

# Floyd Central High School

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Fostering Excellence for a Lifetime



# Decisions Course Offerings

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Phone: 812-542-8504

Website: <https://fchs.nafcs.k12.in.us>

CEEB/ACT/SAT Code: 152503

# 2019 - 2020

National Blue Ribbon School of Excellence 1994-1996, 2001-2002  
Indiana Chamber of Commerce "Best Buy" School 1997-2007  
Grammy Signature School 1998-1999, 2001-2002  
Named Indiana Four-Star School Sixteen Times  
Nationally Recognized AP Test Scores  
Advanced Association Accredited  
International Baccalaureate School  
ASCA Model School

Revised 1/3/19 ss

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The Decisions Handbook is published annually to help students make educated decisions when choosing courses for the next school year. Read the information concerning your specific grade level to learn about requirements. Read the descriptions of the courses. Talk to your parents, teachers, and counselor. Select courses that you have interest in exploring.

## Class Offerings for Registration

Underlined classes are one semester

### ART

3075130 Intro to 2nd & 3rd Dimensional Art (9-12)  
 3075510 Ceramics I-II (10-12)  
 3075520 Ceramics III-IV (11-12)  
 3076710 Digital Design (10-12)  
 3076510 Drawing I-II (10-12)  
 3076520 Drawing III-IV (11-12)  
 3078880 Jewelry I - II (10-12)  
 3076540 Painting I-II (10-12)  
 3076550 Painting III-IV (11-12)  
 3078790 AP Studio Art Drawing (11-12)  
 3078795 AP Studio Art 3D Design (11-12)  
 3078790 AP Studio Art 2D Design (11-12)  
 3013505 Photojournalism & Digital Media (9-12)  
 3097510 IB Visual Arts SL (11-12)

### BUSINESS

3050730 Introduction to Business (9-12)  
3050835 Principles of Business Mgt. (10-12)  
 3051830 Accounting I (9-12)  
 3052555 Digital Applications & Responsibility (9-12)  
3052565 Personal Financial Responsibility (9-12)  
3050838 Principles of Marketing (10-12)  
 3050810 Business Law and Ethics (10-12)  
3036885/86/87/88/89 Web Design I, II, III, IV, V (9-12)  
3052546 Digital Citizenship (I CREW)

### CADET TEACHING & PREPARING FOR COLLEGE

3020137 Preparing for College and Careers  
 (Formerly Career Information)  
 3020811 Cadet Teaching I (2 periods)

### COMPUTER SCIENCE

3036540 Comp Science I (9-12)  
 3036890 Computer Science AP (11-12)

### FAMILY & CONSUMER SCIENCES

3073825 Interpersonal Relationships (10-12)  
3073725 Child Development  
3073425 Advanced Child Development  
 3070715 Nutrition and Wellness  
3070725 Advanced Nutrition and Wellness

### INTERNATIONAL BACCALAUREATE

3091040 IB Language A1 HL (11)  
 3091045 IB Language A1 HL 2YR(12)  
 3091050 IB Theory of Knowledge I  
 3091060 IB Humanities I  
 3091055 IB Theory of Knowledge II  
 3091065 IB Humanities II  
 3091522 IB French Level IV SL (12)  
 3091533 IB German IV (SL) (12)  
 3091544 IB Latin IV(SL) (12)  
 3091566 IB Spanish IV SL 2 credits (12)

### IB Continued

3093030 IB Psychology SL (11-12)  
 3093040 IB Psychology HL (11)  
 3093050 IB Psychology 2YR HL (12)  
 3092030 IB History of Americas HL (11)  
 3092035 IB History of Americas 2YR HL (12)  
 3093540 IB Mathematics SL (11-12)  
 3093530 IB Math Studies SL(11-12)  
 3093680 IB Computer  
 3098632 IB Sports, Exercise & Health Science SL (11-12)  
 3094270 IB Sports, Exercise & Health Science HL (11)  
 3094275 IB Sports, Exercise & Health Science HL (12)  
 3097510 IB Visual Arts SL (11-12)  
 3098260 IB Music SL (11-12)  
 3091250 IB Theater Arts SL (11-12)  
 3094270 IB Biology HL (11)  
 3094275 IB Biology 2 YR HL (12)  
 3094680 IB Environmental Science  
 3094276 IB Biology SL  
 3094480 IB Chemistry SL (11-12)

### LANGUAGE ARTS

3010130 English 9  
 3010150 English 9H  
 3010230 English 10  
 3010250 English 10H  
 3010330 English 11  
 3010350 English 11H  
 3010490 AP Composition 11/ IVT  
 3010430 English 12  
 3010470 English 12H  
 3010380 AP Literature 12 IVT  
 3091040 IB English HL year 1  
 3091045 IB English HL year 2  
3010790 Speech (1st semester only; 12th grade only; \$75 fee)  
 (College Course through IUS)

### JOURNALISM

3013500 Journalism I  
 3013510/20/30/40 Stpub (News) I-IV (9-12)  
 3013550 /60/70/80 Stpub Yrb I-IV (9-12)  
 3013505 Photojournalism & Digital Media (9-12)

### MATHEMATICS

3031150 Algebra I  
 3031550 Algebra II (11-12) Core Forty  
 3031560 Algebra II H (9-11)  
 3035493 Calculus I AB/AP (10-12)  
 3035495 Calculus I BC/AP (11-12)  
3034450 Finite Math (10-12)  
 3032150 Geometry 9H (9)  
 3032530 Geometry (10-12)  
 3033830 Pre-Calculus / IVT (10-12)

## Class Offerings for Registration

Underlined classes are one semester

### MATH CONTINUED

3093540 IB Math SL  
3093530 IB Math Studies SL(11-12)  
3034543 Prob/Stats (10-12)  
3034454 AP Statistics(10-12)

### MUSIC

3080110 Beginning Chorus I-II (Girls) (9-12)  
3080210 Beginning Chorus I-II (Boys) (9-12)  
3080510 Adv Chorus (A Cap) I-II (9-12)  
3080520 Adv Chorus (A Cap) III-IV (10-12)  
3080530 Adv Chorus (A Cap) V-VI (11-12)  
3080540 Adv Chorus (A Cap) VII-VIII(11-12)  
3080710 Intermediate Chorus I-II (G) (10-12)  
3080715 Intermediate Chorus I-II (B) (10-12)  
3080720 Intermediate Chorus III-IV (G) (11-12)  
3080225 Intermediate Chorus III-IV (B) (11-12)  
3080730 Intermediate Chorus V-VI (G) (12)  
3080735 Intermediate Chorus V-VI (B) (12)  
3080615/25 App Music:Handbells I - II (9-12)  
3080635/45 App Music:Handbells III - IV (10-12)  
3080655/65 App Music:Handbells V - VI (11-12)  
3080675/85 App Music:Handbell VII - VIII (12)  
3081210 Advanced Band (Chamb) I-II (9-12)  
3081220 Advanced Band (Chamb) III-IV (1012)  
3081230 Advanced Band (Chamb) V-VI (11/12)  
3081240 Advanced Band (Chamb) VI-VII (12)  
3081310 Intermediate Band (Sym) I-II (9-12)  
3081320 Intermediate Band (Sym) III-IV (1012)  
3081330 Intermediate Band (Sym) V-VI (11-12)  
3081340 Intermediate Band (Sym) VII-VIII (12)  
3081350 Jazz Ensemble I-II  
3081360 Jazz Ensemble III-IV  
3081370 Jazz Ensemble V-VI  
3081380 Jazz Ensemble VII-VIII  
3080410 Piano & Electronic Keybd (9-12)  
3082240/50/60/70 Camarata Str I-IV (9-12)  
3082230 Instrumental Ensemble: Baroque Strings I-II  
3082540/50/60/70 Advanced Orch I-IV (11-12)  
3082610 AP Music Theory I (11-12)

### NJROTC

3046510 Naval Science I-II  
3046520 Naval Science III-IV  
3046530 Naval Science V-VI  
3046540 Naval Science VII-VIII

### PE/HEALTH

3085125 Health (10-12)  
3086125 Phys Ed I (9)  
3086225 Phys Ed II (10)  
3086325 Elective PE I (9-12)  
3086425 Elective PE II (9-12)  
3086525 Elective PE III (10-12)  
3086625 Elective PE IV (10-12)  
3086725 Elective PE V (10-12)  
3086825 Elective PE VI (10-12)  
3086925 Elective PE VII (10-12)  
3098632 IB Sports, Exercise & Health Science SL (11-12)  
3094270 IB Sports, Exercise & Health Science HL (11)  
3094275 IB Sports, Exercise & Health Science HL (12)

### PROJECT LEAD THE WAY

3060530 Intro of Engineering Design IVT (9-12)  
3060532 Digital Electronics IVT  
3060531 Principles of Engineering IVT (11-12)  
3060533 Civil Engineering IVT  
3060534 Engineering Design & Dev IVT (12)

### RADIO/TV

3014710 Radio/TV I (10-11)  
3014720 Radio/TV II (11-12)  
3014730 Radio/TV III DC (11-12)  
3014740 Radio/TV IV (12)

### SCIENCE

3040876 Meteorology (11-12) IVT  
3040877 Astronomy (11-12) / IVT  
3042231 Biology I  
3042240 Biology I H (9-12)  
3042790 Bio AP DC (11-12)  
3094270 IB Bio year 1  
3094275 IB Bio year 2  
3044860 Adv.Science: Organic Chem (10-12)  
3042860 Adv. Science: Human Anatomy (10-12)  
3043530 Earth / Space (10-12)  
3043540 Earth / Space II (10-12) / IVT  
3044740 Chemistry I (10-12)  
3044890 Chemistry AP (11-12)  
3094480 IB Chemistry  
3044860 Chemistry II Organic  
3041540 Integrated Chemistry-Physics (ICP)  
3045890 AP Physics (11-12)  
3045895 AP Physics II  
3098632 Sports, Exercise and Health Science IB SL  
3042840 Zoology

### SOCIAL STUDIES

3020330 US History (11)  
3020331 AP US History DC (11)  
3020415 Government (12)  
3020416 AP Gov't (12) / IVT  
3020445 Economics (12)  
3020490 AP Macroeconomics (12)  
3020489 AP Microeconomics (12)  
3020455 Psychology (11-12)  
3020456 AP Psychology (11-12)  
3093030 IB Psychology SL (11-12)  
3093040 IB Psychology HL (11)  
3093050 IB Psychology HL (12)  
3020465 Sociology (11-12)  
3020570 W.History/Civil. (9-12)  
3020870 AP World History  
3020335 Topics in History: WWII (10-12)  
3020336 Topics in History: Post WWII (10-12)  
3020670 World Geography (9-12)  
3092035 Twentieth Century History (11-12) (year 2 of IB)  
3092030 History of the Americas IB year I  
3020671 Indiana Studies  
3020672 Ethnic Studies

## Class Offerings for Registration

Underlined classes are one semester

### Study Hall/ CS Leaders/Peer Tutor/Cadet Teaching

3020822 Community Service Leaders  
3020811 Education Professions (11-12/IVT) (2 periods)  
3020820 Peer Tutor (10 - 12)  
3020821 Peer Tutor (10 - 12)  
30100001 Study Hall (1st Sem)  
30100002 Study Hall (2nd Sem)

### TECHNOLOGY EDUCATION

3060515 Technical Drawing: Design Processes I (9-12)  
3061538 Introduction to Construction 1st.Sem.  
3061539 Introduction to Construction 2nd.Sem.  
3060555 Introduction to Manufacturing (9-12)  
3061555 Introduction to Communication (9-12)  
3065080 Advanced Manufacturing & Logistics DC  
3061596 Technology Systems  
3052555 Digital Applications & Responsibility I (9-12)  
3036885/86/87/88/89 Web Design I, II, III, IV, V (9-12)  
3061595 Coding

### THEATRE

3012510 Theatre Arts  
3012950 Adv. Theatre I-II  
3012530 Adv. Acting I-II  
3012535 Adv. Acting III-IV  
3012725 Music Theatre (11-12)  
3012726 Dance Performance (11-12)  
3012727 Dance History (12)  
3012728 Dance Choreography (12)  
3012755 Directing (12)  
3012756 Careers in Educational Theatre  
3012910 Intro Technical Theatre (9-12)  
3012920 Ad. Tech Theatre I&II (10-12)  
3012940 Ad. Tech Theatre III&IV (10-12)  
3012930 Theatre Prod: Tech I-II (11-12)  
3012931 Stage Management (12)  
3012932 Theatre Management (12)  
3091250 Theater Arts IB

### WORLD LANGUAGES

3015521 French I (9-12)  
3015522 French II (10-12)  
3015523 French III (11-12)  
3015524 French IV (12)  
3091522 IB French SL  
3015531 German I (9-12)  
3015532 German II (10-12)  
3015533 German III (11-12)  
3015534 German IV (12)  
3091533 IB German SL  
3015541 Latin I (9-12)  
3015542 Latin II (10-12)  
3015543 Latin III (11-12)  
3015544 Latin IV (12)  
3091544 IB Latin SL  
3015561 Spanish I (9-12)  
3015562 Spanish II (10-12)  
3015563 Spanish III (11-12) / IVT  
3015566 Spanish III H DC  
3015564 Spanish IV (12) / IVT  
3091566 IB Spanish SL

### PROSSER COURSES

ARCH DRAFTING DESIGN I	90650101
ARCH DRAFTING DESIGN II	90650301
AUTO COLLISON I AM	90651101
AUTO COLLISON II PM	90651305
AUTO SERVICE TECH I AM	90694500
AUTO SERVICE TECH II PM	90695101
AVIATION FLIGHT II AM	90680301
AVIATION OPERATION	90680101
COMPUTER SCI II PROGRAMMING	90655101
COMPUTER SCI II INFORMATICS	90655302
COMP PROGRAM II PM	90655702
COMPUTER TECH SUPPORT I	90657101
CONST. TRADES I AM	90653101
CONST. TRADES II PM	90653302
CONST. TRADES ELECTRICAL I AM	90676501
CONST. TRADES ELECTRICAL II PM	90676702
CONST. TRADES HEAVY EQUIP I	90683101
CONST. TRADES HEAVY EQUIP II	90683302
CONST. TRADES HVAC I AM	90672102
CONST. TRADES HVAC II PM	90672302
COSMETOLOGY I AM	90670102
COSMETOLOGY II PM	90670302
CRIM JUSTICE I AM	90699901
CRIM JUSTICE II PM	90699921
CULINARY ARTS & HOSP. I AM	90660101
CULINARY ARTS & HOSP. II PM	90660501
DENTAL CAREERS I	90668105
DENTAL CAREERS II	90668109
DIESEL SERVICE TECH I AM	90677701
DIESEL SERVICE TECH II PM	90677902
ENTREPRENEURSHIP & NEW VENT.	90640101
FINANCIAL SERVICES	90640102
FIRE RESCUE I AM	90700101
FIRE RESCUE II EMT PM	90700302
HLTH SCI EDU I AM	90668101
HLTH SCI EDU II NURSING PM	90668302
HLTH SCI EDUC II PHARMACY	90668103
HORTICULT SCIENCE AM	90659101
INFRASTRUCTURE TO INTERNET	90657302
INTERACTIVE MEDIA AM	90665401
INTERACTIVE MEDIA PM	90665403
LANDSCAPE MGMT PM	90659302
PRECIS MACH I AM	90665101
PRECIS MACH II PM	90665302
STRATEGIC MARKETING	90640104
WELDING TECH I AM	90667104
WELDING TECH II PM	90667305





# EARLY COLLEGE ENROLLMENT

Students may enroll for post-secondary classes that may also count for high school credit. Floyd Central requires that all students enroll in classes sufficient enough to meet the traditional six period enrollment standard. This opportunity is for seniors only.

Students who wish to participate in any IHSAA sanctioned program must attend classes at FC for four class periods and take at least one college course. Any further questions should be directed to a counselor or administrator. The school requires that enrollment be verified through a receipt or official enrollment schedule. All applications must have prior approval before students may alter their schedules.

Students may be excused 2 periods for each three credit hour course taken. Some travel time is permitted in considering a schedule. Students are expected to return to school for regular hours if travel permits. Alternate day class schedules may result in returning to Floyd Central for the entire day.

To be approved for post-secondary enrollment:

- School Board Policy requires a 3.5 GPA to attend classes off campus.
- Turn completed form into Dr. Willman for approval.
- After approved, apply to IUS (as a high school student) or Ivy Tech.
- Once you're accepted, choose classes to take at the collegiate level.
- Recommend: Public Speaking, Composition, Science lab (5 hour class), Psychology.

You may choose others.

- Before this is approved, the student will need to produce the following:
- Copy of acceptance letter
- Verification of enrollment in course(s)
- Parent letter stating agreement of an abbreviated schedule and letting student leave campus.
- Once approved by Dr. Willman, see your counselor for an abbreviated schedule change.
- If you are taking college courses, both semesters of senior year, you must show enrollment of college course(s) second semester as well.
- The deadline to apply is November 1st prior to the 2nd semester and August 1st of the first semester.

## Early Graduation

For students wishing to graduate early, please complete the following:

- Obtain an application from the principal.
- Turn application into the principal.
- The principal will then refer the student to his or her counselor to set up a plan of action.

Other notes:

- Students may opt to graduate a full year or a semester early.
- Online classes cannot be taken through FCHS (PLATO) to graduate early unless there are extenuating circumstances.
- Students wishing to graduate early should at least be on track to earn a Core 40 diploma.
- The deadline to apply is August 1st for a semester early and April 1st for a full year.

# Indiana Graduation Requirements



Course and Credit Requirements	
<u>English</u>	8 credits
	Including a balance of literature, Composition and speech.
<u>Math</u>	6 credits (in grades 9-12)
	2 credits: Algebra I 2 credits: Geometry 2 credits: Algebra II Students must take a math course or quantitative reasoning course each year in high school
<u>Science</u>	6 credits
	2 credits: Biology I 2 credits: Chemistry I or Physics I or Integrated Chemistry-Physics 2 credits: any Core 40 science course
<u>Social Studies</u>	6 credits
	2 credits: U.S. History 1 credit: U.S. Government 1 credit: Economics 2 credits: World History or Geography
<u>Directed Electives</u>	5 credits
	World Languages Fine Arts Career and Technical Education
<u>Physical Education</u>	2 credits
<u>Health &amp; Wellness</u>	1 credits
<u>Electives*</u>	6 credits (College and Career Pathway courses recommended)

### For the Core 40 with Academic Honors diploma Students Must:

- \*Complete all requirements for Core 40.
- \*Earn a minimum of 47 credits
- \*Earn 2 additional Core 40 math credits.
- \*Earn 6-8 Core 40 world language credits (6 credits in 1 language or 4 credits in 2 languages)
- \*Earn 2 Core 40 fine arts credits.
- \*Earn a grade of a "C" or better in courses that will count toward the diploma.
- \*Have a grade point average of a "B" or better.

\*Complete one of the following:

- A. Earn 4 credits in 2 or more AP courses & take AP exams
- B. Earn 6 transcribed college credits in dual credit courses
- C. Earn two of the following:
  1. A minimum of 3 transcribed college credits
  2. 2 credits in AP courses and take AP exams,
  3. 2 credits in IB standard level and take IB exams.
- D. Earn a composite score of 1250 or higher on the SAT & a minimum of 560 on math and 590 reading & writing.
- E. Earn an ACT composite score of 26 plus writing.
- F. Earn 4 credits in IB courses and take IB exams.

### For the Core 40 with Technical Honors diploma, Students Must:

- \*Complete all requirements for Core 40.
- \*Earn a minimum of 47 credits.
- \*Earn 6 credits in the college & career preparation courses in a state-approved College & Career Pathway & one of the following:
  - 1.Pathway designated industry-based certification or
  - 2.Pathway dual credits from the approved dual credit list resulting in 6 transcribed college credits.
- \*Earn a grade of "C" or better in courses that will count toward the diploma.
- \*Have a grade point average of a "B" or better.

\*Complete one of the following...

- A. Any options (A-F) of the Academic Honors Diploma.
- B. Earn the following scores or higher on WorKeys:Reading Level 6, Applied Math Level 6, & Locating Information Level 5.
- C. Earn the following scores on Accuplacer:Writing 80, Reading 90, Math 75.
- D. Earn the following minimum scores on Compass: Algebra 66, Writing 70, Reading 80.

## Floyd Central High School TGEC Transfer Certification Course Offerings

1. A student wanting to earn a Transfer General Education Core Certificate must take a minimum of 3 hours in each of the following areas of studies.

\*Speaking and Listening \*Written Communication \* Humanistic and Artistic Ways of Knowing

\*Quantitative Reasoning \*Scientific ways of Knowledge \* Social and Behavioral Ways of Knowing

2. The remaining credit hours can be earned from any Dual Credit class on the list below.

3. This certificate will allow students to transfer

ALL 30 HOURS TO ANY INDIANA PUBLIC COLLEGE OR UNIVERSITY.

4. All 30 hours must be complete for the transfer to occur.

Speaking and Listening	FCHS Course	Ivy Tech Course	Minimum Hours
	Speech	Fundamentals of Public Speaking	3 hours
Written Communication	FCHS course	Ivy Tech Course	Minimum Hours
	AP English Comp	English 111 English Composition	3 hours
Humanistic and Artistic Ways of Knowing	FCHS Course	Ivy Tech Course	Minimum Hours
	AP English Lit	English 206	3 hours
	French III (1st sem)	French 101	3 hour
	French III ( 2nd sem)	French 102	3 hour
	French IV (1st sem)	French 201	3 hour
	French IV (2nd sem)	French 202	3 hour
	Spanish III (1st sem)	Spanish 101	3 hour
	Spanish III (2nd sem)	Spanish 102	3 hour
	Spanish IV (1st sem)	Spanish 201	3 hour
	Spanish IV (2nd sem)	Spanish 202	3 hour
Quantitative Reasoning	FCHS Course	Ivy Tech Course	Minimum Hours
	Finite Math	Math 135 Finite Math	3 hour
	Pre Calculus	Math 136 College Algebra	3 hour
	Pre Calculus / Trig	Math 137 Trigonometry	3 hour
	Calculus AP – AB	Math 211 Calculus	4 hour
Scientific ways of Knowledge	FCHS Course	Ivy Tech Course	Minimum Hours
	Astronomy	Astr 101 Solar System	3 hour
	Biology AP	Biol 105 Biology I	5 hour
	Earth Space II	Scin 100 Physical Science	4 hour
	Meteorology	Scin 111 Physical Science	3 hours
Social and Behavioral Ways of knowing	FCHS Course	Ivy Tech Course	Minimum Hours
	AP US History (1st sem)	Hist 101 Survey of America	3 hour
	AP US History (2st sem)	Hist 101 Survey of America II	3 hour
	AP US Government	Pol 101 Intro to American Gov	3 hour

## Floyd Central's Dual Credit Program

### Ivy Tech Dual Credit

FCHS has entered a dual credit agreement with Ivy Tech State College that provides the opportunity for students to earn college credit for advanced courses taught by highly qualified high school teachers affiliated with Ivy Tech State College. There is no cost to the student. Students who earn a "C" or higher will receive college credit at Ivy Tech State College. Listed are the courses in which FCHS has an agreement with Ivy Tech: Students will need an ACT, SAT, PSAT or an Accuplacer test score and an application on file. Students will have to go to Ivy Tech to get transcript sent to their college.

Floyd Central Class	Ivy Tech Dual Credit Class	Hours
AP Government	POLS 101 Intro to American Govt & Politics	3 Hours
Astronomy	ASTR 101 Solar System Astronomy	3 Hours
Biology AP	BIOL 105 College Biology I	5 Hours
Calculus AP	MATH 211 Calculus I	4 Hours
Civil Engineering & Architecture	PLTW DESN 105 Architectural Design	3 Hours
Digital Applications	CINS COMPUTER INFO SYSTEMS	3 Hours
Digital Electronics	PLTW EECT 112 Electronics & Electronics for Manufacturing	3 Hours
Earth Science II	SCIN 100 Earth Science	3 Hours
Educational Professions	EDUC 101 Intro to Teaching	3 Hours
English Language & Comp AP	ENGL 111 English Composition	6 hours
English Lit & Comp AP	ENGL 206 English Composition	3 Hours
Environmental Science AP	BIOL 120 Environmental Science	3 Hours
Finite Math	MATH 135 Finite Math	3 Hours
French III sem 1	FREN 101 French Level I	3 Hours
French III sem 2	FREN 102 French Level II	3 Hours
French IV sem 1	FREN 201 French Level III	3 Hours
French IV sem 2	FREN 202 French Level IV	3 Hours
Info Comm/Tech	CINS 101 Intro to Microcomputers	3 Hours
Intro to Engineering Design	PLTW DESN 101 Intro to Design Technology	3 Hours
Meteorology	SCIN 111 Physical Science	3 Hours
Physics I	PHYS 101 Physics I	4 Hours
Physics II	PHYS 102 Physics II	4 Hours
PreCalculus sem 1	MATH 136 College Algebra	3 Hours
PreCalculus sem 2	MATH 137 Trigonometry & Analytical Geometry	3 Hours
Principles of Engineering	PLTW DESN 104 Materials & Processes for Manufacturing	3 Hours
Radio and Television I	VISC 105 Video and Sound	3 Hours
Spanish III sem 1	SPAN 101 Spanish Level I	3 Hours
Spanish III sem 2	SPAN 102 Spanish Level II	3 Hours
Spanish IV sem 1	SPAN 201 Spanish Level III	3 Hours
Spanish IV sem 2	SPAN 202 Spanish Level IV	3 Hours
US History AP sem 1	HIST 101 Survey of American History I	3 Hours
US History AP sem 2	HIST 102 Survey of American History II	3 Hours
	VISC 110 Web Design II	3 Hours

## The Eleven Career Pathways

### Career Path: 1A Business Mgt & Entrepreneurship

This career path is designed for students interested in pursuing a career in business administration. Students will have sufficient knowledge and skills for admission to a post high school program.

Pathway Courses	Credits	Pathway Courses	Credits
Intro to Business	2	Business mgt	1
Accounting I	2	Personal Finance	1
Business Law I/II	2	Preparing for College	1
Continue Education at Prosser: Entrepreneur or Strategic Marketing			
A student must earn a "C" in six of the above credits to complete this pathway			

### Career Path: 2B Engineering

Project Lead The Way (PLTW) offers a dynamic high school program that provides students with real-world learning and hands-on experience. Students interested in engineering, biomechanics, aeronautics, and other applied math and science arenas will discover PLTW is an exciting portal into these industries.

Pathway Core Courses	Credits	Pathway Core Courses	Credits
Intro to Engineering	2	Preparing for College	1
Principles of Engineering	2	Design Processes	1
Digital Electronics	2	Computers in Design	1
Civil Engineering/Arch	2	CapStone Course	2
Continue Education at Prosser: Architecture Drafting or Construction Trades or Industrial Manufacturing			

### Career Path: 1B Accounting and Finance

This career path is designed for students interested in pursuing a career in business administration. Students will have sufficient knowledge and skills for admission to a post high school program.

Pathway Courses	Credits	Pathway Courses	Credits
Intro to Business	2	Financial Response	2
Accounting I	2	Advanced Accounting	2
Business Law I/II	2	Preparing for College	1
Personal Finance	1		
Continue Education at Prosser: Entrepreneur or Strategic Marketing			
A student must earn a "C" in six of the above credits to complete this pathway			

### Career Path: 3A Computer Science & Networking

The computer science career path is designed to initiate students into the study of computer science and technology.

Pathway Courses	Credits	Pathway Courses	Credits
Preparing for College	1	Intro to Computer Sci	2
Computer Science	2	Computer Science II	2
Intro to Coding	1	Digital Electronics	2
Continue Education at Prosser: Computer Programming or Networking			

A student must earn a "C" in six of the above credits to complete this pathway

### Career Path: 2A Architecture & Construction

this career path is designed for students who are interested in using the principles and theories of science, engineering and mathematics to solve problems in research and development, manufacturing, and construction. Emphasis will be placed on hands-on experiences.

Pathway Courses	Credits	Pathway Courses	Credits
Design Processes I	1	Preparing for College	1
Computers in Design	1	Construction Sys	1
Man. Systems	1	Construction Processes	1
Man. Process I	1	Intro to Engineering	1
Principles of Engineering	1		
Continue Education at Prosser: Architectural Drafting or Construction Trades or Heavy Equipment Op or HVAC			

### Career Path: 4B Human and Social Services

This career path is designed for students interested in providing direct services that will meet people's needs, welfare, and personal safety in community residential or institutional settings.

Pathway Courses	Credits	Pathway Courses	Credits
Adv. Child Dev.	1	Preparing for College	1
Child Development	1	Nut & Wellness	1
Adult Roles and Res	1	Relationships	1
Continue Education at Prosser: Health Science or Dental Careers or Criminal Justice			

A student must earn a "C" in six of the above credits to complete this pathway

## The Eleven Career Pathways

### Career Path: 5A Advanced Manufacturing

Manufacturing and construction technology is designed for students who are interested in manufacturing and construction Industries and their technically related careers.

Pathway Courses	Credits	Pathway Courses	Credits
Preparing for College	1	Man. Systems	1
Man. Process I	1	Man Proc II	1
Intro to Adv. ManI	2	Intro to Engineering	1
Design Processes I	1	Principles of Eng	1
Continue Education at Prosser: Construction Technology or Industrial Manufacturing or Precision Machining or Welding			

A student must earn a "C" in six of the above credits to complete this pathway

### Career Path: 8A Agriculture: Horticulture & Landscape Management

This career path is designed for students interested in pursuing a career in horticulture science or landscape management. The focus of this career path will include business management and agriculture courses as well as, extensive laboratory activities to prepare students for agriculture and agribusiness related careers (i.e. Arboriculture, Irrigation engineering, Nursery and Greenhouse production, Landscape architect).

Pathway Course	Credits	Pathway Course	Credits
Preparing for College	1	Intro to Business	2
Intro to Accounting	2	Business Law I/II	2
Prosser Courses			
Horticulture Science	6	Landscape mgt	6

### Career Path: 6A Radio / TV

This career path is designed for students who are interested in the field of Radio / TV. Students will study all aspects of broadcasting on the Radio and TV.

Pathway Course	Credits	Pathway Courses	Credits
Preparing for College	1	Radio / TV I	2
Radio / TV II	2	Radio / TV III	2
Radio / TV IV	2		

A student must earn a "C" in six of the above credits to complete this pathway

### Career Path: 9A Hospitality Management

This career path is designed for the student interested in exploring or preparing for a career related to hospitality management. Possible careers would be chef, hotel management, resort management and restaurant management..

Pathway Courses	Credits	Pathway Courses	Credits
Preparing for College	1	Nutrition Wellnness	1
Intro to Business	2	Adv. Nutrition	1
Intro to Culinary Arts	1	Interpersonal Rel	1

Continue Education at Prosser: Culinary Ars

A student must earn a "C" in six of the above credits to complete this pathway

### Career Path: 7A Education Careers

This career path is designed for the student interested in exploring or preparing for a career related to education. Some careers, such as those in administration, require extensive post-high school education, while others do not.

Pathway Courses	Credits	Pathway Courses	Credits
Preparing for College	1	Child Development	1
Adv. Child Dev.	1	Interpersonal Rel	1
Education Prof I	2	Education Prof II	2

A student must earn a "C" in six of the above credits to complete this pathway



## Business Education

**Accounting I** (3051830)  
2 credits Grades 9-12  
First-year accounting is designed to give students a thorough background in the basic accounting procedures used to operate a business. The accounting procedures presented will also serve as a sound background for employment in office jobs and preparation for studying business courses in college.

**Introduction to Business** (3050730)  
1 credit Grades 9-12  
The introductory business course that provides the framework for future business courses. This core course acquaints students with the world of business marketing, and entrepreneurship including the concepts, functions, and skills required for meeting business challenges in the 21st century.

**Principles of Business Management** (3050835)  
1 credit Grades 10-12  
Business Management is a course designed to provide students with the skills needed to effectively organize, develop, create, and manage their own businesses. Emphasis is placed upon the functions of marketing-information management, product/service planning, financing, risk management, promotion, and selling.

**Business Law and Ethics** (3050810)  
2 credits Grades 10-12  
Business Law and Ethics provides an overview of the legal system in the business setting. Topics covered include: basics of the judicial system, civil & criminal law, juvenile law, cyber-law, personal law, contracts, & family law

**Digital Citizenship (ICREW)** (3052546)  
2 credit Grades 10-12  
This course allows students to use their problem solving skills to explore how iPads work. Students will maintain a "Help Desk" during the class period in which they will provide technical support for students who are having problems with their iPads.

**Digital Application & Responsibility** (3052555)  
1 credit MOS Certification One Semester Grades 9-12  
**Digital Application & Responsibility** (3052556)  
2 credits Dual Credit

Stand out from other college or job applicants by having a Microsoft certification. Earn dual credit and become certified as a specialist, expert, or master in Microsoft Office programs. This class will help you acquire technical skills that will increase your employability and your ability to collaborate, communicate, innovate, and problem solve. Students will build a technology toolkit that will help them in their future endeavors. Students have the option of only taking 1 semester of this course but must take both semesters to earn the dual credit.

**Principles of Marketing** (3050838)  
1 credit Grades 9-12  
Marketing is a course that provides a basic introduction of marketing in the global economy. Emphasis is placed on oral and written communications, mathematical applications, problem solving, and critical thinking skills.

**Personal Financial Responsibility** (3052565)  
1 credit Grades 9-12  
Personal Finance is a course that focuses on personal finance planning. Students will learn the financial concepts and principles that provide a basis for avoiding financial pitfalls.  
Required for graduates class of 2020 and beyond.

**Web Design I - V** (3036885/86/87/88/89)  
1 credit Grades 9-12  
Are you interested in taking a computer class that requires little or no computer experience? Web Design is a course that provides instruction in the principles of web design using HTML & CSS.

## Cadet Teaching

**Cadet Teaching I Weighted/Dual Class** (3020811)  
2 periods 2 credits Grades 11-12  
For juniors and seniors interested in tutoring elementary students and exploring education as a career field. Admission by application. Students must have a 2.7+ GPA to apply.

## College and Careers

**Preparing for College and Careers** 3020137  
1 credit Grade 9  
Preparing for College and Careers addresses the knowledge, skills, and behaviors all students need to be prepared for success in college, career, and life. The focus of the course is the impact of today's choices on tomorrow's possibilities. Topics to be addressed include twenty-first century life and career skills; higher order thinking, communication, leadership, and management processes; exploration of personal aptitudes, interests, values, and goals; examining multiple life roles and responsibilities as individuals and family members; planning and building employability skills; transferring school skills to life and work, and managing personal resources. This course includes reviewing the 16 national career clusters and Indiana's College and Career Pathways, in-depth investigation of one or more pathways, reviewing graduation plans, developing career plans, and developing personal and career portfolios.

## International Baccalaureate

**English A: Literature IB** Weighted/Dual Credit  
2 credits (First Year-Grade 11) (3091040)  
2 credits (Second Year-Grade 12) (3091045)

**English A: Literature HL (Summer Reading Required)**  
Level, International Baccalaureate is a pre-university literature course in the student's native or best language and is based on the curriculum published by the International Baccalaureate Organization.

**World Language IB** 2 Credits Weighted  
**Spanish SL (3091566) French SL (3091522) German SL (3091533)**  
World Language B Standard Level, International Baccalaureate is a world language course for students with two to five years previous experience in learning the target language and prepares students to be successful on the International Baccalaureate exam for the target language.

**Latin IB SL 2 credits** Weighted (3091544)  
Classical Language Standard Level, International Baccalaureate is a language course for the study of Latin or Classical Greek and introduces students to the language, literature, and culture of Greece or Rome.

**History of Americas/20th Century History IB HL** Weighted  
2 credits (First Year-Grade 11) (3092030)  
History Higher Level, International Baccalaureate promotes the understanding of the nature and diversity of history and its methods and interpretations. Students develop an international awareness and understanding and the ability to use and communicate historical knowledge.

**Twentieth Century History IB (2nd Year)** (3092035)  
2 credits Grade 11-12  
This International Baccalaureate level course focuses on twentieth century history by examining Causes, Practices, and Effects of wars.

**Psychology IB SL** Weighted  
2 credits (3093030)  
Psychology Standard Level International Baccalaureate course aims to develop an awareness of how research findings can be applied to better understand human behavior and how ethical practice are upheld in psychological inquiry. Students learn to understand the biological, cognitive and sociocultural influences on human behavior and explore alternative explanations of behavior. They also understand and use diverse methods of psychological inquiry. This one-year course is a group 3 class.

**Psychology IB HL** Weighted  
2 credits (First Year-Grade 11) (3093040)  
2 credits (Second Year-Grade 12) (3093050)  
Students in Psychology Higher Level, International Baccalaureate study the biological, cognitive, learning, and humanistic perspectives of psychology.

**Biology IB SL** Weighted  
2 credits (3094276)  
Biology Standard Level International Baccalaureate is focuses on six core topics: cells, the chemistry of life, genetics, ecology, evolution, and human health and physiology. It is based on the curriculum published by the International Baccalaureate Organization. Optional course topics include neurobiology and behavior, applied plant and animal science, ecology and conservation, diet and human nutrition, physiology of exercise, and cell respiration and photosynthesis. This one year course is a group 4 class.

**Biology IB HL** Dual Credit/Weighted  
2 credits (First Year-Grade 11) (3094270)  
2 credits (Second Year-Grade 12) (3094275)  
Biology Higher Level, International Baccalaureate is a 2 year biology course. This course is as a two year course to cover the standards of the IB HL Course.

**Chemistry IB SL** (3094480)  
2 credits Weighted  
Chemistry Standard Level, International Baccalaureate is designed to introduce students to the theories and practical techniques involved in the composition, characterization, and transformation of substances.

**Environmental Systems and Societies IB SL** (3094680)  
2 credits Weighted/Dual Credit  
Environmental Systems Standard Level, International Baccalaureate provides students with a coherent perspective on the environment that is essentially scientific.

**Sports, Exercise and Health Science IB SL** (3098632)  
2 Credits Weighted  
Sports, Exercise and Health Science Standard Level, International Baccalaureate involves the science that underpins physical performance and allows students opportunities to apply these principles.

**IS Sports, Exercise, and Health Science IB HL** Weighted  
2 credits (First Year-Grade 11) (309635)  
2 credits (Second Year-Grade 12) (309636)  
The HL course is like the SL course with additions. While the skills and activities of group 4 science subjects are common to students at both SL and HL, students at HL are required to study additional higher level (AHL) material as well as HL topics within the options. The distinction between SL and HL is one of breadth and depth. This two-year course is a group 4 class.

## International Baccalaureate

Mathematics IB SL (3093540)  
2 credits Grade (11-12) Weighted  
Mathematics Standard Level, International Baccalaureate includes seven core topics: algebra, functions and equations, circular functions and trigonometry, matrices, vectors, statistics and probability, and calculus.

Math Studies IB SL (3093530)  
2 credits Grade (11-12) Weighted  
Seven core topics are covered: Numbers and Algebra; Descriptive Statistics; Logic, Sets, and Probability; Statistical Applications; Geometry and Trigonometry; Mathematical Models; and Introduction to Differential Calculus.

Computer Science IB SL (3093680)  
2 credits Weighted  
Computer Science Standard Level, International Baccalaureate guides students through problem solving strategies and definitions to the construction of algorithms to create solutions, thereby developing skills of logic and analytical thinking.

Theatre Arts SL or HL (3091250)  
2 or 4 credits Weighted  
Theatre Arts Standard Level, International Baccalaureate aims to help students understand the nature of the theatre by making it as well as by studying it, and to understand it.

Visual Arts SL (3097510)  
2 credits Weighted  
Visual Arts Standard Level, International Baccalaureate provides students with the opportunities to make personal, sociocultural, and aesthetic experiences meaningful through the production and understanding of art.

Music SL (3098260)  
2 Credits Weighted  
Music Standard Level, International Baccalaureate promotes a greater awareness and understanding of the power and variety of musical experiences.

Theory of Knowledge I 1 Credit Weighted (3091050)  
Theory of Knowledge II 1 Credit Weighted (3091055)  
Theory of Knowledge, International Baccalaureate is unique to the International Baccalaureate Organization and is an interdisciplinary requirement intended to stimulate critical reflection on the knowledge and experience gained inside and outside the classroom. To take TOK students must be enrolled in one other IB course.

Humanities I 1 Credit Weighted (3091060)  
Humanities II 1 Credit Weighted (3091065)  
A course in humanities provides for the study of content drawn from history, philosophy, literature, languages, and the arts. The course also includes in-depth study of specific disciplines. To take Humanities students must be enrolled in one other IB course.

## Computer Science

Computer Science I (3036540)  
2 credits Grades 9-12  
Prerequisite-Algebra I  
Computer Programming I is the art and science of designing a solution to a problem that can be implemented by a computer. The solution is written in a set of instructions, a computer programming language, that can be understood by a computer.

Computer Science, AP Java Weighted Class (3036890)  
2 credits Grades 10-12  
Prerequisites-Computer Programming I & approval of instructor  
Students in this course will work at a faster and more disciplined pace than those in Programming II and work mostly with java. Advanced Placement curriculum for Java is the curriculum for this course.

Computer Science IB SL Weighted Class (3093680)  
2 credits Grades 10-12  
Prerequisite AP Computer Programming.

Computer Science Standard Level, International Baccalaureate guides students through problem solving strategies and definitions to the construction of algorithms to create solutions, thereby developing skills

## Family & Consumer Science

Interpersonal Relationships (3073825)  
1 credit Grades 10-12  
This course addresses the knowledge, skills, attitudes and behaviors all students need to participate in positive, caring, and respectful relationships in the family and with individuals at school, in the community, and in the workplace.

Child Development (3073725)  
1 credit Grades 10-12  
This course addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children.

Advanced Child Development (3073425)  
1 credit Grades 10-12  
This course is a sequential course that addresses more complex issues of child development and early childhood education. Topics include positive parenting and nurturing across ages and stages, practices that promote long-term well-being of children with their families.

Nutrition and Wellness (3070715)  
1 credit Grades 10-12  
Enables students to realize the components and lifelong benefits of sound nutrition and wellness practice. Lab experiences that emphasize both nutrition and wellness practices are required components of this course.

Advanced Nutrition and Wellness (3070725)  
1 credit Grades 10-12  
A sequential course that addresses more complex concepts in nutrition and foods. Lab experiences that emphasize advanced applications are required.

## Journalism & Broadcasting

Journalism I (3013500)  
2 credits Grade 9-12  
Journalism I is an interactive, project-oriented class for writers, photographers, and graphic artists interested in enhancing their communication skills and publishing their work in print and on the Web. Open enrollment. Please fill out the orange interest card and return to Mr. Lang in B105/B107 when registering. This class fulfills requirement for Fine Arts credits with Academic Honors diploma.

Student Publications: News I-IV (3013510/20/30/40)  
2 credits Prerequisite: Journalism I Grades 10-12  
Students in this class write, design, and publish the award-winning Floyd Central student newspaper, The Bagpiper, as they cover the many events at FC. These student journalists make all content decisions for the print and on-line version of the Bagpiper. Application must be made to advisor Jim Lang in Room B105/B107. This class fulfills requirement for Fine Arts credits for Academic Honors diploma.

Student Publications: Yearbook I-IV (3013550/60/70/80)  
2 credits Grades 10-12  
Prerequisite: Journalism I or a Photography Class  
Students in this project-oriented class photograph and create the award-winning yearbook, The Bartzian. Application must be made to advisor Leigh Prifogle. This class fulfills a requirement for Fine Arts credit for Academic Honors Diploma.

Photography (3013505)  
2 credits Grades 9-12  
Photojournalism and Digital Media is a course based on the Indiana Academic Standards for Visual Art and Photography. It is a project-oriented class designed for students who have an interest in photography, photojournalism, and/or digital media. This class fulfills requirement for Fine Arts credits for Academic Honors diploma.

Radio and Television I (3014710)  
2 credits Grades 9-11 Only  
Students will be exposed to the basics of radio, TV, and video industries. Emphasis will be placed on learning the skills used on both sides of the camera. This is a complete script to screen course. Content will cover everything from broadcast laws to scriptwriting.  
In place of a class fee students will sell educational grants as a grade requirement for this class.

Radio and Television II,III,IV (3014720/30/40)  
2 credits Dual Credit for 3rd year Grades 10-12  
Prerequisite; Mass Media: Radio TV I  
Students are selected to WNAS/Radio/TV II, III and IV following successful completion of Radio I and approval of teacher. The TV/Video portion will consist of practical studio production techniques and projects to aid the student in assimilating the many facets of television and video production.  
In place of a class fee students will sell educational grants as a grade requirement for this class.



## Language Arts

English 9A (3010130)  
2 credits Grade 9  
English 9A consists of the study of grammar, usage, mechanics, writing, literature, speaking, and listening.

English 9H (3010150)  
2 credits Weighted Class Grade 9  
Enrollment is selective: See your counselor.  
English 9H includes coverage as described for English 9A.

English 10A (3010230)  
2 credits Grade 10  
Students will study various elements of grammar, usage, mechanics, writing, literature, speaking, and listening.

English 10H (3010250)  
2 credits Weighted Class Grade 10  
English 10H includes coverage as described for English 10 A. This course is designed for the student who excels in English.

English 11A (3010330)  
2 credits Grade 11  
Literature study will center upon American literature, drama, and novels. Literature may be organized chronologically or thematically. At least four novels will be studied during the year.

English 11H (3010350)  
2 credits Weighted Class Grade 11  
Enrollment is selective: See your counselor.  
This demanding and challenging course moves quickly, and students must spend considerable time outside of class on assignments. A good deal of emphasis is placed on writing throughout the year.

IB English A: Literature Weighted Class/Dual Credit  
2 credits (First Year-Grade 11) (3091040)  
2 credits (Second Year-Grade 12) (3091045)

English 12A (3010430)  
2 credits Grade 12  
English 12A is a senior level course of study designed to continue the traditional English curriculum. Students will be expected to do senior level work. English 12A will include continued work in vocabulary, composition, grammar usage, and literature.

English 12H (3010470)  
2 credits Weighted Class Grade 12  
Enrollment is selective: See your counselor.  
Honors English 12 is designed to help seniors acquire the skills necessary for college success. The course includes the study of British literature, analytical writing, vocabulary, grammar and completion of a research project.

AP English Language & Composition (3010490)  
2 credits Weighted/Dual Credit Grade 11

Prerequisite: Summer reading  
Enrollment is selective: See your counselor.  
AP English is a challenging, discussion centered course stressing the tools and techniques of scholarship. Emphasis is placed on the thorough reading of literary works and analysis of style, structure, and meaning. A research project is required.

AP English Literature and Composition (3010380)  
2 Credits Weighted/Dual Credit Grade 12  
Prerequisite: Summer reading.

Dual Credit Class If Students have successfully completed Language and Composition  
Enrollment is selective: See your counselor.  
The AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. The course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit.

Speech (IUS) Offered 1st semester only (3010790)  
Dual Credit \$75 course fee Grade 12  
Public Speaking Theory and practice of public speaking, training in thought processes necessary to organize speech content, analysis of components of effective delivery and language SPACE IS LIMITED.

## Study Hall

Study Hall (30100001 1st Semester)  
(30100002 2nd Semester)

Study halls provide students with an opportunity to do homework and research during the school day. Students may only have one study hall daily. Students are required to bring work or reading material daily.

## PEER Tutoring

PEER Tutoring (3020820)  
2 credits Grades 10-12  
Peers Extending Equal Rights To Students With Disabilities (PEER) Tutoring. This is an elective course open to 10th, 11th, and 12th grade students.

Community Service Leaders Grades 11-12 (3020822)  
Students are paired up with struggling underclassmen to help w/study skills and organizational skills to be successful in high school. See Mrs. Jerke for an application.

## Mathematics

Algebra I 2 Credits Grades 9-12 (3031150)  
Algebra I is now a graduation requirement. The course may be taken at middle school. The course includes graphing on a number line and the Cartesian coordinate plane; performing the basic operations on real numbers and polynomials; solving linear sentences, quadratic sentences; and elementary factoring of polynomials.

Geometry (9H) Weighted Class Prereq Alg I (3032150)  
Geometry (9-12) 2 credits Grades 10-12 (3032530)  
Geometry will require students to have a solid foundation in algebraic skills, organizing data, and using deductive reasoning to arrive at conclusions.

Algebra II Grade 10-12 Prereq: Alg.I (3031550)  
Algebra II H Grade 9-11 Weighted Class (3031560)  
2 credits Prerequisites: Algebra I and Geometry  
Algebra II prepares students to use mathematics effectively in today's and tomorrow's world. It encourages the use of graphing calculators and emphasizes content for the computer age. Students become proficient in using algebraic expressions and functions to model real-world situations. Integrated throughout is work with geometry and function graphs Algebra II Honors should be taken by any student planning on taking another math class after Algebra II, especially Precalculus.

Pre-Calculus/Trigonometry (3033830)  
Weighted/Dual Class 2 credits Grades 10-12  
Prerequisites - Alg I, Geometry, Alg II H  
Pre-Calculus prepares students to take Calculus as a senior or as a college freshman. Topics covered in this class include the following: data analysis (modeling data), polynomial rational, exponential, and logarithmic functions, sequences and series, and trigonometry of triangles, functions, identities, and polar coordinates and complex numbers. Students with a grade of "C" or lower in Algebra II will encounter difficulty in this course.

AP Statistics (3034454)  
2 Credits Weighted Class Grades 10 - 12  
This two-semester course is an introduction to the major concepts and tools of statistics. It is designed to be equivalent to a one-semester, introductory, non-calculus based, college course in statistics, which is required by many college majors. Topics include data exploration, sampling, planning and conducting a study, using probability and simulation, estimating population  
Prerequisite: Algebra II. Core 40, AHD, THD.

AP Calculus AB Weighted /Dual Credit (3035493)  
2 credits Grade 10-12

Prerequisite - "B" or higher in Pre-Calculus  
AP Calculus AB is a course designed to emulate a college Calculus I course. Students in this course should expect an intense mathematical experience; success will require mastery of prerequisites along with a commitment to devote an unusually large amount of time to practice.

AP Calculus BC 2 credits (3035495)  
Prerequisite(s): "A" IB Math SL or "B" or higher in AP Calculus AB  
AP Calculus BC is a course for the mathematically gifted student capable of college-level work. Students enrolled in the course are required to take the AP Calculus Exam in the spring. AP Calculus BC includes many of the topics covered in AP Calculus AB, the course.

Finite Mathematics (2nd semester) Weighted/Dual (3034450)  
1 credit Prerequisites - Algebra II and Geometry Grades 10 -12  
A one-semester course that will prepare students to take Finite Mathematics or Calculus I as a college student.

Probability&Statistics Weighted Class (1st semester) (3034543)  
1 credit Grades 10-12  
Prerequisite-Algebra II and Geometry  
Probability and Statistics is a one-semester course that will prepare students to take college level statistics classes as part of their requirements for a variety of college majors. The course will include three main areas of study: Descriptive Statistics, Probability and Statistical Inference.

Mathematics IB SL 2 credits Weighted (3093540)  
Mathematics Standard Level, International Baccalaureate includes seven core topics: algebra, functions and equations, circular functions and trigonometry, vectors, statistics and probability, and calculus. It is based on the curriculum published by the International Baccalaureate Organization.

Math Studies IB SL 2 credits Grade (11-12) Weighted (3093530)  
Seven core topics are covered: Numbers and Algebra; Descriptive Statistics; Logic, Sets, and Probability; Statistical Applications; Geometry and Trigonometry; Mathematical Models; and Introduction to Differential Calculus.

## Musical Arts

**A.P. Music Theory & Composition** (3082610)  
2 credits **Weighted Class** Grades 11-12  
AP Music Theory is a course for juniors and seniors who will pursue musical study at the college level or who wish to explore a deeper understanding of the fundamentals of music.

**Intermediate Band I-VIII 9th Concert Band** (3081310/20/30/40)  
2 credits Grades 9-12  
The Intermediate Band is a performance-oriented class for freshmen, sophomores, and some juniors and seniors. Students are required to complete Middle School Concert Band or the equivalent in order to enroll in Symphonic Band.

All first year students are required to participate in marching band.

**Advanced Band I-VIII Wind Symphony** (3081210/20/30/40)  
2 credits Grades 9-12  
Advanced Band is a performance-oriented class for seniors, juniors, and some sophomores and freshmen. The organization is designed to teach wind, percussion, and ensemble techniques. Membership is open to all high school students. Requirements for enrollment are at least one year as a member of the Floyd County Highlander Marching Band and at least one year as a member of the Intermediate (Symphonic) Band.

**Jazz Ensemble I-VIII 2 Semesters** (3081350/60/70/80)  
2 credit Grades 9-12  
Jazz Ensemble is designed to develop and improve the jazz vocabulary of Floyd Central instrumental music students. Jazz improvisation, styles, and history are the focus of the class and are taught every day.

**Beginning Chorus (Women's) I-II** (3080110)  
**Intermediate Chorus (Women's) I-VI** (3080710/20)  
2 credits Grades 9-12  
The Women's Choir is open to young women in grades 9-12 who enjoy singing. No prior experience in music is necessary. Students will learn the fundamentals of singing and music reading.

**Beginning Chorus (Men's) I-II** (3080210)  
**Intermediate Chorus (Men's) I-VI** (3080715/25/35)  
2 credits Grades 9-12  
The Men's Choir is open to young men in grades 9-12 who enjoy singing. No prior experience in music is necessary. Students will learn the fundamentals of singing and music reading.

**Advanced Chorus I-VIII (A Cappella Choir)** (3080510/20/30/40)  
2 credits Grades 10-12  
The A Cappella Choir is an advanced mixed chorus. It is made up of the most advanced students in vocal music. Emphasis is placed on the ability to sight-read in addition to being able to sing in tune. Auditions are required.

**Applied Music: Handbell Choir I-VIII 1 credit** Grades 9-12  
(3080615/25/35/45/55/65/75/85)  
The handbell ensembles are advanced level performing groups. Prior handbell ringing experience is required and students must audition for placement.

**Instrumental Ensemble: Baroque Strings I-II** (3082230)  
2 credits Grades 9-12  
This class is the entry-level orchestra class at FCHS. Mostly composed of freshmen, this class deals with developing tone quality, being secure in Third and Fifth positions on the violin and viola; first, third, fourth positions on the cello; first, third, half, fifth, and sixth positions on the bass.

**Instrumental Ensemble: Camerata Strings** (3082240/50/60/70)  
2 credits Grades 9-10  
Camerata Strings is a class for the developing string player of any age at FCHS. The class performs at four of the orchestra department concerts over the course of the school year. This class is designed to fill in the gaps in the string player's skills and to prepare them for Baroque Strings or Advanced Orchestra.

**Instrumental Ensemble Adv Orchestra I-IV** (3082540/50/60)  
2 Credits Grades 11-12  
This class is an audition-based string orchestra class that studies and performs literature for the FCHS Symphony Orchestra. This class combines with the Camerata Strings I to form the string section of the Symphony Orchestra. This class is the most advanced string class at FCHS.

**Piano & Electronic Keyboard (Music Keyboard)** (3080410)  
1 credit **One Semester Only** Grades 9-12  
This one-semester class is offered both semesters. Piano class will be offered as a one-semester course. Students will learn the basics of playing the piano and electronic keyboards. No prior musical experience is required. Class size is limited, so students must obtain permission from Mr. Yankey.

## NJROTC

**Naval Science I-II** (3046510)  
2 credits Grades 9-12  
Naval Science I is designed to serve five purposes:  
To teach cadets to become leaders, good study habits, stimulate an enthusiasm for academic excellence, physical fitness and discipline, teach team building. To familiarizes students with the military for those that may be considering a future in the armed services.

**Naval Science III - IV** (3046520)  
2 credits Grades 10-12  
**Prerequisite: Naval Science I**  
Naval Science II intends to help cadets accomplish the following: Establish commendable citizenship standards, high leadership goals, and a sense of moral responsibility. Develop appreciation for authority in a democratic society. Learn more about the organization and profession of the Naval service.

## NJROTC

**Naval Science V-VI** (3046530)  
2 credits **Prerequisite: Naval Science I and II** Grades 11-12  
Topics covered include leadership; military justice; national security; naval history (WW II to Desert Storm); naval operations, communications and intelligence. In addition to class instruction, Naval Science III students take on more leadership responsibilities within the organization.

**Naval Science VII-VIII** (3046540)  
2 credits Grades 12  
**Prerequisite: Naval Science I, II, III**  
Topics covered include case studies in leadership and management. Naval Science IV students take an active role in the management and supervision of the cadet organization. They occupy the senior cadet leadership positions and work directly with the NJROTC instructors in program planning and execution.

## Physical Education & Health

**Health & Wellness** (3085125)  
1 credit Grade 10  
Health Education in grade 10 is a course designed to meet the health requirement for graduation from Indiana high schools.

**Physical Education I** (3086125)  
1 credit Grades 9-12  
The philosophy of the Floyd Central physical education class is to promote the physical, mental, emotional, and social development of each individual. Our goal is to have each student develop the skills and habits necessary to lead a lifetime of physical activity.

**Physical Education II** (3086225)  
1 credit Grades 9-12  
Physical Education II is the follow-up course to PE I. In this course students will continue using their portfolio to monitor their physical training progress. Major emphasis is placed on cardio respiratory endurance, muscular strength and weight training.

**Elective Physical Education I/II/III/IV**  
(Adv. Physical Conditioning) (3086325/425/525/625/725/825/925)  
1 credit Grades 10-12  
This high-level physical education course runs for one semester. This class involves rigorous physical training in the following areas: flexibility, agility, coordination, quickness, speed, muscular strength, muscular endurance, and cardiovascular endurance. Freshmen may substitute this course for PE I and II.

**Sports, Exercise and Health Science IB SL** (3098632)  
2 Credits **Weighted** Grades 11-12  
Sports, Exercise and Health Science Standard Level, International Baccalaureate involves the science that underpins physical performance and allows students opportunities to apply these principles both through inquiry and experimental (field and laboratory).

**PE Waiver**  
Students participating in a sport or marching band can get a waiver for the second credit of PE. All students must take PE I. The waiver doesn't count towards rank but does count towards GPA. See your coach or Mr. Yankey for the form.

## PLTW

**PLTW Introduction to Engineering Design** (3060530)  
2 credits **Weighted Class Dual Credit** Grades 9-12  
**Prerequisite: Students must be enrolled or have taken Algebra I.** A course that teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed and communicated using solid modeling computer design software.

**PLTW Digital Electronics 2nd year course** (3060532)  
2 credits **Weighted Class Dual Credit** Grades 10-12  
A course in applied logic that encompasses the application of electronic circuits and devices. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices.

**PLTW Principles of Engineering** (3060531)  
2 credits **Weighted Class Dual Credit** Grades 11-12  
**Prerequisite: Algebra II Co-requisite**  
A course that helps students understand the field of engineering, architecture and engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change. Students should have completed Algebra I with a grade of C or higher.

**PLTW Civil Engineering & Architecture** (3060533)  
2 credits **Weighted Class Dual Credit** Grades 11-12  
This course provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other. Students use state-of-the-art software to solve real world problems and communicate solutions to hands-on projects and activities.

**PLTW Engineering Design & Development** (3060534)  
2 credit **Weighted Class** **Only Grades 12**  
**Prerequisite: 3060530, 3060531, 3060532, 3060533**  
An engineering and architectural research course in which students work in teams to research, design, and construct a solution to an open-ended engineering problem. Students apply principles developed in the four preceding courses and are guided by a community engineer or architect mentor. They must present progress reports, construct a working prototype, submit a final written report and defend their solutions to a panel of outside reviewers at the end of the school year.



## Science

Adv Science: Astronomy 1st Semester only (3040877)  
Weighted/Dual Credit 1 credit Grade 11-12

Prerequisite: Algebra I with C or better

Astronomy is a one-semester course dedicated to studying the major aspects of the universe.

Adv Science: Meteorology 2nd Semester only (3040876)  
Weighted/Dual Credit 1 Credit Grade 11-12

This one-semester course focuses on the major aspects of weather and climate through an emphasis of physical processes

Adv Science: Human Anatomy (3042860)  
Weighted 2 Credits Grades 10-12

Prerequisites: Biology I with a C or better and Chemistry I Human Anatomy is an academic course designed for students who have an interest in science & medical science.

Biology I (3042231)  
2 credits Grades 9-12

Biology I is for students who want to meet the state requirements of completing two years of laboratory science. This class will be designed to cover practical biological knowledge.

Biology I H (3042240)  
Weighted 2 credits Grades 9-12

Biology fascinates most of us because it provides a glimpse of what it means to be alive and how matter works. We are now faced with problems that are part biological in nature.

Biology IB SL (3094276)  
2 credits Weighted

Biology Standard Level International Baccalaureate focuses on six core topics: cells, the chemistry of life, genetics, ecology, evolution, and human health and physiology. It is based on the curriculum published by the International Baccalaureate Organization. Optional course topics include neurobiology and behavior, applied plant and animal science, ecology and conservation, diet and human nutrition, physiology of exercise, and cell respiration and photosynthesis. This one year course is a group 4 class.

Biology IB HL (3094270)  
2 credits (First Year-Grade 11) Dual Credit/Weighted

2 credits (Second Year-Grade 12) (3094275)

Biology Higher Level, International Baccalaureate is a 2 year biology course. This course is as a two year course to cover the standards of the IB HL Course.

Chemistry I (3044740)  
Prerequisite: Algebra I 2 credits Grades 10-12

Chemistry I is an CORE Forty science course traditionally taken during the junior or senior year. Guided classroom instruction and laboratory activities are taught.

Integrated Chemistry-Physics (ICP) (3041540)  
2 credits Grades 11-12

RECOMMENDED PREREQUISITE: Algebra I

Integrated Chemistry-Physics is a laboratory-based course in which students explore fundamental chemistry and physics principles.

AP Chemistry (3044890)  
2 credits Weighted Grades 11-12

Prerequisite: Chemistry I with an "A" and instructor's Permission or Chemistry II with a "B"

Chemistry, AP is designed to complete the curriculum guidelines established by the College Board. It follows a syllabus that is an accepted Advanced Placement Curriculum.

Advanced Science: Organic Chemistry (3044860)  
2 credits Weighted Grades 11-12

Prerequisite: Chemistry I (with "C" or better)

Organic Chemistry is a unique pre-college elective on the study of carbon compounds, which comprise over 90 percent of the products we use each day.

Earth & Space Science (3043530)  
2 credits Grades 10-12

Earth Science can be broken down into the three basic sciences of geology, meteorology, and astronomy. Geology can be defined as the science which deals largely with the composition, structure, and topography of the solid earth.

Advanced Science: Earth & Space II (3043540)  
2 Credits Weighted/Dual Credit Grades 11-12

This two semester course explores the process of Earth & Space in greater detail with emphasis on physical and historical Geology. Meteorology, Astronomy & Oceanography will also be areas of studies within the course.

AP Physics 1 (3045890)  
2 credits Weighted Grades 11-12

Prerequisites: Algebra II, Pre-Calculus, Discrete Math

AP Physics 1 is the historical basis for all sciences and as such provides the comprehensive background needed to understand our contemporary technological world.

AP Physics 2 (3045895)  
2 Credits Weighted Grades 10-12

Prerequisite: AP Physics 1

AP Physics 2 is a second year course in advanced placement physics available only to students completing AP Physics 1.

AP Biology (3042790)  
2 Credit Weighted/Dual Credit Grades 11-12

Prerequisites: Biology I and Chemistry I

Biology AP is designed to follow the curriculum established by the College Board.

Zoology (3042840)  
2 Credit Weighted Grades 10-12

Prerequisite: Biology I with a "C" or better

Provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world.

## Social Studies

Economics (3020445)  
1 credit Grade 12

This semester course is required for students pursuing an FCHS diploma. Course topics include an introduction to economic concepts, scarcity and economic reasoning, supply and demand, market structures.

AP Macroeconomics (3020490)  
Weighted 1 credit Grade 12

Macroeconomics AP is a one-semester college-level course for seniors offered only in the spring semester. Macroeconomics takes a global view of the world economics.

AP Microeconomics (3020489)  
Weighted 1 credit Grade 12

Microeconomics AP is a one college-level course that delves into individual consumer and producer choices. Where Macroeconomics takes a global view, Microeconomics focuses on the individual consumer and producer and their decisions.

AP World History (3020870)  
Weighted 2 credits Grade 9-12

The AP World History course is structured around the investigation of five course themes and 19 key concepts in six different chronological periods, from 8000 B.C.E. to the present.

World Geography (3020670)  
2 credits Grades 9-12

World Geography allows students to study the interaction of humans and their environments in a world setting. Students study global patterns of physical and cultural characteristics.

Government (3020415)  
1 credit Grade 12

A one semester course which is required for the high school diploma. Local, state, and national governments are studied. Students will be obligated to fulfill a civic duty requirement.

AP Government Weighted/Dual Credit (3020416)  
1 credit Grade 12

This one-semester course is intended for qualified students who wish to complete studies in high school equivalent to a one semester college introductory course in American Government/Politics.

Psychology (3020455)  
1 credit Grades 11-12

This class is designed to give students a thorough foundation in the psychology field so that they will do well in any beginning college psychology course.

AP Psychology (3020456)  
2 credits Weighted Grades 11-12

AP Psychology offers a course & exam in Psychology to students who are willing to accept the challenge of a rigorous academic curriculum.

Indiana Studies (3020671)  
1 credit

Indiana Studies is an integrated course that compares and contrasts state and national developments in the areas of politics, economics, history, and culture.

Ethnic Studies (3020672)  
1 credit

Ethnic Studies provides opportunities to broaden students' perspectives concerning lifestyles and cultural patterns of ethnic groups in the United States.

Psychology IB HL/SL (3093040)  
2 credits Weighted (First Year-Grade 11)

2 credits (Second Year-Grade 12) (3093050)

Students in Psychology Higher Level, International Baccalaureate study the biological, cognitive, learning, and humanistic perspectives of psychology and must study two of the following: comparative psychology, cultural psychology, dysfunctional behavior.

Sociology (3020465)  
1 credit Grade 11-12

A survey course that concentrates mainly on the different values and opinions held by various groups in our society and other societies of the world.

World History/Civilization (3020570)  
2 credits Grades 9-12

World history is a college prep course that includes a survey of prehistory, anthropology, and history from Mesopotamia to the twentieth century.

Topics in History: World War II (3020335)  
1 credit Grades 10-12

This class is a chronological exploration of the major stories, personalities, battles, weapons and strategies of WWII. Starting in 1917 with the closing stages and events of WWI, students will examine the causes of the Second World War.

Topics in History: Post WWII (3020336)  
1 credit Grade 10-12

This class will investigate the Cold war political, diplomatic and cultural climate as it looks at espionage, assassinations and weapons of the Cold War.

U.S. History (3020330)  
2 credits Grade 11

United States history is a two-semester course which is required for high school graduation. This course focuses on Reconstruction (1870) to contemporary history.

A.P. U.S. History Weighted/Dual Credit (3020331)  
2 credits Summer Reading Required Grade 11

This is a two-semester course designed for qualified students who wish to complete studies in high school equivalent to a college introductory course in United States History.

History of Americas/Twentieth Century History IB HL (3092030)  
2 credits Weighted (First Year-Grade 11)

History Higher Level, International Baccalaureate promotes the understanding of the nature and diversity of history and its methods and interpretations.

Twentieth Century History IB Weighted (3092035)  
2 credits Weighted (2nd Year Grade 12) Grade 12

This International Baccalaureate level course focuses on twentieth century history by examining Causes, Practices, and Effects of wars. Peacemaking and peacekeeping during the years between the world wars also receive significant coverage.



## Technology Education

Coding 1 credit	3061595 Grades 9-12
Students will explore fundamental coding concepts and practice thinking like coders. Along with learning about algorithms, functions, loops, conditional statements, and variables, they'll discover the basics of user interface design. Students will work both collaboratively and individually as they strengthen their coding skills by solving real coding problems, testing each other's code, and designing programs for a range of bots. They'll also practice these skills in Tynker, solving a range of problems and applying the concepts they learn in classroom activities. Optional design activities guide students through a design process to conceptualize and prototype an app idea that solves a problem in their school.	
Technical Drawing Intro to Design Processes I 1 credit	(3060515) Grades 9-12
Technical Illustration is a one-semester course for boys and girls. This course will cover such items as the use and care of drawing tools and equipment, multi-view drawing, and pictorial drawings.	
Introduction to Manufacturing 1 credit	(3060555) Grades 9-12
This course is an introduction to manufacturing technology and how it is used to produce materials and products to meet human needs.	
ADVANCED MANUFACTURING AND LOGISTICS 2 Credits	(3065080) Grades 9 - 12
(INT ADV MFTG) Weighted/Dual Credit Introduction to Advanced Manufacturing and Logistics is a course that specializes in how people use modern manufacturing systems with an introduction to advanced manufacturing and logistics.	
Introduction to Construction 1 credit	(3061538) Grades 9-12
Prerequisite: Manufacturing Systems or Construction Systems In this course students will design and build various construction systems such as electrical wiring and basic plumbing.	
Construction Systems 1 credit	2nd semester only (3061539) Grades 9-12
Prerequisite: Intro to Construction In this course students who have excelled in previous construction classes will develop leadership, problem solving, designing, and planning skills. Students will take leadership roles in small groups to solve problems common in the construction industry. Special projects will be assigned to meet various school needs.	
Technology Systems 1 credit	(3061596) Grades 9-12
Technology Systems is a course that focuses on the technologies Instructional strategies include creative problem solving activities that address real-world problems and opportunities. Computer experiences are used to incorporate graphics, simulations, networking, and control systems.	

## Theatre Arts

Intro. Theatre Arts I & II 2 credits	(3012510) Grades 9-12
This is the first step in beginning the theatre experience needed to proceed to upper level courses. Students will read and analyze plays, create scripts and theatre pieces and develop acting skills.	
Adv. Theatre Arts I & II 2 credits	(3012950) Grades 10-12
Advanced Theatre Arts is the beginning advanced level with emphasis on acting. Class members will improve acting skills through improvisation, scripted monologues and scene studies	
Adv. Acting I & II 2 credits	(3012530) Grades 11 -12
Advanced Acting is the second level of advanced courses with an emphasis on performance. Students participating at this level will concentrate on original scripting as well as the creative process of drama.	
Adv. Acting III & IV 2 credits	(3012535) Grades 11 - 12
Advanced Acting III & IV is the third advanced level of acting emphasis is on scripted performance and the creative process.	
Musical Theatre 1st Semester, 1 credit	(3012725) Grades 11-12
Dance Performance 2nd Semester, 1 credit	(3012726) Grades 11-12
First semester Musical Theatre Class refines the student's abilities with regards to performance for musical theatre. Second semester Dance Performance class will incorporate creative movement into the scope of musical theatre.	
Dance History Appreciation 1st Semester, 1 credit	(3012727) Grade 12
Dance Choreography 2nd Semester, 1 credit	(3012728) Grade 12
Dance History and Appreciation develops students study literature, music, media, and movement associated with a variety of dance genres. Second semester extension and natural progression from Dance Appreciation. . Musical Theatre and Dance Performance are prerequisites to these classes.	

## Theatre Arts

<u>Technical Theatre</u> Program Course Sequence	
<u>Freshmen / 1st Year</u> Technical Theatre (INTRO)	
<u>Sophomores / 2nd Year</u> Adv. Technical Theatre I & II	
<u>Juniors / 3rd Year</u> Adv. Technical Theatre III & IV Stage Management (1 semester) Theatre Management (1 semester)	
<u>Seniors / 4th Year</u> Theatre Production Stage Management (1 semester) Theatre Management (1 semester) Directing (1 semester) Careers in Educational Theatre (1 semester)	
<u>Intro Tech Theatre I &amp; II</u>	Grades 9 -12 (3012910)
This is the introductory course of the technical theatre experience at Floyd Central. It is designed to give a basic understanding of technical theatre.	
<u>Adv.Tech Theatre I &amp; II</u>	2 Semesters Gr10-12 (3012920)
<u>Adv. Tech Theatre III &amp; IV</u>	2 Semesters Gr10-12 (3012940)
<u>Theatre Production: Tech</u>	2 Semesters Grades (3012930)
These courses are the next steps in the technical theatre program. Having completed the introductory course, students will continue to further and develop their craft. Many leadership opportunities within our department will be available in order to grow students' experience. Application to this course is required. Prerequisite: Successful completion of preceding class.	
<u>Stage Management</u>	1st semester Grades 11-12 (3012931)
<u>Theatre Management</u>	2nd semester Grades 11-12 (3012932)
These Junior and Senior level courses are for students who plan to pursue careers in the fields of technical theatre or arts administration. These students will assist the Technical Director with the needs of the production process for our main stage productions. Admittance to these courses is by teacher approval only.	
<u>Directing</u>	(3012755)
1st Semester 1credit Weighted Class	Grade 12
<u>Careers in Educational Theatre</u>	(3012756)
2nd Semester, 1 credit	Grade 12
A very limited number of advanced level students may participate in these courses with teacher approval. Participants will work as apprentices and assume directorial duties, as well as work as educational mentors to the underclass intro theatre students. Admittance to these courses is by teacher approval only.	

## Visual Arts

<u>Intro to 2D/3D Dimensional Art</u>	(3075130)
2 credits Prerequisite: To all other art classes	Grades 9-12
Intro. to 2D/3D Art is a two semester course that offers the Art student an opportunity to work with a wide range of visual arts media. Must take this class to take all other art classes	
<u>Ceramics I-II</u>	(3075510)
2 credits	Grades 10-12
This is a full year course with work in clay as the main focus. Basic techniques are covered early in the year.	
<u>Ceramics III-IV</u>	(3075520)
2 credits	Grades 10-12
2nd year Ceramics. This is a full year course with work in clay as the main focus. Basic techniques are covered early in the year.	
<u>Drawing I-II</u>	(3076510)
2 credits	Grades 10-12
Drawing I introduces the basic drawing skills in a wide variety of media (artist's materials) and subject matter.	
<u>Drawing III-IV</u>	(3076520)
2 credits	Grades 11-12
This course will allow students the opportunity to expand their creative drawing skills. This is a structured art studio course utilizing the elements and principles of art and artistic awareness.	
<u>Painting I-II</u>	(3076540)
2 credits	Grades 10-12
Although Drawing I/II are not required before taking Painting I/II, it is highly recommended. Painting I/II will include drawing exercises to strengthen students ability to make sketches for painting.	
<u>Painting III-IV</u>	(3076550/60)
2 credits	Grades 11-12
Advanced painting will involve concentration on developing individual style. Realistic modeling will emphasize the play of light and shadow on objects. .	
<u>Digital Design</u>	(3076710)
2 credits	Grades 10 -12
This course offers students the opportunity to build skills in illustration, graphic designs, and cartooning. The students' experiences will include color applications to perspective layouts, ink, etc.	
<u>AP Studio Art: 3D Design</u>	(3078795)
2 Credits Weighted	Grades 11-12
This course is geared toward students who plan to major in art in college. Assignments and requirements will follow the College Board AP Studio format for dual credit.	
<u>AP Studio Art: Drawing</u>	(3078790)
Two-Dimensional Design	(3078590)
2 credits Weighted Class	Grades 11-12
This course is geared toward students who plan to major in art in college. Assignments will follow the College Board AP Studio format. Students may work in Drawing, Painting, Design, Fiber, etc.	
<u>Jewelry I/II</u>	Grades 10-12 (3078880)
Students create works of jewelry design and fabrication including sawing, piercing, forming, filing, soldering, and polishing. and identify art related careers.	

## World Languages

**French I** (3015521)  
2 credits Grades 9-12  
This first course in French is geared toward speaking and listening comprehension about topics of interest to teenagers. Grammar is secondary to communication, and it is a very "active" class.

**French II** (3015522)  
2 credits Grades 10-12  
Students in French II will concentrate on improving their skills in the areas of listening, speaking, reading, and writing. Simulations of real life conversational situations are used & supplemental materials

**French III (IB Part I) Weighted Class/Dual Credit** (3015523)  
2 Credits IB Preparation Grades 11-12  
The major portion of French grammar is completed in the third year. Students will continue to improve their conversational skills and will spend an increased amount of time in the areas of reading and writing.

**French IV (IB Part II)** (3015524)  
2 credits Weighted/Dual credit/IB Grade 12  
Fourth year students use a text which is a survey of French literature and history, as well as a grammar review. Vocabulary and guided writing continue to be stressed, and several selections from classical literature.

**German I** (3015531)  
2 credits Grades 9-12  
Students in German I focus on developing a rich vocabulary that can be used right away to communicate in German everyday.

**German II** (3015532)  
2 credits Grades 10-12  
Students in German II will continue to expand their vocabulary to communicate in even more areas of everyday life. Throughout the year they will develop the ability to converse in an even greater variety of settings.

**German III** (3015533)  
2 Credits Weighted Class Grades 11-12  
Third year student develop their speaking skills and learn the many fine points of German grammar in the context of German fairy tales, short stories and news articles.

**German IV (IB)** (3015534)  
2 credits Weighted Class Grade 12  
Throughout German IV students continue to speak extensively in German while responding to German literature and discussing current events in German news.

**Latin I** (3015541)  
2 credits Grades 9-12  
Students will be introduced to the grammatical structure of Latin sentences, Through the study of Latin vocabulary, students will also increase their English vocabulary with study exercises and derivative work.

**Latin II** (3015542)  
2 credits Grades 10-12  
Students will first review concepts learned in Latin I and then will continue studying grammatical structures of Latin.

**Latin III (IB Part I) Weighted Course** (3015543)  
2 credits Grades 11-12  
This class will continue the study of Latin with more advanced grammar. Students will explore ancient Latin text .

**Latin IV (IB Part II) Weighted Course** (3015544)  
2 credits Grade 12  
This is a survey course of Latin authors following the IB curriculum. The focus on Roman authors will continue with a study of poetry and meter along with prose.

**Latin IB SL 2 credits Weighted** (3091544)  
Classical Language Standard Level, International Baccalaureate is a language course for the study of Latin or Classical Greek and introduces students to the language, literature, and culture of Greece or Rome.

**Spanish I** (3015561)  
2 credits Grades 9-12  
A beginning language course in which the students engage in basic conversational skills for personal expression.

**Spanish II** (3015562)  
2 credits Grades 10-12  
Students expand upon basic vocabulary and culture concepts from first year. Ability to speak in past tenses is an integral part of course curriculum.

**Spanish III Weighted Course** (3015563)  
2 credits Grades 11-12  
Students continue to develop communication skills to narrate present, past, and future events and to explain processes based on prior knowledge. Cultural practices are analyzed through authentic literature.

**Spanish IV (IB)** (3015564)  
2 credits Weighted/Dual Credit Grade 12  
Students use exclusively the target language to communicate and to create detailed descriptions to respond appropriately to information intended for native speakers (e.g., newspapers, short stories, speeches, films, etc.) Through analysis and interpretation of previous structures, students produce complex writing to convey mood and meaning.

## Prosser

For more information about each program, including dual college credit and certification opportunities, go to [www.prossercareers.com](http://www.prossercareers.com)

### PROSSER COURSES

**Architectural Drafting Design I** AM (90650101) **Architectural Drafting Design II** PM (90650301)  
Drafting students will learn the theory and skills of architectural drafting and design. Curriculum will focus on all aspects of fundamental drafting, geometric constructions, orthographic (multi-view) drawings.

**Automotive Collision Repair I & II** AUTO COL REP 1 AM (90651101) **AUTO COL REP 2** PM (90651305)  
Auto Collision students train in many phases of the collision repair process: cost estimating, frame and body damage analysis, structural and uni-body three-dimensional measuring, metal straightening, MIG welding, computerized frame diagnosis, etc.

**Automotive Services Technology I & II** AUTO TECH 1 AM (90694500) **AUTO TECH 2** PM (90695101)  
Automotive Services Technology students learn industry theory and experience hands-on instruction in repairing vehicles using the latest diagnostic and repair equipment in the automotive industry

**Aviation Operations I/Aviation Flight I** AVIATION OPERATIONS (90680101) **AVIATION FLIGHT** (90680301)  
Aviation students will receive a broad-based introduction to the field of aviation. Course activities include: familiarization with aviation technology; a historic overview of the field of aviation; exploration of the current aviation environment and careers and employment opportunities in the field.

**Computer Programming/Databases** COMP PROG AM (90655101) **COMP PROG** PM (90655702)  
Students will learn computer programming concepts needed to implement and maintain software applications that people use every day with their computers, mobile devices and game consoles. Students learn multiple programming languages.

**Construction Trades I & II** CON TECH 1 AM (90653101) **CON TECH 2** PM (90653302)  
Construction students gain familiarity with all aspects of building of a single-family residence. Through classroom instruction and laboratory experience, students acquire hands-on training in estimating, layout, footing and foundation, etc.

**Construction Trades: Electrical** ELECT 1 AM (90676501) **ELECT 2** PM (90676702)  
Electricity students learn basic electrical theory, residential, commercial and industrial wiring. An in-depth study of the National Electrical Code is a primary focus as students wire the residential homes in Builders' Ridge, Prosser's subdivision

**Heavy Equipment Operator I & II** CONS EM OP 1 AM (90683101) **CONS EM OP 2** PM (90683302)  
Heavy Equipment students are trained to operate and/or maintain heavy equipment. Students learn how to maneuver and operate heavy equipment on computerized simulators as well as on actual backhoes, skid-steers, excavators and bulldozers.

**Heating, Ventilation, Air-Conditioning I & II** HVACR 1 AM (90672101) **HVACR 2** PM (90672302)  
HVAC students learn all aspects of the fundamentals of residential and commercial HVAC. Curriculum will focus on the skills and knowledge required for trouble-shooting, repairing and maintaining heating and air-conditioning units.

**Cosmetology I & II** COSMETOLOGY 1 AM (90670102) **COSMETOLOGY 2** PM (90670302)  
Cosmetology students learn curriculum related to bacteriology, anatomy, hygiene, and sanitation, as well as, small business (salon) management, record keeping, & customer relations. Students' practical experiences will be conducted in a lab setting.

**Criminal Justice I & II** CRIM JUSTICE 1 AM (90699901) **CRIM JUSTICE 2** PM (90699921)  
Criminal Justice students will study the basic fundamentals of law enforcement and the criminal justice system. The Criminal Justice curriculum is based on the standards and content provided by official law enforcement academies.

**Culinary Arts and Hospitality/Advanced Culinary Arts** CULINARY ART 1 AM (90660101) **CULINARY ART 2** PM (90660501)  
Culinary Arts students will successfully complete three the basic disciplines of baking, food and beverage, and culinary. Instruction includes sanitation and safety requirements for food preparation; maintenance and operation of culinary tools , etc.

# Prosser

## PROSSER COURSES CONTINUED

### Dental Careers I & II

DENTAL CAREERS I AM (90668105)      DENTAL CAREERS II PM (90668109)

This program will prepare students for an entry level dental assisting position. Dental Assistants have one of the most diverse & interesting of all positions in a dental office.

### Diesel Service Technology I & II

DIESEL TECH 1 AM (90677701)      DIESEL SERV TECH 2 PM (90677902)

Diesel Service Technology students experience all phases of repair work on diesel engines and heavy equipment. Classroom and lab activities utilize state-of-art diagnostic equipment & tools to repair and troubleshoot all aspects of diesel operation.

### Entrepreneurship and New Ventures

ENTRE VENTURES AM (90640101)

Entrepreneurship students will study curriculum that focuses on the roles and responsibilities of managers as well as opportunities and challenges of ethically managing a business in the free enterprise system.

### Fire and Rescue I/ Fire and Rescue II

FIRE RESCUE 1 AM (90700101)      EMT 2 PM (90700302)

Fire and Rescue students will focus on all aspects of Fire Science in the first year curriculum. This will include Firefighter safety and health, fire control and behavior, rescue equipment, and hazardous materials. Second year curriculum will include pre-hospital care, medication identification, and ambulance operations.

### Health Science Education I & II

HLTH SCIENCE 1 AM (90668101)      HLTH SCIENCE 2 PM (90668302)

Health Science students study the skills common to specific health-career topics and study medical terminology, basic anatomy/physiology, disease processes, infection control, and components for wellness and healthy lifestyle.

### Health SCI Education II Pharmacy

(After School starts 3:45 pm) (90668103)

Pharmacy students will attend their home school for a full schedule of classes and attend Prosser's pharmacy class two days a week from 3:45 p.m. – 6:00 p.m. until Nov.1st and then one class a week in addition to 10 internship hours in a pharmacy.

### Horticulture Science

AM (90659101)

Horticulture students study the biology and technology involved in the production, processing and marketing of horticultural plants and products.

### Infrastructure to Internet

(90657302)

Networking students will learn how to assemble and configure computers, install operating systems and software, and troubleshoot hardware and software problems. Students will also learn all aspects of network support including the fundamental concepts of local, wide area, and home networks.

### Interactive Media

AM SENIOR ONLY (90665401)

Interactive media students study the creation of digitally generated or enhanced projects using the most current industry based software available. Students will learn to manipulate text, photos, graphics, animations, sound and video into creative projects.

### Landscape Management I

PM (90659302)

Landscape Management students experience an overview of the many career opportunities in the diverse field of landscape management. Students are introduced to the procedures used in the planning and design of a landscape.

### Precision Machining I & II

PRECIS MACH 1 AM (90665101)      PRECIS MACH 2 PM (90665302)

Precision machine students learn to shape & form metal using the most current tool & die equipment available. Hands-on training will be on some of the most technologically advanced equipment found in industry

### Strategic Marketing

STRATEGIC MARKETING PM Seniors Only (90640104.02)

### Welding Technology I & II

WELDING 1 AM (90667104)      WELDING TECH 2 PM (90667305)

Welding Technology students learn to fabricate and weld metal, using shielded metal arc, oxy fuel, MIG, TIG, and plasma arc techniques and procedures. In addition, students study the properties of metals, safety, blueprint reading, electrical principles, welding symbols, and mechanical drawings.