadsheets [including formulas], database (tables, queries, forms, and reports), and presentations. Students will also learn the benefits of using integrated software to create a capstone project.								

Course #:	COMAP2			Course Name:	Computer Applications II							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:				Computer Applications I								
Special Information:												
Description:				This advanced computer course focuses on web site design and desktop publishing using Expression Web 4 and Microsoft Publisher. Students will be introduced to Expression Web 4 and become familiar with the design and development phases of web page/web site construction. Using Microsoft Publisher, students will learn how to create well-designed graphics-based publications, such as flyers, pamphlets, newsletters, and postcards. Integrating the basic knowledge of both softwares, students will be required to create two complete multi-page websites during the course of the semester.								

Course #:		COMAP3		Course Name:	Computer Applications III (Full year)							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:				x	x	x
						Nine Weeks:						
Prerequisite[s]:		Computer Applications I & II										
Special Information:		This is a year-long class. Class limited to 10 students.										
Description:		This course is offered as a class or as an independent study and is based on student-initiated and hands-on learning. Students will be required to maintain the district's calendars and website and to assist with troubleshooting basic computer printer and other technology related problems. Students will also be expected to assist instructors with special computer-related assignments and projects. Students taking the course MUST be self-motivated, responsible, and able to manage day-to-day assignments and activities in a timely manner with minimal direction.										

Course #:		COMAP		Course Name:	Computer Applications III (Semester)							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x			x	x	x
						Nine Weeks:						
Prerequisite[s]:		Computer Applications I & II										
Special Information:		This is a semester class. Class limited to 10 students.										
Description:		This course is offered as a class or as an independent study and is based on student-initiated and hands-on learning. Students will be required to maintain the district's calendars and website and to assist with troubleshooting basic computer printer and other technology related problems. Students will also be expected to assist instructors with special computer-related assignments and projects. Students taking the course MUST be self-motivated, responsible, and able to manage day-to-day assignments and activities in a timely manner with minimal direction.										

ENGLISH

Course #:		ENG1		Course Name:		English I/Freshman English						
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:			x			
						Nine Weeks:						
Prerequisite[s]:		None										
Special Information:		Freshmen must take either English I or Advanced English I; \$12.00 Class Fee										
Description:		This course explores the fundamentals of the English language and explores the processes needed for effective communication and comprehension. Students will 1) develop listening, viewing and speaking skills; 2) expand their knowledge and use of grammatical skills; 3) use the writing process to produce a variety of narrative, descriptive, and expository writings; 4) use the research process to produce a research paper and a PowerPoint/Prezi presentation; 5) improve their functional reading skills; and 6) develop an expanding vocabulary.										

Course #:		AENG1		Course Name:		Advanced English I/Advanced Freshman English						
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:			x			
						Nine Weeks:						
Prerequisite[s]:		None										
Special Information:		Freshmen must take either English I or Advanced English I; \$4.00 Class Fee										
Description:		This course provides the same goals and objectives as English I with a more advanced and in-depth study of the processes needed for effective communication and analysis of literature. Summer reading will be required for this class. Due to the added workload that this advanced class entails, students are encouraged to discuss the course requirements with the teacher or guidance counselor prior to registration. This course explores the fundamentals of the English language and explores the processes needed for effective communication and comprehension. Students will 1) develop listening, viewing and speaking skills; 2) expand their knowledge and use of grammatical skills; 3) use the writing process to produce a variety of narrative, descriptive, argumentative, and expository writings; 4) use the research process to produce a research paper and a PowerPoint/Prezi presentation; 5) improve their functional reading, critical thinking and analytical skills; and 6) develop an expanding vocabulary.										

Course #:		ENG2		Course Name:	English II/Sophomore English							
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:				x		
							Nine Weeks:					
Prerequisite[s]:		English I or Advanced English I										
Special Information:		Sophomores must take <u>either</u> English II or Advanced English II; \$15.00 Class Fee										
Description:		This course continues to develop reading, writing, and speaking/listening skills as they pertain to the processes of communication. Students in this class will do the following: 1) enhance their functional reading, vocabulary acquisition, and writing skills by reading, analyzing, and writing about a variety of both abridged and unabridged literary and informational selections; 2) use the writing process to produce informative/explanatory, argumentative, and research-based writings that will be collected in a writing portfolio; 3) develop their knowledge of English grammar and usage to consider how they pertain to the writing process and formal use of the English language; 4) practice and develop their communication and collaboration skills; and 5) continue to develop and refine their critical thinking and analytical skills.										

Course #:		AENG2		Course Name:	Advanced English II/Advanced Sophomore English							
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:				x		
							Nine Weeks:					
Prerequisite[s]:		English I or Advanced English I										
Special Information:		Sophomores must take <u>either</u> English II or Advanced English II; \$25.00 Class Fee										
Description:		This course provides the same goals and objectives as English II with a more advanced and in-depth study of the communication processes of reading, writing, and speaking. Summer reading will be required for this class. Due to the added workload that this advanced class entails, students should discuss the course requirements with the teacher or guidance counselor prior to registration. This course continues to develop reading, writing, and speaking/listening skills as they pertain to the processes of communication. Students in this class will do the following: 1) enhance their functional reading, vocabulary acquisition, and writing skills by reading, analyzing, and writing about a variety of both abridged and unabridged literary and informational selections; 2) use the writing process to produce informative/explanatory, argumentative, and research-based writings that will be collected in a writing portfolio; 3) develop their knowledge of English grammar and usage to consider how they pertain to the writing process and formal use of the English language; 4) practice and develop their communication and collaboration skills; and 5) continue to develop and refine their critical thinking and analytical skills.										

Course #:		ENG3		Course Name:		English III/Junior English						
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:					x	
						Nine Weeks:						
Prerequisite[s]:		English I or Advanced English I, English II or Advanced English II										
Special Information:		Juniors must take <u>either</u> English III or Advanced English III; \$7.00 Class Fee										
Description:		This course provides further study of the processes of effective communication. Students will 1) make varied use of listening, viewing, and speaking skills; 2) use the writing process to produce a portfolio of narrative, descriptive, expository, and persuasive writings; 3) read and examine fiction and nonfiction selections of American Literature; 4) refine their functional reading, critical thinking and interpretive skills; and 5) refine their grammar skills as they apply to both their speaking experiences as well as their writing experiences. Students will also work to improve their graduation and college readiness skills through their use of language in presentations, editing organization and writing skills.										

Course #:		AENG3		Course Name:		Advanced English III/Advanced Junior English						
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:					x	
						Nine Weeks:						
Prerequisite[s]:		English I or Advanced English I, English II or Advanced English II										
Special Information:		Juniors must take <u>either</u> English III or Advanced English III; \$14.00 Class Fee										
Description:		This course provides further study of the processes of effective communication with a more advanced and in-depth study of literature, the writing process, listening/visual skills, and verbal communication. Due to the added work load that this advanced class entails, students are encouraged to discuss the course requirements with the teacher or guidance counselor prior to registration. Summer reading will be required for this course. This course provides further study of the processes of effective communication. Students will 1) make varied use of listening, viewing, and speaking skills; 2) use the writing process to produce a portfolio of narrative, descriptive, expository, and persuasive writings; 3) read and examine fiction and nonfiction selections of American Literature; 4) refine their functional reading critical thinking and interpretive skills; and 5) refine their grammar skills as they apply to both their speaking experiences as well as their writing experiences. Students will also work to improve their graduation and college readiness skills through their use of language in presentations, editing, organizational, rhetorical and writing skills.										

Course #:		ENG4		Course Name:	English IV/Senior English							
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:						x
						Nine Weeks:						
Prerequisite[s]:		English I, II, or III, or Advanced English I, II, or III										
Special Information:		Seniors must take English IV or Advanced English IV; \$13.00 Class Fee										
Description:		<p>Students in this course will continue to explore, develop, and refine their knowledge, reasoning, and skills in using and applying the English language in formal written and spoken forms in order to be college and/or career ready upon graduation from high school. This college/career preparatory course continues to develop reading, writing, and speaking/listening skills as they pertain to the processes of communication. Students in this class will do the following: 1) enhance their functional reading, vocabulary acquisition, and writing skills by reading, analyzing, and writing about a variety of both abridged and unabridged literary and informational selections; 2) use the writing process to continue to produce informative/explanatory, argumentative, and research-based writings that will be collected in a writing portfolio; 3) refine their knowledge of English grammar and usage to consider how they pertain to the writing process and formal use of the English language; 4) enhance their communication and collaboration skills; 5) continue to develop and refine their critical thinking and analytical skills; 6) continue to apply the use of Modern Language Association (MLA) formatting and style guidelines for formal writing assignments; 7) learn to apply the use of American Psychological Association (APA) formatting and style guidelines for formal writing assignments; and 8) enhance their narrative and research-based writing skills and public speaking skills through the completion of the career project (a required capstone project). The career project is a required capstone project that includes but is not limited to the following components: 1) job shadowing and interviewing in their chosen career field(s) and composing a formal narrative report—using MLA formatting and style guidelines—about their experience; 2) researching career profile and occupation details using both Ohio Means Jobs and the U.S. Bureau of Labor Statistics Occupational Outlook Handbook; 3) composing a formal research paper—using APA formatting and style guidelines—about their chosen career field(s); 4) building a functional resume, cover letter, and reference list; and 5) preparing a formal career project presentation to share with their classmates and teacher regarding the aforementioned career project components.</p>										

Course #:		AENG4			Course Name:	Advanced English IV/Advanced Senior English							
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12	
	x			Elective:		Semester:						x	
						Nine Weeks:							
Prerequisite[s]:		English I, II, or III, or Advanced English I, II, or III											
Special Information:		Seniors must take English IV or Advanced English IV; \$13.00 Class Fee											
Description:		<p>This class is recommended for college-bound seniors already proficient in reading for comprehension and composition of various forms of writing. Advanced Senior English is designed to be the equivalent of a college-level Freshman English course. Students who qualify can opt to register for College Credit Plus through Urbana University (ENG120: College Writing) to earn both high school and college credit for this class. Summer reading is required for this class. Due to the added workload that this advanced class entails, students should discuss the course requirements with the teacher or guidance counselor prior to registration. Students in this course will continue to explore, develop, and refine their knowledge, reasoning, and skills in using and applying the English language in formal written and spoken forms in order to be college and/or career ready upon graduation from high school. This college/career preparatory course continues to develop reading, writing, and speaking/listening skills as they pertain to the processes of communication. Students in this class will do the following: 1) enhance their functional reading, vocabulary acquisition, and writing skills by reading, analyzing, and writing about a variety of both abridged and unabridged literary and informational selections; 2) use the writing process to continue to produce informative/explanatory, argumentative, and research-based writings that will be collected in a writing portfolio; 3) refine their knowledge of English grammar and usage to consider how they pertain to the writing process and formal use of the English language; 4) enhance their communication and collaboration skills; 5) continue to develop and refine their critical thinking and analytical skills; 6) continue to apply the use of Modern Language Association (MLA) formatting and style guidelines for formal writing assignments; 7) learn to apply the use of American Psychological Association (APA) formatting and style guidelines for formal writing assignments; and 8) enhance their narrative and research-based writing skills and public speaking skills through the completion of the career project (a required capstone project). The career project is a required capstone project that includes but is not limited to the following components: 1) job shadowing and interviewing in their chosen career field(s) and composing a formal narrative report—using MLA formatting and style guidelines—about their experience; 2) researching career profile and occupation details using both Ohio Means Jobs and the U.S. Bureau of Labor Statistics Occupational Outlook Handbook; 3) composing a formal research paper—using APA formatting and style guidelines—about their chosen career field(s); 4) building a functional resume, cover letter, and reference list; and 5) preparing a formal career project presentation to share with their classmates and teacher regarding the aforementioned career project components.</p>											

Course #:		SPEECH			Course Name:	Speech							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12	
		x		Elective:	x	Semester:			x	x	x	x	
						Nine Weeks:							
Prerequisite[s]:													
Special Information:													
Description:		<p>This course investigates, develops, and refines verbal and nonverbal communication. The students will 1) research, develop, and deliver a variety of organized speeches; and 2) identify, apply, and refine proper communication skills.</p>											

FAMILY CONSUMER SCIENCES

Course #:	FCS1			Course Name:	Family Consumer Science I							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:			x	x	x	x
							Nine Weeks:					
Prerequisite[s]:		None										
Special Information:		This class is NOT a science class. This course will include food preparation labs. Students will be required to purchase material for a sewing project. Class limited to 16 students; \$25.00 Class Fee										
Description:		This is a practical course to put your life in focus and learn to use your resources to meet your goals at school, home and in the workplace. Gain knowledge and practical skills in several areas of interest including communication, foods, clothing construction, financial management, child development and interior design.										

Course #:	NUT1			Course Name:	Nutrition & Wellness I							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
							Nine Weeks:					
Prerequisite[s]:		None										
Special Information:		Class limited to 16 students. When scheduling, preference will be given to upperclassmen; \$25.00 Class Fee										
Description:		If you are looking for a practical course that focuses on your concerns related to food selection and preparation, then this is the course for you. Topics include selecting foods; equipment operation; obtaining, serving and storing foods; and promoting wellness and good health. Food prep units include: Yeast breads, advanced eggs cookery, dairy foods, preservation, breakfast foods, candy, meal planning, and microwave cooking.										

Course #:	NUT2			Course Name:	Nutrition & Wellness II							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
							Nine Weeks:					
Prerequisite[s]:		Nutrition & Wellness I										
Special Information:		Class limited to 16 students. When scheduling, preference will be given to upperclassmen; \$30.00 Class Fee										
Description:		Students will explore "My Plate" guidelines and make plans for healthier eating habits. This will be a practical course to learn basics of cooking. Food units of soups, casseroles, appetizers, garnishes, vegetables, foreign foods, meat selection, pastry/pies, salads, advanced meal planning, and cake decorating will be covered.										

Course #:		CAR1		Course Name:	Career Search I							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:		None										
Special Information:												
Description:		Do you know what you want to do to make a living to support yourself and your future family? Investigate yourself and your abilities as part of this course to create a career blueprint which leads you down a career path which uses your talents, interests, and skills to provide personal job satisfaction. Learn job search skills to interpret career and workplace issues and acquire interpersonal skills essential in the workplace. Learn to reduce and manage stress, resist peer pressure on the job and to resolve conflicts in interpersonal, educational and workplace relationships in a professional manner.										

Course #:		CLOTH		Course Name:	Clothing Construction							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:		Interest in clothing construction, 4-H or Family Consumer Science class.										
Special Information:												
Description:		Using basic clothing construction methods to learn skills that can lead to a career in alterations or construction. Students will design and construct garments for the Spencerville All-School Musical as well as learn to make basic alterations and construct garments for themselves.										

Course #:		CHILD1		Course Name:	Child Development I							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:		None										
Special Information:		Recommended for students planning a career related to children, child development, teaching, nursing, etc. Also recommended for those students who plan to have a family of their own; \$5.00 Class Fee										
Description:		Do you like children, plan to work in a career associated with children or see yourself becoming a parent sometime in the future? Explore development of children from conception through one year. Special interest areas will be teen parenting, family structures and birth defects.										

Course #:		CHILD2		Course Name:		Child Development II						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:		Child Development I										
Special Information:		\$5.00 Class Fee										
Description:		This is a continuation from Child Development I and will explore areas of child development for children two through twelve years of age. Plan and implement activities for children 4 - 6. Learn about special challenges for children including abuse, disabilities and family stresses.										

HEALTH

Course #:		HEALTH		Course Name:		Health						
C R E D I T	1	.5	.25	Required:	x	Full Year:		G R A D E	09	10	11	12
		x		Elective:		Semester:	x			x		
						Nine Weeks:						
Prerequisite[s]:		None										
Special Information:		Required for graduation Can be taken by juniors due to scheduling conflicts Not offered at Apollo Career Center										
Description:		The Health course assists the student in gaining an intelligent understanding of the human body and mind in order to maintain good health and at the same time couples the student's knowledge with a desire to achieve the highest degree of health. The topics covered in this course are basic body functions, communicable diseases, human anatomy and reproduction, drugs, alcohol, tobacco, first aid, personal grooming, mental health and chronic diseases.										

INDUSTRIAL TECHNOLOGY

Course #:		ADRAF1		Course Name:		Architectural Drafting I						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:				Must earn a passing grade in Technical Drawing I prior to taking this course.								
Special Information:				\$20.00 Class Fee								
Description:				<p>This course studies the design of buildings and the spaces around them. The primary emphasis is on residential construction. Areas to be covered include architectural styles, room planning, drafting equipment and procedures, and working drawings of floor plans, foundation plans, elevations, and electrical plans.</p> <p>Objectives: 1) identify various styles of architecture and describe their influence on modern architecture; 2) identify traffic patterns in room designs; 3) complete a working set of house plans; 4) identify individual structure members in a house design.</p>								

Course #:		ADRAF2		Course Name:		Architectural Drafting II						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:				Must earn a passing grade in Architectural Drafting I prior to taking this course.								
Special Information:				Independent Study; Limited class size WRITTEN PERMISSION OF INSTRUCTOR REQUIRED WITH SCHEDULING REQUEST; \$20.00 Class Fee								
Description:				This course is a continuation of Architectural Drafting I although the student will be working independently and will be expected to complete assignments with very little assistance from the instructor. Students will also learn the software from Autodesk: Architecture Revit.								

Course #:		CAD1		Course Name:		Computer-Aided Drafting [CAD] I						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:				Must earn a passing grade in Technical Drawing I prior to taking this course.								
Special Information:				Limited to 10 students; \$20.00 Class Fee								
Description:				This course examines the expanding world of computers as a tool in engineering and architectural design and drafting. Existing drafting fundamentals will be applied to the practical application of computers using AutoCAD and Autodesk Inventor.								

Course #:		CAD2		Course Name:		Computer-Aided Drafting [CAD] II						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x			x	x	x
							Nine Weeks:					
Prerequisite[s]:		CAD I										
Special Information:		Limited to 10 students; \$20.00 Class Fee										
Description:		<p>This course is designed to give students a chance to expand their study of CAD principles and capabilities. The nature of the software in AUTOCAD provides almost unlimited opportunities in using CAD for design work.</p> <p>Objectives: 1) Demonstrate an understanding of CAD and it's increased role in industry 2) Construct accurate detailed drawings using the computer as a tool. 3) Master the software menu, ribbon, and toolbar to allow for faster efficient use of time spent on the computer.</p>										

Course #:		CAD 3, 4, 5		Course Name:		CAD III, IV, V						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x				x	x
							Nine Weeks:					
Prerequisite[s]:		Previous CAD class in the sequence										
Special Information:		Independent Study; Limited class size; \$20.00 Class Fee/Class WRITTEN PERMISSION OF INSTRUCTOR REQUIRED WITH SCHEDULING REQUEST										
Description:		These classes are designed to continue the skills developed in CAD II.										

Course #:		CONST1		Course Name:		Construction Foundation I						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
							Nine Weeks:					
Prerequisite[s]:												
Special Information:		\$20.00 Class Fee										
Description:		<p>Problem solving skills will be used with activities related to residential construction. Construction projects will include an emphasis on residential framing, basic wiring and plumbing activities. Students will brainstorm, design, construct and test projects and materials. Students will use hand tools, simple writing techniques and various fastening methods when constructing these projects. This class will also help students identify careers in residential construction. Many power tools and machines are used in this class so students must maintain a strong awareness of safety. Due to safety concerns, students are required to wear appropriate footwear (no open toed shoes).</p>										

Course #:		CONST2		Course Name:		Construction Foundation II						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x			x	x	x
						Nine Weeks:						
Prerequisite[s]:		Construction Foundation I										
Special Information:		\$20.00 Class Fee										
Description:		Problem solving skills will be used with activities related to residential construction. Construction projects will include an emphasis on residential framing, advanced wiring and plumbing activities, hanging and repairing drywall, and roofing. Students will brainstorm, design, construct, and test projects and materials. Students will use hand tools, simple wiring techniques, and various fastening methods when constructing these projects. This class will also help students identify careers in residential construction. Many power tools and machines are used in this class so students must maintain a strong awareness of safety. Due to safety concerns, students are required to wear appropriate footwear (no open toed shoes).										

Course #:		IDE1		Course Name:		Industrial Design & Engineering I						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x			x	x	x
						Nine Weeks:						
Prerequisite[s]:		Technical Drawing I & II										
Special Information:		\$20.00 Class Fee										
Description:		This course is a continuation of Technical Drawing I & II. Students will utilize and expand upon the basic skills that were developed in these earlier courses. This course describes the field of engineering and engineering technology allowing students to explore technology systems and design processes. Students will be asked to "Design, Draw & Build" a variety of projects that require both previous and recent drafting skills as well as math, science, technology and writing to solve engineering problems.										

Course #:		IDE2		Course Name:		Industrial Design & Engineering II						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x			x	x	x
						Nine Weeks:						
Prerequisite[s]:		Technical Drawing I and Industrial Design & Engineering I										
Special Information:		\$20.00 Class Fee										
Description:		This course is a continuation of Industrial Design & Engineering I. Students will utilize and expand upon the basic skills that were developed in the earlier courses. This course describes the field of engineering and engineering technology allowing students to explore technology systems and design processes. Students will be asked again to "Design, Draw & Build" a variety of projects that require both previous and recent drafting skills as well as math, science, technology and writing to solve engineering problems.										

Course #:		INSKIL		Course Name:		Industrial Life Skills						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:				None								
Special Information:				\$20.00 Class Fee								
Description:				This home improvement class provides students with the skills and knowledge that allow them to repair and maintain authentic household environments. This class involves a wide range of fields including plumbing, carpentry, electrical, construction, mechanical, and automotive. Students will use a series of problem solving processes to develop critical thinking skills by identifying and correcting commonly occurring problems that are associated with every day living. A few examples include repairing holes in drywall, fixing faulty plumbing and changing flat tires.								

Course #:		TDRAW1		Course Name:		Technical Drawing I						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:				None								
Special Information:				\$20.00 Class Fee								
Description:				Technical Drawing I is a pre-engineering, pre-architecture, and pre-design oriented class. This class focuses on the instruction of the following: measuring, sketching, lettering, single view drawings, orthographic projection, and design process. This course is recommended for students selecting a career or interested in any field of engineering, architecture, interior design, industrial design, graphic design, construction manufacturing, computer technology or any trade using working drawings.								

Course #:		TDRAW2		Course Name:		Technical Drawing II						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:				Technical Drawing I								
Special Information:				\$20.00 Class Fee								
Description:				Technical Drawing II builds on the foundation of the beginning level of technical drawing. This course is designed to prepare students interested in a career in architecture, design, engineering, construction, and manufacturing or computer technology field. Students will have review instruction from Technical Drawing I and new instruction in isometrics, descriptive geometry, section views, assembly drawings, and model building. This level two course employs the "Design, Draw & Build" philosophy in Industrial Technology. Also students will be using AutoCAD and Autodesk Inventor software.								

Course #:		TDRAW3, 4, 5, 6, 7		Course Name:		Technical Drawing III, IV, V, VI, VII						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x			x	x	x
						Nine Weeks:						
Prerequisite[s]:		Previous Technical Drawing class in the sequence										
Special Information:		Limited to 10 students; Independent Study WRITTEN PERMISSION OF INSTRUCTOR REQUIRED WITH SCHEDULING REQUEST; \$20.00 Class Fee/Class										
Description:		These courses are designed to allow students to focus, research, and study a specialized area of drafting that represents both a personal interest and challenge. Students will use advanced drafting techniques to complete required assignments. Objectives: 1) Demonstrate the ability to work on an independent basis in researching project area 2) Construct complete drawings of several pages meeting all criteria or project area 3) Demonstrate speed and efficiency in all drafting work to enable completion of assignments.										

Course #:		MTECH1		Course Name:		Metals Technology I						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x			x	x	x
						Nine Weeks:						
Prerequisite[s]:		Technical Drawing I										
Special Information:		\$25.00 Class Fee										
Description:		Metals Technology I is an introduction to the metals industry. Emphasis is placed on the use of hands on tools for cutting, forming, and joining a variety of metals. The student will have the opportunity to develop basic skills and knowledge as they explore the metalworking industry. Objectives: 1) to learn to use metalworking tools; 2) to develop skills in design and planning through the construction of projects; 3) to provide a basis for career selection by exploring metalworking occupations; 4) to provide consumer knowledge for the evaluation of commercial metal products.										

Course #:		MTECH2		Course Name:		Metals Technology II						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x			x	x	x
						Nine Weeks:						
Prerequisite[s]:		Technical Drawing I and Metal Technology I										
Special Information:		\$25.00 Class Fee										
Description:		This course is designed to be a continuation of Metals Technology I. Selected areas of study will be developed in greater depth with emphasis placed on metal machining, welding, and foundry. Objectives: 1) to develop an in-depth knowledge of the metalworking industry; 2) to develop an understanding of the requirements of metalworking occupations; 3) to provide a background of skills and knowledge of metalworking processes.										

Course #:		WTECH1		Course Name:		Wood Technology I						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x			x	x	x
						Nine Weeks:						
Prerequisite[s]:		Technical Drawing I										
Special Information:		\$25.00 Class Fee										
Description:		Wood Technology I is an advanced course in woodworking. The students will explore the materials and processes employed in the construction of woodworking projects. Objectives: 1) develop an interest in a career in woodworking; 2) develop basic hand and machine skills; 3) develop good safety habits; 4) learn about design; 5) plan and build a project.										

Course #:		WTECH2		Course Name:		Wood Technology II						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x			x	x	x
						Nine Weeks:						
Prerequisite[s]:		Technical Drawing I & Wood Technology I										
Special Information:		\$25.00 Class Fee										
Description:		Wood Technology II is designed as a continuation of Wood Technology I. The course includes advanced cabinet-making, wood-machining, and carpentry. Objectives: 1) to develop greater skills in the use of hand and machine tools; 2) to develop an in-depth knowledge of the woodworking industry; 3) to enable the student to design, plan and construct advanced woodworking projects.										

MATH

“Rules” and Recommendations:

1. Everyone must take math during every year of high school.
2. If Algebra I has been taken at the 8th grade level, a student will have completed 5, or possibly 6, math classes during high school.
3. Most colleges recommend that students take math each year of high school as a math placement test is given by most colleges. Students who have not taken math during the senior year, oftentimes do not do as well on that test and may have to take remedial math at college. Remedial courses do not count toward a degree, must be passed before taking the “real” math courses, cost a lot of money, and are sometimes offered only in the summer.
4. For a student planning a career in the medical or engineering fields, math is highly recommended at each grade level throughout high school.
5. All incoming freshman will take either Algebra I or Geometry. This change allows for each student to meet the math objective of the Ohio Core initiative - all students will successfully complete math course work at the Algebra II level as a minimum.
6. There are several course sequences which could be followed, including but not limited to the following:

8	Algebra I	Algebra I	Algebra I				
9	Geometry	Geometry	Algebra I	Algebra I	Algebra I	Integrated Math I	Integrated Math I
10	Algebra II	Algebra II	Geometry	Geometry	Geometry	Integrated Math II	Algebra I
11	PreCalculus	PreCalculus	Algebra II	Algebra II	Algebra II	Integrated Math III	Integrated Math II
12	Calculus	Senior Math	PreCalculus	PreCalculus	Senior Math	Senior Math	Integrated Math III

7. Senior Math can only be taken with teacher and/or principal approval.
8. Your current math teacher is your best source of information about which course you should take.

Course #:		ALG1			Course Name:	Algebra I							
C R E D I T		1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:		x					
							Nine Weeks:						
Prerequisite[s]:													
Special Information:		Freshmen are required to take Integrated Math I, Algebra I or Geometry											
Description:		Algebra I will cover solving linear and quadratic equations, the study of systems of equations, graphing linear equations using slope, and operations involving polynomials. This course lays the foundation for higher mathematics.											

Course #:		MATH1		Course Name:	Integrated Math I							
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:			x			
						Nine Weeks:						
Prerequisite[s]:												
Special Information:		Freshmen are required to take Integrated Math I, Algebra I or Geometry										
Description:		This course is for those students who experienced difficulty in Algebra I and would benefit from a second year of Algebra before entering a Geometry course. Applications of algebraic concepts and problem-solving skills will be reviewed. Students will also be introduced to basic geometric principles.										

Course #:		GEOM		Course Name:	Geometry							
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:			x	x		
						Nine Weeks:						
Prerequisite[s]:		Successful completion of Algebra I or permission of teacher										
Special Information:		Freshmen are required to take Integrated Math I, Algebra I or Geometry										
Description:		Geometry teaches geometric concepts in two and three dimensions. The student will learn the relationships of lines, planes, and space with the definitions, postulates, and theorems related to these concepts. Logic and reasoning will be introduced through formal proof.										

Course #:		MATH2		Course Name:	Integrated Math II							
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:				x		
						Nine Weeks:						
Prerequisite[s]:		Successful completion of Integrated Math I or permission of teacher										
Special Information:												
Description:		Integrated Math II is a course that investigates geometric shapes such as lines, angles, rectangles, triangles and circles and their properties will be stressed. Emphasis will be placed on the application of these geometric concepts.										

Course #:		ALG2		Course Name:	Algebra II							
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:				x	x	x
					Nine Weeks:							
Prerequisite[s]:				Algebra I, Geometry, or permission of teacher								
Special Information:												
Description:				Algebra II offers students an introduction to advanced mathematics and is recommended for students planning on attending college. The first semester is spent on an in-depth review of algebraic concepts. Topics covered in the second semester include quadratic equations, working with linear systems, complex numbers, and relationships between equations and graphs. Logarithms and trigonometry are introduced.								

Course #:		MATH3		Course Name:	Integrated Math III							
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:					x	
					Nine Weeks:							
Prerequisite[s]:				Successful completion of Integrated Math I & II or permission of teacher								
Special Information:												
Description:				Integrated Math III is intended to provide a thorough review of Algebra and Geometry. An introduction to additional concepts such as quadratic equations, working with linear systems, complex numbers, and relationships between equations and graphs will be provided.								

Course #:		PRECAL		Course Name:	Pre-Calculus							
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:					x	x
					Nine Weeks:							
Prerequisite[s]:				A grade of C or higher in Algebra II and Geometry								
Special Information:												
Description:				Students taking Pre-Calculus will concentrate on 1) a review of Algebra; 2) Trigonometry with emphasis on the unit circle and circular functions; 3) the study of complex numbers, variation, sequences, and some statistics; 4) Pre-Calculus, with emphasis on functions study; and 5) a review of high school math.								

Course #:		CAL		Course Name:	Calculus							
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:						x
						Nine Weeks:						
Prerequisite[s]:		A grade of C or higher in Pre-Calculus										
Special Information:												
Description:		Students will intensively review the topics of algebra, trigonometry, and analytic geometry necessary for success in the problem solving aspect of calculus. The problems are based on interests in engineering, physics, business, and life science.										

Course #:		SRMATH		Course Name:	Senior Math							
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:						x
						Nine Weeks:						
Prerequisite[s]:		3 previous years of math including Algebra II or Integrated Math III										
Special Information:												
Description:		This course is for the senior student who has successfully completed 3 years of high school mathematics. It is intended to be an alternative for the senior student who would normally not take a math course his/her senior year. The course will reinforce and expand topics covered in Algebra I and II in preparation for a post-secondary education. Topics covered will include a review of intermediate Algebra including solving linear and quadratic equations and solving systems of equation by a variety of methods. Other topics covered will include exponential, logarithmic, and trigonometric function and the graphs of these functions, and an introduction to matrices. A review of the basic principles of geometry and probability will be incorporated as time allows. Admission to this class will be limited to seniors only and will require teacher and/or principal approval.										

MUSIC

Course #:		BAND		Course Name:	Instrumental Music/Band							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:			x	x	x	x
						Nine Weeks:						
Prerequisite[s]:		None										
Special Information:		Students will audition for chair placement in the spring of the previous school year. This will determine their seating as well as their placement in Concert or Symphonic Band.										
Description:		<p>The band is organized as a marching band during the summer and fall. The marching band performs shows at football games, fairs, and festivals, in addition to participating in parades and community events. During the winter and spring, the band is divided into two ensembles: Concert Band and Symphonic Band. These groups perform original and contemporary wind ensemble literature at several concerts throughout the school year.</p> <p>Additional groups that are formed within the band include:</p> <p>*Jazz Band: Rehearses and performs music of a jazz and rock style. Membership is by selection in the fall of the year. Students enrolled in the Jazz Class are strongly encouraged to participate in the Jazz Band.</p> <p>*Pep Band: Provides musical entertainment and spirit during home varsity basketball games.</p> <p>*Ensembles: These are trios, quartets, etc., that are formed during the concert season. Most small ensembles participate in the District Solo & Ensemble Contest.</p> <p>Students attending Apollo Career Center may participate in the band program. Students enrolled in this class, with the exception of those participating in varsity football, are expected to participate in both the Marching and the Concert/Symphonic Bands. Grades will be based on performance, attendance, participation, as well as written work beginning with Band Camp in July.</p>										

Course #:		JAZZ		Course Name:	Jazz Class							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:			x	x	x	x
						Nine Weeks:						
Prerequisite[s]:												
Special Information:		Instrumental ability recommended, but not required (Brass, Woodwind, Percussion, Piano, Guitar, Bass Guitar)										
Description:		This class will focus on all aspects of Jazz music. Students will comprehensively study Jazz history as well as Jazz theory. Students will be expected to perform jazz music either vocally or instrumentally, and may be invited to perform in the Spencerville Jazz Band. Comprehensive projects, reports, and class participation will comprise the class work.										

Course #:		CHOIR		Course Name:	Concert Choir							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:			x	x	x	x
						Nine Weeks:						
Prerequisite[s]:		None										
Special Information:		\$5 Class Fee										
Description:		The primary objective is to provide an opportunity for singing/performing and developing proper vocal and choral techniques. The repertoire will include various genres of music (i.e. classical, madrigals, gospel, show tunes and popular). Activities and performances will vary but may include any of the following: school concerts, community and county events, district and state contests. Written homework will be assigned periodically and every member will have an individual voice test each nine weeks. Additional groups that are formed from the concert choir include: Women's Choir, Men's Choir, Varsity Singers (an auditioned ensemble that meets weekly outside of regular school hours), Contest Ensembles – OMEA, Contest Soloists – OMEA, District 3 OMEA Honors Choir Members – by audition, OMEA State Honors Choir Members – by audition, All Ohio State Fair Choir – by audition.										

Course #:		THEORY		Course Name:	Music Theory							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:			x	x	x	x
						Nine Weeks:						
Prerequisite[s]:		Current enrollment in Instrumental Music or Concert Choir or previous instruction on piano or guitar.										
Special Information:		A minimum of 6 students are needed for this course to be offered.										
Description:		<p>Goals and Objectives:</p> <p>This course will cover five areas of musicianship:</p> <ol style="list-style-type: none"> 1. Fundamentals: Notes and note values; key signatures; scales -- major, minor, and modes; intervals; triads and chords; composing melodies; four-part harmonizations 2. Music History: A basic understanding of styles throughout history will be stressed and listening to music of all periods will be a key factor. 3. Aural Skills: Uniting ears with eyes. Students will understand pitch relationships and be able to identify specific notes from a given pitch. 4. Singing: Students will be able to reproduce correct pitches from written music. 5. Keyboard/Piano Skill: Students will be able to play the scales and intervals studied in class. Writing personal compositions will be encouraged. Each student will play a simple composition of their choice at the end of the year in an in-class recital. <p>Grading system: Grades will be based on a combination of the following areas-- tests and quizzes, daily assignments and preparation, and class discussion. A dual enrollment option is offered for this class through Urbana University. Students can earn three semester hours of college credit if they select this option.</p>										

PHYSICAL EDUCATION

Course #:		PE		Course Name:	Physical Education							
C R E D I T	1	.5	.25	Required:	x	Full Year:		G R A D E	09	10	11	12
			x	Elective:		Semester:	x		x	x	x	x
						Nine Weeks:						
Prerequisite[s]:		None										
Special Information:		Co-educational; Required for graduation; Not offered at Apollo Career Center										
Description:		Course objectives: to stress team activities through participation; to improve coordination, muscular strength, and knowledge of various activities and attitudes. Students will participate in movement activities, recreational games, physical fitness activities, team sports, and life time sports.										

Course #:		ALTPE		Course Name:	Alternative Physical Education							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
			x	Elective:		Semester:			x	x	x	x
						Nine Weeks:						
Prerequisite[s]:												
Special Information:		This PE credit will NOT count toward your GPA. This is a pass/fail grade. You may choose to take Physical Education course work as an elective credit even if you have completed Alternative PE. If you take PE as an elective, it will count toward your GPA.										
Description:		A student who successfully completes a sport/marching band season, from beginning to end, can earn 1/4 of physical education credit. Only one 1/4 credit will be issued during any given season. Whether or not to issue credit for participation will be determined by the principal and coach.										

SCIENCE

“Rules” and Recommendations:

1. Everyone has to take Biology.
2. Everyone has to take 3 sciences which include at least one life/biological science and one physical science. The third science can be from either category.

Life/Biological Sciences	Physical Sciences
Biology	Physical Science
Anatomy/Physiology	Chemistry
Agricultural Education	Physics

3. Students wishing to use Agricultural Education course work for science credit will need to reference the Vocational Agricultural course guides and confer with the guidance counselor to assure you are earning the appropriate science credits.

Note: It is recommended that if you take Agricultural Education class during your sophomore year that you ALSO take an additional science that year in order to be better prepared for the End of the Course Exam.

4. Most colleges recommend that students take 4 years of science in high school.
5. If you are planning a career in the medical field, Biology, Anatomy/Physiology, and Chemistry are highly recommended.
6. If you are planning a career in one of the engineering fields, Chemistry and Physics are highly recommended.
7. Some of the sciences have prerequisites:

Biology must be taken and successfully completed before taking Anatomy/Physiology.

Algebra II must be taken and successfully completed before taking Physics.

Course #:	ANAT			Course Name:	Anatomy and Physiology							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:				x	x	x
						Nine Weeks:						
Prerequisite[s]:		Biology										
Special Information:		Fulfills the life/biological science graduation requirement; \$18.00 Class Fee										
Description:		The class is concerned with the form and functions of our bodies. Anatomy is the study of the structure and interrelationships of the parts of the body by comparison with the dissection of the mink. Physiology is the study of the functions of the body. This course is meant to give the student a basic understanding of the interaction and interdependence of structure and function in humans.										

Course #:		BIO		Course Name:	Biology							
C R E D I T	1	.5	.25	Required:	X	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:			x			
						Nine Weeks:						
Prerequisite[s]:												
Special Information:		Fulfills the life/biological science graduation requirement; Required for all freshman students; \$10.00 Class Fee										
Description:		This is a study of living things from the plant and animal world. The course is designed to impart important biological concepts to the student. It helps him/her to apply these concepts to everyday living, and attempts to stimulate an interest in the natural world. Emphasis is placed on developing an appreciation of living things and their interactions. Part of the work is of a laboratory nature. The methods of science are employed.										

Course #:		CHEM		Course Name:	Chemistry							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:					x	x
							Nine Weeks:					
Prerequisite[s]:		A grade of C or higher in Algebra I										
Special Information:		Fulfills the physical science graduation requirement; \$10.00 Class Fee										
Description:		Chemistry is the study of matter and its properties. The course introduces the student to the basic principles of chemistry, such as, the law of conservation of matter and energy, atomic structure, chemical identification of matter, and the effects of different types of matter on us and our environment. Objectives: To develop the process skills of science: measuring, observing, running chemical tests to identify substances, designing chemical experiments and using math as a tool in science.										

Course #:		SCI1		Course Name:	Physical Science							
C R E D I T	1	.5	.25	Required:	X	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:				x		
							Nine Weeks:					
Prerequisite[s]:												
Special Information:		Fulfills the physical science graduation requirement. Required for all sophomore students; \$8.00 Class Fee										
Description:		Physical Science introduces students to key concepts and theories that provide a foundation for further study in Chemistry and Physics.										

Course #:		PHYSIC		Course Name:		Physics						
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:					x	x
						Nine Weeks:						
Prerequisite[s]:		A grade of C or higher in Algebra II is required										
Special Information:		Fulfills the physical science graduation requirement; \$5.00 Class Fee										
Description:		<p>Physics is the study of the relationship between matter and energy in our physical world. The course involves considerable lab work. The lab work will involve the use of the latest computer-based lab system technology that will allow the collection and recording of lab data by computer. The students will design and conduct some labs on their own with a minimal amount of help.</p> <p>Objectives: To develop the process skills of science, including measuring, observing, collecting data, using computers for data analysis, drawing conclusions, designing experiments, making conclusions, and using math in science. The topics include motion, heat, light, electricity and nuclear studies.</p>										

SOCIAL STUDIES

Course #:		AMGOV		Course Name:		American Government						
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:						x
						Nine Weeks:						
Prerequisite[s]:		None										
Special Information:		Required for all seniors.										
Description:		<p>This course will develop a more in-depth knowledge of federal government. Upon completion of this course, the student should be able to: 1) understand our governmental structure; 2) examine the legislative, executive and judicial branches; 3) acquire a working knowledge of the various units of local, state and national governments; 4) understand the constitution; 5) examine how economics affects our lives, our institutions, and our society; and 6) be exposed to the basic laws and principles of economics.</p>										

Course #:		AMHIS		Course Name:		American History (1876 - Present Day)						
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:				x	x	
						Nine Weeks:						
Prerequisite[s]:		None										
Special Information:												
Description:		This course is an analysis of events affecting the United States and its development from the Industrial Age through its emergence as a world power into contemporary times, examining the myriad challenges faced by the U.S. during this era.										

Course #:		G/RHIS		Course Name:		Ancient Civilizations/Greek & Roman History						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x			x	x	x
						Nine Weeks:						
Prerequisite[s]:		None										
Special Information:												
Description:		This course is an in-depth study of the emergence of humans and the development of civilizations, with a primary focus on the rise and decline of the Greek city-states and Roman Republic/Empire. The course examines, in detail, the cultures, beliefs and contributions of early civilizations. Students will gain an understanding of the foundations and underlying principles of western civilization, including language, social structure, religion, government, economics and law.										

Course #:		M/RHIS		Course Name:		History of the Middle Ages & Renaissance						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x			x	x	x
						Nine Weeks:						
Prerequisite[s]:		None										
Special Information:												
Description:		This course is an in-depth examination of the Middle Ages and Renaissance in Europe, beginning with the fall of Rome in 476 A.D. It includes detailed study of the rise of feudalism; the emergence of manorialism and complex economies; the rise of nations and national identities; the Renaissance and its multi-faceted effects upon Europe; and concludes with the Age of Exploration.										

Course #:	LOCHIS			Course Name:	Local History							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x			x	x	x
						Nine Weeks:						
Prerequisite[s]:		None										
Special Information:												
Description:		The basic purpose of this course is to provide students with a foundation of knowledge to enable them to gain an understanding of the development and growth of our local area. Students will also gain an appreciation through class activities and independent research of the contributions made by this area in general, as well as by individuals, towards the greatness of our community, state, and nation.										

Course #:	MODHIS			Course Name:	Modern History							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x				x	x
						Nine Weeks:						
Prerequisite[s]:		World History recommended										
Special Information:												
Description:		This course is a detailed examination of the world since World War II. The primary focus of the course centers on the development of the Cold War and policy, the Korean War, the Vietnam War, the fall of communism, and the War on Terror. The course involves study of major military actions, government policy and revision, economic issues, and the lasting effects of the last half of the 20th century on our world today.										

Course #:	SOC			Course Name:	Sociology							
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x				x	x
						Nine Weeks:						
Prerequisite[s]:												
Special Information:												
Description:		A study of the structure of societies and factors affecting and involving cultures of the world. Sociology emphasizes some of the problems that plague mankind in his role as a group member. Each student will be required to write a term paper concerning a social issue of our time. Objectives: 1) to gain an understanding of the problems humans face as group members 2) to gain an understanding and appreciation of cultural traits and patterns of other cultures										

Course #:		WLDCON		Course Name:		World in Conflict						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x				x	x
							Nine Weeks:					
Prerequisite[s]:		World History recommended										
Special Information:												
Description:		This course is a detailed examination of the World Wars, from a primarily U.S. perspective. The course opens with an introduction to military history, and progresses through an analysis of the underlying causes of the conflicts, the military strategies involved, the effects of the wars upon the countries/societies involved, and the impact and influence the wars had on our world today.										

Course #:		GEOG		Course Name:		World Geography						
C R E D I T	1	.5	.25	Required:		Full Year:		G R A D E	09	10	11	12
		x		Elective:	x	Semester:	x		x	x	x	x
							Nine Weeks:					
Prerequisite[s]:		None										
Special Information:												
Description:		A study of fundamental geographical concepts; the application of geographical concepts to daily life; the different regions of the world and the cultures found in those regions; and the significance of interdependence in world affairs.										

Course #:		WLDHIS		Course Name:		World History						
C R E D I T	1	.5	.25	Required:	x	Full Year:	x	G R A D E	09	10	11	12
	x			Elective:		Semester:			x			
							Nine Weeks:					
Prerequisite[s]:		None										
Special Information:												
Description:		World History is a survey of the history of civilization from the earliest times to the 20th century. Students will gain an understanding of the factors which contributed to the development and decline of civilizations; develop an appreciation for the contributions which these civilizations have made to mankind; and gain an understanding of the common factors shared by all civilizations along with the overriding themes of history.										

SPANISH

Course #:		SPAN1		Course Name:		Spanish I						
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:			x	x	x	x
						Nine Weeks:						
Prerequisite[s]:				None								
Special Information:				At least a C average in last English class recommended; Additional supplies will be needed for this class such a binder, dividers, a red pen and a notebook; \$17.00 Class Fee								
Description:				This course will teach the basics needed to speak, understand, read and write Spanish at the ACTFL Novice Low & Novice Mid proficiency Levels. We will follow the Ohio Foreign Language Association Model Curriculum. Upon completion of this course, students will be able to use the 5 modes of communication to discuss weather, time, school, family, clothing, food and friends.								

Course #:		SPAN2		Course Name:		Spanish II						
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:				x	x	x
						Nine Weeks:						
Prerequisite[s]:				Spanish I								
Special Information:				At least a C in Spanish I recommended; Additional supplies will be needed for this class such as a binder, dividers, a red pen and a notebook; \$17.00 Class Fee								
Description:				This course will develop a more in-depth knowledge of Spanish. Students will complete learning targets in the ACTFL Novice Mid and Novice High Proficiency Levels. Upon completion of this course, students should be able to use the 5 modes of communication to create written materials, interpret authentic resources, understand native speakers, and respond to basic questions.								

Course #:		SPAN3		Course Name:		Spanish III						
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12
	x			Elective:	x	Semester:					x	x
						Nine Weeks:						
Prerequisite[s]:				Spanish I and Spanish II								
Special Information:				At least a B in Spanish II is recommended; Additional supplies will be needed such as a binder, dividers, a red pen and a notebook; \$10.00 Class Fee								
Description:				This course will develop skills in understanding Spanish literature, culture, and the Spanish Language. Students will complete learning targets in the ACTFL Novice High and Intermediate Low Proficiency Levels. Upon completion of this course, students should be able to use the 5 modes of communication to create written materials, interpret authentic resources, understand native speakers, and provide extended responses to questions.								

Course #:		SPAN4		Course Name:		Spanish IV							
C R E D I T	1	.5	.25	Required:		Full Year:	x	G R A D E	09	10	11	12	
	x			Elective:	x	Semester:							x
							Nine Weeks:						
Prerequisite[s]:				Spanish I, II, III									
Special Information:				At least a B in Spanish III is recommended; Additional supplies will be needed such as a binder, dividers, a red pen and a notebook; \$10.00 Class Fee									
Description:				This course will develop skills in understanding Spanish literature, culture, and the Spanish Language. Students will complete learning targets in the ACTFL Intermediate Low and Intermediate Mid Proficiency Levels. Upon completion of this course, students should be able to use the 5 modes of communication to create written materials, interpret authentic resources, understand native speakers, and provide extended responses to questions.									

2018 – 2019 ANTICIPATED FEE INFORMATION

The Spencerville Board of Education makes every effort to hold down the cost of fees to parents. Some courses, however, are of the nature that fees need to be charged for either workbooks or lab costs. Please keep in mind the costs for 2018–2019 could change due to inflation, new courses, etc.

<u>AGRICULTURE</u>		<u>FOREIGN LANGUAGE</u>	
Agriculture (all courses except for Independent Study)	\$20.00/each	Spanish I & II	\$17.00
<u>ART</u>		Spanish III & IV	\$10.00
Art (all courses)	\$25.00/each		
<u>CHOIR</u>		<u>INDUSTRIAL TECHNOLOGY</u>	
Choir	\$5.00	Industrial Design I & II	\$20.00/each
<u>BUSINESS/COMPUTER</u>		Industrial Life Skills	\$20.00
Business Law I & II	\$5.00/each	Technical Drawing (all courses)	\$20.00/each
Consumer Economics	\$5.00	Construction Foundation I & II	\$20.00/each
General Business	\$5.00	Metals Technology I & II	\$25.00/each
International Business	\$5.00	Wood Technology I & II	\$25.00/each
<u>ENGLISH</u>		Architectural Drafting I & II	\$20.00/each
Advanced English I	\$4.00	CAD (all courses)	\$20.00/each
Advanced English II	\$25.00		
Advanced English III	\$14.00	<u>SCIENCE</u>	
Advanced English IV	\$13.00	Anatomy & Physiology	\$18.00
English I	\$12.00	Biology	\$10.00
English II	\$15.00	Chemistry	\$10.00
English III	\$7.00	Physical Science	\$8.00
English IV	\$13.00	Physics	\$5.00
<u>FAMILY CONSUMER & SCIENCE</u>			
Child Development I & II	\$5.00/each	<u>REQUIRED GENERAL FEES</u>	
Family Consumer Science I	\$25.00	Copy Fee	\$5.00
Nutrition & Wellness I	\$25.00	Earbuds	\$2.00
Nutrition & Wellness II	\$30.00	Lock/Locker Fee	\$2.00
		Student Handbook/Planner	\$3.00

