



BISHOP DWENGER  
HIGH SCHOOL

2021-2022

# CURRICULUM GUIDE

A COURSE SELECTION GUIDE FOR  
GRADE 9 • GRADE 10 • GRADE 11 • GRADE 12

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***IMPORTANT: May 28, 2021 is the final deadline for student  
and/or parent initiated requests for course changes.***



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# INTRODUCTION

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This Curriculum Guide provides descriptions of the courses offered at Bishop Dwenger High School and some of the Career Academy at Anthis's popular offerings. Its purpose is to assist in the academic planning process. **Please keep this book!** It is an important document that you should keep for reference during course selection time and throughout the year. Every time you make a decision to take a particular course, it should be made for a sound purpose or reason:

- This is a required course, so it must be an important part of my general education.
- This represents an area in which I am weak, so I choose it in order to strengthen my educational background.
- This course is one I need to meet a requirement for entering a particular college, specialized school, training program, or a particular occupation.
- This course is one of a sequence that will provide me with a certain degree of proficiency I will need.
- This course is the kind that will challenge my abilities.

# REGISTRATION

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1. Required and elective courses are listed on each grade's selection sheet. Students take seven (7) subjects per semester or six (6) subjects and one study hall per semester. Students seeking an Academic Honors Diploma should make sure they will have enough credits to take a study hall.
2. Please select the elective courses you wish to take to complete next year's schedule. An elective is a course a student freely chooses to complete an instructional program, according to plans for future education or entrance into the work force.
3. Choose *carefully and wisely*. If you later wish to make a change, it must be before the prescribed date.
4. A parent's signature is required at the bottom of the course selection sheet.

# GRADUATION PATHWAYS REQUIREMENTS - CLASS 2023+

## 1. EARN A DIPLOMA

Must complete **ONE** of the following:

- A) Core 40 Diploma
- B) Core 40 with Academic Honors Diploma
- C) Core 40 with Technical Honors Diploma

**AND**

## 2. LEARN AND DEMONSTRATE EMPLOYABILITY SKILLS

Must complete **ONE** of the following:

- A) Complete a Work-Based Learning experience – long-term employment
- B) Complete a Service-Based Learning experience – complete and document a project
- C) Complete a Project-Based Learning experience – meaningful service to the community or participation in an extracurricular activity

**AND**

## 3. COMPLETE POSTSECONDARY-READY COMPETENCIES

Must complete **ONE** of the following:

- A) Earn an Academic Honors or Technical Honors Diploma
- B) ACT: Meet college-ready benchmarks of (18 English **OR** 22 Reading) **AND** (22 Math **OR** 23 Science)
- C) SAT: Meet college-ready benchmarks of 480 EBRW **AND** 530 Math
- D) ASVAB (Armed Services Vocational Aptitude Battery): Earn a score of 31 or higher
- E) Career-Technical Education Concentrator: Earn a C average or higher in at least 6 high school credits in career sequences
- F) AP/Dual Credit/CLEP (College Level Examination Program): Earn a C average or higher (in AP/Dual Credit courses) or earn a score a 50 or higher (on CLEP exams) for at least three courses/exams

***NOTE: Class of 2022 may also utilize the Graduation Pathways option to meet graduation requirements if needed.***

# DIPLOMA REQUIREMENTS

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## CORE 40 DIPLOMA

English	8 credits
Math	6 credits - Algebra I (2), Geometry (2), Algebra II (2) <i>Note: Must take a math or applied math course each year in high school</i>
Science	6 credits - Biology (2), Chemistry, Integrated Chemistry, or Physics (2), Any Core 40 Science course (2)
Social Studies	6 credits - World History (2), U.S. History (2), Government (1), Economics (1)
Physical Education	2 credits
Health	1 credit
Religion	8 credits
Personal Finance	1 credit
Directed Electives	4 credits - World Languages, Fine Arts, or Career/Technical
Electives	5 credits - College and Career Pathway courses recommended

**Total = 47 credits**

## CORE 40 WITH ACADEMIC HONORS DIPLOMA

English	8 credits
Math	8 credits - Algebra I (2), Geometry (2), Algebra II (2), Upper Level Math (2) <i>Note: Must take a math course each year in high school</i>
Science	6 credits - Biology (2), Chemistry, Integrated Chemistry, or Physics (2), Any Core 40 Science course (2)
Social Studies	6 credits - World History (2), U.S. History (2), Government (1), Economics (1)
Foreign Languages	6-8 credits - 3 years of one language or 2 years each of two languages
Fine Arts	2 credits
Physical Education	2 credits
Health	1 credit
Religion	8 credits
Personal Finance	1 credit
Electives	5-7 credits - College and Career Pathway courses recommended

Must also complete **ONE** of the following:

- A)** Two Advanced Placement courses and corresponding AP exams
- B)** Two dual high school/college courses resulting in 6 college credits
- C)** One AP course and one dual high school/college course resulting in 3 college credits
- D)** Score 1250 or higher combined SAT (minimum score of 590 in Evidence-based Reading & Writing and a minimum score of 560 in Math)
- E)** Score 26 or higher composite ACT

*GPA at the end of 8 semesters must be a B (3.0 out of 4.0) and every semester grade must be a C- or higher.*

**Total = 53 credits**

## CORE 40 WITH TECHNICAL HONORS DIPLOMA

Academic course requirements are the same as the Core 40 distinction.

Complete a Career/Technical program (6 or more related credits).

Recommended: Earn 2 additional credits in mathematics and 4-8 credits in World Languages for four-year college admission.

Must also complete **ONE** of the following:

- A)** Any one of the options (A-E) of the Core 40 with Academic Honors
- B)** Earn the following levels or higher on WorkKeys: Reading for Information - Level 6, Applied Mathematics - Level 6, Locating Information - Level 5
- C)** Earn the following minimum scores on Accuplacer: Writing - 80, Reading - 90, Math - 75

*GPA at the end of 8 semesters must be a B (3.0 out of 4.0) and every semester grade must be a C- or higher.*

**Total = 53 credits**

# WEIGHTING OF CLASSES

## TIER 2 SCALE

### English

AP English Lit/Comp  
AP English Lang/Comp  
ENGL 13100 Read, Writ, Inq I

### Math

AP Calculus  
AP Statistics  
Pre-Calc/Trig Honors

### Social Studies

AP U.S. History  
AP Psychology

### Fine Arts

AP Music Theory

### Science

AP Chemistry  
AP Biology  
Physics Honors

### Business

BUSN 101 Intro Business  
CINS 101 Int Microcomputers  
CS 11200 Computer Science

### World Languages

French IV  
Latin IV  
Span IV, IV Hon, V, & V Hon  
SPAN 20301 2<sup>nd</sup> Yr Span I  
SPAN 20401 2<sup>nd</sup> Yr Span II

### Multidisciplinary

PHIL 11000 Intro Philosophy

### College Courses

Purdue FW Ivy Tech  
Indiana Tech

**NOTE: College classes must be approved by BDHS to be weighted**

## TIER 1 SCALE

### English

English Lit Honors  
American Lit Honors  
English 9 Honors

### Math

Geometry Honors  
Algebra II Honors  
Trig/Pre-Calc Acad  
Finite Math  
Calculus

### Science

Biology Honors  
Chemistry Honors  
Chemistry II  
Biology II  
Physics  
Microbiology  
Genetics  
Anatomy & Physiology  
Forensic Science

### Social Studies

Government Honors

### World Languages

French III  
Latin III  
Spanish III

### Theology

Theo 6 Morality Honors  
Theo 7 Catholic Social Teaching Honors  
Great Catholic Thinkers Honors  
Dignity of Men/Women Honors

### Fine Arts

Band III & IV, Instr Ens III & IV, Orchestra III & IV,  
Advanced Chorus III & IV, Painting III & IV,  
Drawing III & IV, Ceramics III & IV,  
Digital Design III & IV, Photography III & IV,  
Sculpture, Dance III & IV

## STRAIGHT SCALE

All other courses not listed above

## GRADE SCALES & POINTS

Percentage	Letter Grade	Straight Scale Grade Point	Tier 1 Scale Grade Point	Tier 2 Scale Grade Point
100-98	A+	4.333	4.667	5.000
97-93	A	4.000	4.333	4.667
92-90	A-	3.667	4.000	4.333
89-87	B+	3.333	3.667	4.000
86-83	B	3.000	3.333	3.667
82-80	B-	2.667	3.000	3.333
79-77	C+	2.333	2.667	3.000
76-73	C	2.000	2.333	2.667
72-70	C-	1.667	2.000	2.333
69-67	D+	1.333	1.667	2.000
66-63	D	1.000	1.333	1.667
62-60	D-	0.667	1.000	1.333
59 & Below	F	0.000	0.000	0.000

Grade Point Average (GPA) is determined by the addition of grade points for all courses/programs taken from the assigned scale for that course. This total is divided by the number of credits taken, yielding a GPA. All courses taken will be computed in the GPA.

# HONORS COURSES REQUIREMENTS

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Honors courses are designed to challenge students at the highest academic level. The expectations of these classes are at a higher level than the academic classes. Honors course students are ones who:

- Show insightfulness, an extraordinary interest in the subject, and are critical thinkers
- Are self-motivated and learn well thinking independently
- Complete all required class work and homework on time
- Are recommended by a current teacher in that academic area to show they can do the required and necessary work. (A student may petition if he/she wants to be in an honors course, but is not recommended by a teacher.)

In order to remain in any honors course, the students need to meet these high expectations set forth. Due to this reason, the score to retain placement in an honors course is a semester course grade of 83%. Any student receiving a score below an 83% will be moved to the academic course in that subject.

## ADVANCED PLACEMENT PROGRAM (AP)

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All students taking AP classes are required to take the AP examination in the spring. It is important for parents and students to note that AP courses require an additional amount of work. **NOTE: Students are responsible for fees incurred for the AP exams. Financial assistance may be available for those who qualify. The 2020-21 test fees were \$10 for science, math, and English courses and \$95 for all other courses; the 2021-22 test fees will likely be similar.**

## DUAL CREDIT COURSES OFFERED AT BISHOP DWENGER

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Bishop Dwenger partners with local colleges to offer dual credit courses in our building. Students must apply and be accepted into the college and must meet course prerequisites determined by Bishop Dwenger. **NOTE: Tuition fees must be paid by the students directly to the college or university. Any required books must be purchased by the students. It is the student's responsibility to verify that their intended college will accept the dual credit.**

*Courses:* CS 11200 Computer Science for Everyone; ENGL 13100 Reading, Writing, and Inquiry I; SPAN 20301 Second Year Spanish I; SPAN 20401 Second Year Spanish II

*College:* Purdue Fort Wayne

*Cost:* \$75; Students enrolled in the free/reduced lunch program may qualify for financial aid to cover the cost of this class.

*Course:* PHIL 11000 Introduction to Philosophy

*College:* Purdue Fort Wayne

*Cost:* \$315.30 (2020-21 costs)

*Courses:* BUSN 101 Introduction to Business; CINS 101 Introduction to Microcomputers

*College:* Ivy Tech Community College

*Cost:* No cost

## DUAL CREDIT COURSES OFFERED ON COLLEGE CAMPUS

Seniors in good academic standing and who have met all other diploma requirements have the opportunity to take a college course for dual credit on several local college campuses. Purdue Fort Wayne, Indiana Tech, Ivy Tech, and St. Francis all offer courses on campus to high school students. Students may take a class during the fall semester, spring semester, or both. Students must first apply and be admitted into the college's program; students will select classes in the semester prior to enrollment. Classes will be offered at various times during the school day and in the evenings. There are many courses offered in a variety of subject areas. Students should select general education classes that will easily transfer to their college of choice. **NOTE: Tuition fees must be paid by the students directly to the college or university. Any required books must be purchased by the students. It is the student's responsibility to verify that their intended college will accept the dual credit.**

*School:* Purdue Fort Wayne Collegiate Connection

*Cost:* \$291.00 per credit hour; \$873.00 per 3-credit hour class, plus the cost of books (2020-21 costs)

*Website:* <https://www.pfw.edu/collegiate-connection/>

*College:* Ivy Tech Community College

*Cost:* \$149.55 per credit hour; \$448.65 per 3-credit hour class, plus the cost of books (2020-21 costs)

*Website:* <https://www.ivytech.edu/apply-now/index.html>

*College:* Indiana Tech Early Start

*Cost:* \$25 per credit hour; \$75 per class 3-credit hour class, plus the cost of books (2020-21 costs) **NOTE: Students who are enrolled in the free/reduced lunch program may qualify for financial aid to cover the cost of a class.**

*Website:* <https://www.IndianaTech.edu/EarlyStart>

## EARLY GRADUATION

Seniors who have earned the 46 or 52 required credits at the end of their seventh semester, and have passed both the Grade 10 ISTEP+ Math and English Language Arts exams (or meet Graduation Pathways requirements), may be eligible to graduate at the end of the first semester. This can be discussed at the time of scheduling for senior year. All paperwork for early graduation, including permission slip, must be filed with the Guidance Department by September 1<sup>st</sup> of the senior year.

## SENIOR PRIVILEGE

Seniors who maintain a minimum grade of an A- in any class for their final semester of attendance may apply for senior privilege in that class. The application also has attendance and discipline components. Refer to the student handbook.

## GRADE OF "INC" (INCOMPLETE)

The grade of "INC" may be given by a teacher as a result of the student's failure to complete the academic requirements of the course due to excused absences, as determined by the Administration. It is the student's responsibility to make arrangements with the teacher to complete make-up assignments or tests. The grade of "INC" is not a permanent grade and will not appear on any official transcript. A grade of "INC" becomes an automatic "F" if it is not changed within ten (10) class days after the end of the quarter.

## WITHDRAW PASS/WITHDRAW FAIL (WP/WF)

With permission of the parents and the approval of a school counselor, a student may withdraw without penalty from a regularly scheduled class within the first two weeks of the semester to take a study hall. After two weeks of the semester have been completed, the student may withdraw from a class with a grade of WF (withdraw/fail) only. Any student withdrawn from a class with a WF will be placed in a study hall. In special circumstances, administration may allow a student to discontinue with a WP (withdraw/pass) after two weeks of a semester. If a student is removed from a class for disciplinary reasons, the student will receive a WF. If a student is removed from a class for excessive tardiness or absences as stated in the policy found in the school's handbook, the student will receive a WF. **A grade of WF is equivalent to an F and is included in the calculation of the GPA. No credit will be earned for a WF.**

## REPEATING A CLASS

Students may repeat a class to earn a passing grade or improve their original grade. Upon completion of the class, the lower of the two grades will be excluded from the GPA, and the higher of the two grades will be included. Both grades will be recorded on the transcript.

## ACADEMIC PROBATION

Students who fail two or more classes in a semester or have a semester GPA < 1.333 are placed on academic probation. Students who fail two or more classes in two consecutive semesters may be asked to withdraw from Bishop Dwenger High School.

## ATHLETIC & EXTRACURRICULAR ELIGIBILITY

Students failing more than one class per grading period will be ineligible to participate in athletics and extracurricular activities. Refer to the Student Handbook for complete details.

## SCHEDULE CHANGE POLICIES & PROCEDURES

The master schedule and teacher assignments are based solely on the course requests of the students. In an effort to balance classes and keep class size at a minimum, schedule change policies and procedures are in place. Students will begin meeting with counselors in February and are given plenty of time to make any adjustments to their requests. **A strict deadline of May 28, 2021 will be enforced for all changes to requested classes.** Everyone is expected to note and adhere to these policies. Do not ask for an exception to be made on your behalf.

### CHANGE GUIDELINES

Any changes to course requests must be made by May 28, 2021. All changes are subject to approval by the academic department. Changes to course levels (AP, Honors, Academic) should be made prior to the end of the current school year to include teacher recommendations. Call or stop by for assistance prior to May 28, 2021.

After students receive their schedules on Verification Day, schedule changes will only be made to fix any errors. If a student's schedule works, accommodating all course requests, then the student is expected to keep and follow that schedule.

After the school year begins, a student with seven credited courses may request to drop one course and add a study hall. A new course will not be added, only a study hall. This change must be made within the first two weeks of the semester. Before making this change, students should make sure they are earning the total number of credits required for their diploma of choice. The Academic Honors Diploma requires 53 total credits; the Core 40 Diploma requires 47 total credits; the Technical Honors Diploma requires 53 credits.

Changes to the level of any course (i.e. Honors to Academic) must be approved by the teacher and department chair and should be made by the mid-term of the first quarter of the semester. Otherwise, changes in level will be considered at the semester.

Bishop Dwenger requires all students to take eight full semesters of Theology. The courses and their sequencing are designed to give the students the necessary background so that they will have a solid foundation in the Faith. The courses follow the United States Catholic Bishops’ Doctrinal Elements of a Curriculum Framework. One honors elective is offered on the junior level and two on the senior level. Bishop Dwenger requires one credit in Theology for each semester in attendance.

### REQUIRED COURSES BY GRADE

**Grade 9:** The Word of God, Christology

**Grade 10:** The Paschal Mystery, Ecclesiology

**Grade 11:** Sacraments, Morality or Morality Honors

**Grade 12:** *Choose two* - Sacred Scripture, Ecumenism and Interreligious Dialogue, Catholic Social Teaching, Catholic Social Teaching Honors, Vocations, Great Catholic Thinkers (Philosophy) Honors, Dignity of Women (Philosophy) Honors, Dignity of Men (Philosophy) Honors

### SAINT ANDRÉ BESSETTE RELIGION PROGRAM

Saint André Bessette is one of the patron saints for those who are handicapped. Saint André served in the humble position of doorman (porter) of the Congregation of Holy Cross community’s Notre Dame College in Montreal for 40 years. This humble service connected Andre to a deep devotion to Saint Joseph, the foster father of Jesus. This humility and dependency makes Saint Andre a model for our education of young people with special needs. As Saint André once wrote, “God is love and he loves us; that is the heart of the Christian faith.” The goal of this program is to help these students come to know and love the person of Jesus Christ and make his model the model of their lives. Utilizing a four year cycle, students will learn the Catholic faith in an appropriate learning environment. These are year-long courses with combined grade levels. All classes will follow the school-wide schedule for service to the poor as set by the Service Coordinator.

**Year 1:** Sacred Scripture (Based on THEO 1-The Word of God and THEO 8-Sacred Scripture)

**Year 2:** Jesus Christ (Based on THEO 2-Christology and THEO 3-The Paschal Mystery)

**Year 3:** The Church (Based on THEO 4-Ecclesiology and THEO 9-Ecumenism and Interreligious Dialogue)

**Year 4:** Discipleship (Based on THEO 5-Sacraments, THEO 6-Morality, and THEO 7-Catholic Social Teaching)

*Prerequisite: Teacher recommendation required*

### Freshman Courses

#### THEO 1 THE WORD OF GOD

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scripture. Through their study of the Bible, they will come to encounter the living Word of God, Jesus Christ. In the course, they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.

#### THEO 2 CHRISTOLOGY

The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who He is, the students will also learn who He calls them to be.

## Sophomore Courses

### THEO 3 THE PASCHAL MYSTERY

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with Him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

### THEO 4 ECCLESIOLOGY

The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course, students will learn not so much about events in the life of the Church, but about the sacred nature of the Church.

## Junior Courses

### THEO 5 SACRAMENTS

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life.

### THEO 6 MORALITY

The purpose of this course is to help students understand that it is only through Christ that they can fully live out God's plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.

### THEO 6 MORALITY HONORS

The purpose of this course is to help students understand that it is only through Christ that they can fully live out God's plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples. This honors level course will involve extensive analysis of the flawed logic of moral relativism, as well as a clear defense of the Church's moral teaching grounded in natural law. Honors students will explore through reading, writing, and class discussion key texts in Catholic morality.

*Prerequisites: Must have at least a B in all Theology and English classes  
A signature from your current Theology teacher*

## Senior Courses

### **Choose One of the Following Courses for Semester 1**

### THEO 7 CATHOLIC SOCIAL TEACHING

The purpose of this course is to introduce students to the Church's social teaching. In this course, students are to learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission.

### THEO 7 CATHOLIC SOCIAL TEACHING HONORS

The purpose of this course is to introduce students to the Church's social teaching. In this course, students are to learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission. The honors course is designed for the student who wants to explore the Catholic Church's social doctrine in depth. The course will use experiential learning and primary documents including the Compendium of the *Social Doctrine of the Church*, *Papal Encyclicals*, and *Gaudium et Spes*.

*Prerequisites: Recommendation from junior year Theology teacher  
At least a B in all previous Theology classes*

## DIGNITY OF WOMEN (PHILOSOPHY) HONORS

This course will explore the teaching of the Catholic Church on the dignity and vocation of women. Related writings of Blessed John Paul II will be discussed, including excerpts from his Theology of the Body. We will read from prominent women in the history of our Faith, such as the Doctors of the Church as well as saints of our times. The class will conclude with Helen Alvare's work on the challenges and joys of living our faith in the modern world. This course is designed to be an intelligent discussion on reading assignments; grading is based on class participation and reflection papers. **NOTE: There is no overlap with Great Catholic Thinkers, so both courses may be taken. Course is weighted the same as Great Catholic Thinkers.**

*Prerequisites: This class is open to female students only*

*Must have at least a B in all Theology and English classes*

*A signature from one Theology teacher and department chair*

## DIGNITY OF MEN (PHILOSOPHY) HONORS

This course will explore the teaching of the Catholic Church on the dignity and vocation of men. Related writings of Saint John Paul II will be discussed, including excerpts from his Theology of the Body. We will read from and focus on exemplary men in the history of the Church such as St. Peter, St. Paul, St. Francis of Assisi, St. John Vianney, and St. Josemaria Escriva, among others. There are five units: Vocation of Man in A Theology of the Body, Saint John Paul II's writings on men and women, Gifts specific to the Masculine Vocation, Men in the History of the Church, and Living the Catholic Faith as Men in the Modern World. This course is designed to be an intelligent discussion on daily reading assignments where grading is based on class participation and reflection papers. **NOTE: There is no overlap with Great Catholic Thinkers, so both courses may be taken. Course is weighted the same as Great Catholic Thinkers.**

*Prerequisites: This class is open to male students only*

*Must have at least a B in all Theology and English classes*

*A signature from one Theology teacher and department chair*

### **Choose One of the Following Courses for Semester 2**

#### **THEO 8 SACRED SCRIPTURE**

The purpose of this course is to give an overview of Sacred Scripture with an introduction to the basic principles for understanding and interpreting the Bible. Because of the extent of the scriptural material, this outline will not try to cover the vast content of study. It will not be possible to introduce all the books of the Bible here, but every effort is made to project a sense of the unity of the narrative for the divine plan of salvation, the presence of God's action in this record of His Revelation, and His desire to share his merciful love with us. It is suggested that for the detailed curriculum, comments on authorship, date of composition, and formation of text of each book of the Bible be drawn from introductions in the New American Bible or from the Catholic Study Bible for the New American Bible.

This outline cites catechetical references from the Catechism of the Catholic Church (CCC), the Compendium of the Catechism of the Catholic Church (Compendium), and the United States Catholic Catechism for Adults (USCCA) for various explanations of Scripture, with the intention of integrating catechesis and Scripture.

#### **THEO 9 ECUMENISM & INTERRELIGIOUS DIALOGUE**

The purpose of this course is to help the students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. Building on the foundational truth that Jesus Christ established the Catholic Church and entrusted to her the fullness of God's Revelation, the course is intended to help students recognize the ways in which important spiritual truths can also be found in non-Catholic Christian churches and ecclesial communities as well as in non-Christian religions. It is also intended to help them to recognize the ways in which other systems of belief and practice differ from the Catholic Faith.

## THEO 10 VOCATIONS

The purpose of this course is to help students to understand the vocations of life; how Christ calls us to live. In this course, students will learn how all vocations are similar and how they differ. The course will be structured around married life, single life, priestly life, and consecrated life. Students will learn what it means to live life for the benefit of others and the value in considering a vocation in service to the Christian community.

*Prerequisites: Students must complete online application through Canvas*

*Demonstrate a commitment to service by going beyond the service requirements of Bishop Dwenger*

*Provide a recommendation from a Theology teacher or pastor/youth minister*

## GREAT CATHOLIC THINKERS (PHILOSOPHY) HONORS

This class will introduce the writings and ideas of influential figures such as John Chrysostom Augustine, Thomas Aquinas, Blaise Pascal, G.K. Chesterton, Teresa of Avila, Thomas Merton, and others. This class will involve extensive reading, discussion, and writing an evaluation of the present theologians.

*Prerequisites: Must have at least a B in all Theology and English classes*

*A signature from one Theology teacher and department chair*

Bishop Dwenger offers a variety of art courses. Each course offers a variety of medium, technique and skill gradually becoming more difficult. If students do not have time to take art their freshman year, they may begin the sequence any year. Order is consecutive for most classes.

## AVAILABLE COURSES BY GRADE

### Grade 9-12

Painting I & II  
Drawing I & II  
Digital Design I & II  
Photography I & II  
Ceramics I & II  
Printmaking

### Grade 10-12

Painting III  
Drawing III  
Digital Design III  
Photography III  
Ceramics III

### Grade 11-12

Sculpture  
Painting IV  
Drawing IV  
USF ART 107  
Digital Design IV  
Photography IV  
Ceramics IV

## PRINTMAKING (Grades 9, 10, 11, 12) 1 Semester

This is a one semester course specifically focused on the history, mediums, and techniques of printmaking. Students will learn monotype, relief, and silk screen printmaking processes. Students will produce a variety of prints that can be utilized for portfolio purposes. Production, aesthetics, art history, and art criticism are integral parts of this course.

## SCULPTURE (Grades 11, 12) 1 Semester

This course is offered for students who have a career interest in art. Students will continue to experiment with the techniques and mediums of three-dimensional art on a more advanced level. Students will learn anatomical sculpting techniques in clay and create a large-scale sculpture using cardboard.

*Prerequisites: Passed Intro 3D Art or Ceramics I with B- or above*

*Teacher recommendation and signature required, a portfolio may be required*

## PAINTING I (Grades 9, 10, 11, 12) 1 Semester

This is a one semester course specifically focused on the mediums and techniques of painting for the beginner. Students will learn the basics of painting with the following media: watercolor, acrylic, and oil paint and explore contemporary painting techniques.

## PAINTING II (Grades 9, 10, 11, 12) 1 Semester

This is a one semester course specifically focused on the mediums and techniques of painting. In this advanced level course students will continue to focus on gaining painting expertise with a variety of painting media and styles. Students will focus on developing paintings that reflect personal interests and create a portfolio of paintings that can be used for collegiate application or for submission to nationwide competition. Production, aesthetics, art history and class critique are integral parts of this course.

## PAINTING III (Grades 10, 11, 12) 1 Semester

This is a one semester course specifically focused on the mediums and techniques of painting. In this advanced level course students will continue to focus on gaining painting expertise with a variety of painting media and styles. Students will focus on developing a portfolio of paintings that are thematically aligned. This portfolio of paintings can be used for collegiate application or for submission to nationwide competition. Production, aesthetics, art history, and class critique are integral parts of this course.

*Prerequisites: Passed Painting II with a B- or above*

*Teacher recommendation and signature required, a portfolio may be required*

## **PAINTING IV (Grades 11, 12) 1 Semester**

This is a one semester course specifically focused on the mediums and techniques of painting. In this advanced level course students will continue to focus on gaining painting expertise with a variety of painting media and styles. The history of painting will be explored. Students will focus on developing a portfolio of paintings based upon independent interests. This portfolio of paintings can be used for collegiate application or for submission to nationwide competition. Production, aesthetics, art history, and class critique are integral parts of this course.

*Prerequisites: Passed Painting III with a B- or above*

*Teacher recommendation and signature required, a portfolio may be required*

## **DRAWING I (Grades 9, 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on the mediums and techniques of drawing for the beginner. Students will learn the basics of drawing with the following media: graphite, charcoal, colored pencil, and ink.

## **DRAWING II (Grades 9, 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on the mediums and techniques of drawing. In this advanced level course students will continue to focus on gaining drawing expertise with a variety of drawing media and styles. Students will focus on developing drawings that reflect personal interests and create a portfolio of paintings that can be used for collegiate application or for submission to nationwide competition. Production, aesthetics, art history, and class critique are integral parts of this course.

## **DRAWING III (Grades 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on the mediums and techniques of drawing. In this advanced level course students will continue to focus on gaining drawing expertise with a variety of drawing media and styles. Students will focus on developing a portfolio of drawings that are thematically aligned. This portfolio of drawings can be used for collegiate application or for submission to nationwide competition. Production, aesthetics, art history, and class critique are integral parts of this course.

*Prerequisites: Passed Drawing II with a B- or above*

*Teacher recommendation and signature required, a portfolio may be required*

## **DRAWING IV (Grades 10, 11, 12) 1 Semester**

Students will complete projects aligned with college portfolio requirements. Realistic rendering from still-life set-ups, anatomical study, figurative drawing and historical aspects of drawing are the focus areas of this course. **NOTE: In order to complete this course, anatomy drawings will be completed as homework.**

*Prerequisites: Passed Drawing III with a B- or above*

*Teacher recommendation and signature required, a portfolio may be required*

## **DIGITAL DESIGN I (Grades 9, 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on learning both Photoshop and Illustrator software. Students will learn the basics of design and layout while using the software. Graphic design, digital manipulation, and marketing using the software will be covered.

## **DIGITAL DESIGN II (Grades 9, 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on the video editing software of Adobe® Premiere and After Effects. This course revolves around the study of film, how it is assembled into a final product, and multiple components that come together for a final piece. These projects will support the development of a motion graphics portfolio that can be used for collegiate application or for submission to nationwide competition. Production, aesthetics, art history, and class critique are integral parts of this course.

### **DIGITAL DESIGN III (Grades 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on using advanced tools in Adobe® Photoshop, Illustrator, and InDesign to make detailed graphic layouts. Production includes: Magazine, Newsletter, AD Design, and Poster layouts. These projects will support the development of a graphics portfolio that can be used for collegiate application or for submission to nationwide competition. Production, aesthetics, art history, and class critique are integral parts of this course.

*Prerequisites: Passed Digital Design II with a B- or above*

*Teacher recommendation and signature required, a portfolio may be required*

### **DIGITAL DESIGN IV (Grades 11, 12) 1 Semester**

This is a one semester course specifically focused on the software and techniques of Digital Design. In this advanced level course students will continue to focus on their graphic expertise with a variety of software along with use of film, traditional media and styles. The history of graphics and advertising will be explored. Students will focus on developing a portfolio of digital and mixed media work based upon independent interests. This portfolio can be used for collegiate application or for submission to nationwide competition. Production, aesthetics, design history, and class critique are integral parts of this course.

*Prerequisites: Passed Digital Design III with a B- or above*

*Teacher recommendation and signature required, a portfolio may be required*

### **PHOTOGRAPHY I (Grades 9, 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on learning Adobe® Photoshop basics, the digital camera, and compositional layout of a photo. **NOTE: Students must have a DSLR camera to take this course. If you are unsure what this is please contact one of the teachers in the art department.**

### **PHOTOGRAPHY II (Grades 9, 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on using advanced tools in Adobe® Photoshop with the digital camera. Heavy digital manipulation in Photoshop will be covered along with detailed camera settings. These projects will support the development of a photography portfolio that can be used for collegiate application or for submission to nationwide competition. Production, aesthetics, art history in relation to photography, and class critique are integral parts of this course. **NOTE: Students must have a DSLR camera to take this course. If you are unsure what this is please contact one of the teachers in the art department.**

### **PHOTOGRAPHY III (Grades 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on using advanced tools in Adobe® Photoshop with heavy manipulation using the digital camera. Using an advanced understanding of Photoshop and the camera, students will produce theme based projects. These projects will support the development of a photography portfolio that can be used for collegiate application or for submission to nationwide competition. Production, aesthetics, art history in relation to photography, and class critique are integral parts of this course. **NOTE: Students must have a DSLR camera to take this course. If you are unsure what this is please contact one of the teachers in the art department.**

*Prerequisites: Passed Photography II with a B- or above*

*Teacher recommendation and signature required, a portfolio may be required*

### **PHOTOGRAPHY IV (Grades 11, 12) 1 Semester**

This is a one semester course specifically focused on the software and camera techniques of Photography. In this advanced level course, students will continue to focus on their photographic expertise with a variety of software along with traditional media and styles. Theme based work set by the student themselves is a requirement. Students will focus on developing a portfolio of digital photography and mixed media work based upon independent interests. This portfolio can be used for collegiate application or for submission to nationwide competition. Production, aesthetics, photography history, and class critique are integral parts of this course. **NOTE: Students must have a DSLR camera to take this course. If you are unsure what this is please contact one of the teachers in the art department.**

*Prerequisites: Passed Photography III with a B- or above*

*Teacher recommendation and signature required, a portfolio may be required*

## **CERAMICS I (Grades 9, 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on hand-building techniques in clay and the process of ceramic construction for the beginner. Students will learn coil extruding, slab building, glazing, and firing techniques.

## **CERAMICS II (Grades 9, 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on learning and being introduced to the wheel process. Production includes: Cylinders, mugs, and bowls. Students also learn glazing and firing techniques. These projects will support the development of a ceramic portfolio that can be used for collegiate application or for submission to nationwide competition. Production, aesthetics, art history, and class critique are integral parts of this course.

## **CERAMICS III (Grades 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on the advanced techniques on the wheel. This course revolves around the refinement of wheel techniques along with sets of multiple pieces. Students also learn glazing and firing techniques. These projects will support the development of a ceramic portfolio that can be used for collegiate application or for submission to nationwide competition. Production, aesthetics, art history, and class critique are integral parts of this course.

*Prerequisites: Passed Ceramics II with a B- or above*

*Teacher recommendation and signature required, a portfolio may be required*

## **CERAMICS IV (Grades 11, 12) 1 Semester**

This is a one semester course specifically focused on the advanced and personal techniques in both hand-building, wheel throwing, glazing and firing techniques. In this advanced level course students will continue to focus on their theme based work in both techniques to create their own style of pottery. The history of ceramics will be focused on. Students will focus on developing a portfolio of ceramic work based upon independent interests. This portfolio can be used for collegiate application or for submission to nationwide competition. Production, aesthetics, design history, and class critique are integral parts of this course.

*Prerequisites: Passed Ceramics III with a B- or above*

*Teacher recommendation and signature required, a portfolio may be required*

The Business Department of Bishop Dwenger offers a variety of courses to meet the needs of today's business oriented students. The courses offered provide the opportunity for students to gain beneficial skills that can be used while pursuing their high school careers and also provides valuable knowledge that can be used in their field of choice after graduation.

## AVAILABLE COURSES BY GRADE

### Grade 10 - 12

Introduction to Business  
Principles of Marketing I  
Principles of Marketing II  
Personal Financial Responsibility  
CINS 101 Intro to Microcomputers  
Introduction to Computer Science

### Grades 11 - 12

Accounting  
CS 11200 Computer Science for Everyone  
BUSN 101 Introduction to Business

### Grade 12

Work Based Learning

## PERSONAL FINANCIAL RESPONSIBILITY (Grades 10, 11, 12) 1 Semester

Personal Finance focuses on personal financial planning. The content includes financial planning, income and asset protection, income and money management, and spending and credit management. Students will learn the financial concepts and principles that provide a basis for avoiding financial pitfalls. This course prepares students for the roles and responsibilities of being consumers, producers, entrepreneurs, and citizens. Instructional strategies may include simulations, guest speakers, tours, internet research, and business experiences. **NOTE: This course is required for all students.**

## INTRODUCTION TO BUSINESS (Grades 10, 11, 12) 1 Semester

Introduction to Business is the introductory business course that provides the framework for future business courses. This core course acquaints students with business communications, management, marketing, entrepreneurship, and business careers. The application and importance of business etiquette and ethics will be introduced. Instructional strategies may include projects, teacher demonstrations, team building activities, and opportunities to hear from business professionals.

## IVY TECH BUSN 101 INTRODUCTION TO BUSINESS (DUAL CREDIT)

### **BD Course Title: Principles of Business Management (Grades 11, 12) 1 Semester**

BUSN 101 Introduction to Business introduces students to the world of business, including the concepts, functions, and skills required for meeting the challenges of operating a business in the twenty-first century on a local, national, and international scale. The course examines the American business system in relation to the economic society, business ownership, organization principles and problems, management, control facilities, administration, and development practices of American business enterprises. Students will complete a small business plan. **NOTES: 1) It is the student's responsibility to verify that their intended college will accept the dual credit. 2) If a student is not eligible for the Ivy Tech dual credit, the BD course title will be Principles of Business Management.**

*Prerequisites: A cumulative GPA of 2.6 or higher per Ivy Tech, dual credit will only be earned if a student has a GPA of 2.6 by the end of their sophomore year or standardized test score requirements are met: PSAT Evidence-based Reading and Writing must be a 430 or higher; or, SAT Evidence-based Reading and Writing must be a 460 or higher; or, ACT Reading must be an 18 or higher and Writing a 17 or higher Completed Introduction to Business or teacher recommendation required*

## PRINCIPLES OF MARKETING I & II (Grades 10, 11, 12) 1 Semester

Principles of Marketing provides a basic introduction to the scope and importance of marketing in the global economy. This course is based upon the Marketing Education Framework which includes business, management, and entrepreneurship; communication and interpersonal skills, economics; and professional development foundations. Emphasis will be placed on both oral and written communications, mathematical applications, problem solving, and critical thinking skills as they relate to distribution, financing, information management, pricing, product service management, promotion, and selling. **NOTE: This course is a one or two semester course. Marketing I must be taken before Marketing II, but does not need to be taken in consecutive semesters.**

## ACCOUNTING (Grades 11 & 12) 2 Semesters

Accounting I is a beginning level business finance course that introduces generally accepted principles of accounting (GAAP) and procedures for proprietorships and partnerships using double-entry accounting. Emphasis will be placed on accounting principles as they relate to both manual and automated financial systems. This course will involve analyzing and recording business transactions and preparing, analyzing, and interpreting financial reports as a basis for decision making. Instructional strategies may include the use of computers, projects, simulations, and real world experiences to apply accounting theories and principles.

## IVY TECH CINS 101 INTRODUCTION TO MICROCOMPUTERS (DUAL CREDIT)

**BD Course Title: Digital Applications and Responsibility (Grades 10, 11, 12) 1 Semester**

This dual credit course is accredited through Ivy Tech Community College. Introduction to Microcomputers introduces students to the physical components and operation of computers. Technology is used to build students' decision-making and problem-solving skills. Applications used include: Microsoft Office Word®, PowerPoint, Excel, Access, and Outlook.

**NOTES: 1) It is the student's responsibility to verify that their intended college will accept the dual credit. 2) If a student is not eligible for the Ivy Tech dual credit, the BD course title will be Digital Applications and Responsibility.**

*Prerequisites: A cumulative GPA of 2.6 or higher, dual credit will only be earned if a student has a GPA of 2.6 by the end of their sophomore year or standardized test score requirements are met: PSAT Evidence-based Reading and Writing must be a 430 or higher; or, SAT Evidence-based Reading and Writing must be a 460 or higher; or, ACT Reading must be an 18 or higher and Writing a 17 or higher*

## INTRODUCTION TO COMPUTER SCIENCE (Grades 10, 11, 12) 1 Semester

This course is designed for students interested in computing and will examine the fundamental ideas of the science of computing. No prior programming experience is assumed. Students will learn a variety of topics and languages (Python, XHTML). Lectures and hands-on assignments covering a wide variety of topics are the basis of the class.

## PURDUE FW CS 11200 COMPUTER SCIENCE FOR EVERYONE (DUAL CREDIT)

**BD Course Title: Computer Science I (Grades 11, 12) 1 Semester**

This course is designed to provide a broad and realistic idea of what computer professionals do and how they do it. It will prepare students for individual and team hands-on lab experiences with web design, markup languages (HTML), and scripting languages. Students will be introduced to various professional opportunities and work environments. Current topics in computer science as they relate to society will be covered. Students will gain sufficient programming experience to enable a smooth transition to CS 16000 Introduction to Computer Science I at Purdue Fort Wayne.

**NOTES: 1) Acceptance into Purdue Fort Wayne's Collegiate Connection is required along with the approximate course fee of \$75. 2) It is the student's responsibility to verify that their intended college will accept the dual credit. 3) If a student is not eligible for the Purdue Fort Wayne dual credit, the BD course title will be Computer Science I.**

*Prerequisites: A cumulative GPA of 3.0 or higher per PFW  
Complete Introduction to Computer Science  
Teacher recommendation required*

## WORK BASED LEARNING (Grade 12) 1 or 2 Semesters

In this course, students have the opportunity to apply concepts and skills learned in previous coursework to real world business and industry settings. Students will be placed into a Work Based Learning (WBL) module depending on a student's career objective. Students will need to meet the required amount of classroom time and hours of work experience depending on the module they are placed into. Classroom topics will include: Personal Evaluation, Ethics, Workplace Safety, School to Work Transition, and Career Portfolio.

*Prerequisites: Application approval required  
If a student receives below a C- at the semester, the student may be removed from the program  
Job placement must be approved by the WBL teacher; Prohibited field: Fast Food  
Place of employment must be secured by August 1<sup>st</sup>*

Bishop Dwenger graduates have always been required to take four years of English, and the State of Indiana requires this of all students as well. Many of our graduates choose to take even more English than the four-year requirement. This is true because Bishop Dwenger has always recognized the importance of grammar, writing, oral expression, reading, and interpreting literature. The English Department offers many different selections.

**Grade 9**

English 9 Honors  
English 9 Academic  
English 9

**Grade 10**

American Literature Honors  
American Literature Academic  
American Literature

**Grade 11**

AP English Lit/Comp  
English Literature Honors  
English Literature Academic  
English Literature

**Grade 12 Options**

AP English Lang/Comp  
ENGL 13100 Read, Writ, & Inq I  
Advanced Composition  
Expository Writing  
Creative Writing  
Dramatic Literature  
Etymology

Speech  
Advanced Speech & Comm  
World Literature  
20<sup>th</sup> Century Literature  
Film Literature  
Digital Media  
CCR Bridge: Literacy Ready

**Elective**

Student Media

**ENGLISH 9 HONORS (Grade 9) 2 Semesters**

This course is designed for the student who responds to a challenge. During the first semester, students will review the elements of grammar. The second semester will be an introduction to three genres of literature: novel, drama, and short story. Both semesters will focus on vocabulary, speaking skills, and composition. Weekly word lists will be given to the students with comprehensive tests at the end of each semester. Composition skills include different types of paragraphs, essay question writing, and multi-paragraph themes. All students will complete a multi-step expository research paper. **NOTES: 1) Any student who does not complete all steps of the research paper will receive a grade of “F” and no credit for the semester. 2) Students must earn at least a 83% each semester to remain in the English honors program.**

*Prerequisites: 8<sup>th</sup> grade placement exam  
Teacher recommendation*

**ENGLISH 9 ACADEMIC (Grade 9) 2 Semesters**

This college preparatory course provides instructions in grammar, vocabulary, speech, and composition. Students will study parts of speech, sentence structure, usage, and punctuation. Weekly vocabulary lists with a variety of usage exercises will be required. Students will participate in class discussion, oral reports, and formal speeches. Paragraph writing skills will be developed with an emphasis on topic sentences, elements of supports and transitions. Students will be introduced to literary studies with the reading of Romeo and Juliet. All students will complete a multi-step expository research paper. **NOTE: Any student who does not complete all steps of the research paper will receive a grade of “F” and no credit for the semester.**

*Prerequisites: 8<sup>th</sup> grade placement exam  
Teacher recommendation*

## ENGLISH 9 (Grade 9) 2 Semesters

This class provides more intensive instruction in the areas of grammar, vocabulary, spelling, and reading. Students will be thoroughly taught the parts of speech, elements of sentence structure and usage. Class exercises and homework assignments will reinforce lessons presented. Reading comprehension will also be stressed and developed. Students will be given as much personal attention and assistance as possible. Students will be guided through the steps of writing an expository research paper. **NOTE: Any student who does not complete all steps of the research paper will receive a grade of "F" and no credit for the semester.**

*Placement criteria: Reading level is below grade level*

*Student has experienced previous difficulty in Language Arts classes*

*Student would benefit from small class size with reinforcement and drilling of course material*

*Teacher recommendation or parent request required*

## AMERICAN LITERATURE HONORS (Grade 10) 2 Semesters

This college preparatory course covers major American writers, their literary works and techniques from 1607 to present, and emphasizes major movements and philosophical schools of thought. Why should you want to study American Literature? The study of literature allows people to develop new ideas and ethical standpoints and can help individuals present themselves as educated members of society. Literature is important in everyday life because it connects individuals with larger truths and ideas in a society, encompassing an understanding of it. Literature cannot in itself make us a better person, but it can assist us in that quest. Wisdom can be defined as a skill in living, and by examining literary texts, their stories, and their messages, we can increase in our understanding of how to live life. Lastly, the study of literature is also important because it, at its most basic, improves reading skills. From involved reading of quality literature, a student develops their writing skills, as the two go hand in hand (the best writers are avid readers, typically). Be prepared for engaging discussions that will provide opportunities for challenging critical thinking as well as the development of strong MLA required writing skills, which will be essential for the research paper. **NOTES: 1) Any student who does not complete all steps of the research paper will receive a grade of "F" and no credit for the semester. 2) Students must earn at least a 83% each semester to remain in the English honors program.**

*Prerequisite: Teacher recommendation required*

## AMERICAN LITERATURE ACADEMIC (Grade 10) 2 Semesters

This college preparatory course covers major American writers, their literary works and techniques from 1607 to present, and emphasizes major movements and philosophical schools of thought. Why should you want to study American Literature? The study of literature allows people to develop new ideas and ethical standpoints and can help individuals present themselves as educated members of society. Literature is important in everyday life because it connects individuals with larger truths and ideas in a society, encompassing an understanding of it. Literature cannot in itself make us a better person, but it can assist us in that quest. Wisdom can be defined as a skill in living, and by examining literary texts, their stories, and their messages, we can increase in our understanding of how to live life. Lastly, the study of literature is also important because it, at its most basic, improves reading skills. From involved reading of quality literature, a student develops their writing skills, as the two go hand in hand (the best writers are avid readers, typically). Be prepared for engaging discussions that will provide opportunities for challenging critical thinking as well as the development of strong MLA required writing skills, which will be essential for the research paper. **NOTE: Any student who does not complete all steps of the research paper will receive a grade of "F" and no credit for the semester.**

## AMERICAN LITERATURE (Grade 10) 2 Semesters

This course introduces students to major American authors, their backgrounds, and their writings. Students will be given personal attention in the development of their reading and writing skills. Grammar skills will be reviewed and reinforced. All students will complete a multi-step expository research paper. **NOTE: Any student who does not complete all steps of the research paper will receive a grade of "F" and no credit for the semester.**

*Placement Criteria: Knowledge of grammar remains limited*

*Reading skill is below grade level*

*Student requires individual attention on a regular basis*

*Teacher recommendation or parent request required*

## AP ENGLISH LITERATURE & COMPOSITION (Grade 11) 2 Semesters

The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and purpose. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. Student should be active participants and read at an advanced level. Students must be versed in the conventions of Standard Written English. Students will culminate their studies with the Advanced Placement exam in Literature to earn college credit.

*Prerequisites: Qualify for Honors Program*

*Department recommendation*

*Students may not withdraw from this class at semester unless their grade is lower than a C-*

*Daily estimated time outside of class: 30 minutes*

## ENGLISH LITERATURE HONORS (Grade 11) 2 Semesters

English Literature Honors provides a more challenging curriculum for academically advanced students who are self-directed and reflective learners. Students will study literature, informational texts, vocabulary, composition, grammar, and research. Reading and writing units focus on critical thinking and literary analysis in addition to reading comprehension, literary techniques, and literary elements. Works studied will be great pieces of Western Civilization with a special focus on the great British Traditions. *Beowulf*, Chaucer, Shakespeare, Lewis, Southwell, Orwell, and Huxley engage students in the big ideas throughout the centuries with a special focus on Catholic patronage so integral to British culture and literature. Students will improve their composition and research skills with a focus on critical thinking, mechanics, writing style, and documentation (MLA format).

*Prerequisite: Teacher recommendation required*

## ENGLISH LITERATURE ACADEMIC (Grade 11) 2 Semesters

This college preparatory course is a survey of British Literature from the Anglo-Saxon period through the present. Historical background and literary themes and techniques associated with each period will be covered. Additional novels (such as *1984* and *Lord of the Flies*), dramas, and poetry will supplement the text. Oral reports and formal speeches are also required. Weekly vocabulary lists, assignments, quizzes, and tests are also given. Continued emphasis on writing concise, informative, essay answers, and longer themes will be stressed. All students will complete a multi-step research paper. **NOTE: Any student who does not complete all steps of the research paper will receive a grade of "F" and no credit for the semester.**

## ENGLISH LITERATURE (Grade 11) 2 Semesters

Selected readings from major British authors are presented to students. Reading comprehension and clear composition skills are stressed. Small class size provides for individual attention and assistance to students. All students will complete a multi-step expository research paper. **NOTE: Any student who does not complete all steps of the research paper will receive a grade of "F" and no credit for the semester.**

*Placement Criteria: Reading comprehension below grade level*

*Composition skills are limited*

*Student requires guided assistance to achieve success*

*Teacher recommendation or parent request required*

## AP ENGLISH LANGUAGE & COMPOSITION (Grade 12) 2 Semesters

AP Language & Composition is a college-level course that follows the College Board Entrance Examination guidelines for Advanced Placement English. Writing skills will be elevated through a variety of assignments that will include a college application essay, in-class timed writing prompts and exams, typed responses to nonfiction readings, and multi-draft papers (a memoir and an argumentative research paper). Students will also read a wide variety of authors and nonfiction literature and will have the opportunity to participate fully in engaging class discussions/seminars. Finally, upon completion of the course, students will take the nation-wide AP Language and Composition Exam in order to earn college credit. **NOTE: This class will PREPARE students for writing in ANY major attempted at the college level. It will also emphasize critical thinking, writing, and presentation skills relevant to a student's future, not only as a college student, but also in their future career.**

*Prerequisites: Qualify for Honors Program*

*Department recommendation*

*Students may not withdraw from this class at semester unless their grade is lower than a C-*

*Daily estimated time outside of class: 1 hour*

## PURDUE FW ENGL 13100 READING, WRITING, & INQUIRY I (DUAL CREDIT)

### **BD Course Title: Advanced Composition (Grade 12) 1 Semester**

This dual credit course is accredited through Purdue University Fort Wayne. ENGL 13100 is a three-hour credit college course; moreover, a Bishop Dwenger English credit is also earned through this course. This composition course involves the elements of process writing including selecting and researching topics, critically reading sources and articles, constructing outlines, revising drafts, and reflecting on the process. Students will compose six major essays consisting of 18-22 pages of polished writing. The course level requires that students are proficient with the basics of writing and language. All major assignments must be completed for a passing grade. **NOTES: 1) Acceptance into Purdue Fort Wayne's Collegiate Connection is required along with the approximate course fee of \$75. 2) It is the student's responsibility to verify that their intended college will accept the dual credit. 3) If a student opts out of the dual credit, the BD course title will be Advanced Composition.**

*Prerequisites: A cumulative GPA of 3.0 or higher per PFW*

**Honors Students** - *Qualify for the English Honors Program and teacher recommendation*

**Academic Students** - *Earned a B+ or higher in Expository Writing; Expository Writing teacher recommendation based on the following: 1) No attendance or tardy issues; 2) No late or missing work; 3) Strong ability to follow directions; 4) Strong inferential and analytical skills; 5) Attentive and participative in class; 6) Proper use of class time especially computer time; 7) Mastery of 5 paragraph essay structure; 8) Grammatically and mechanically competent; 9) No issues of plagiarism*

## **EXPOSITORY WRITING (Grades 11, 12) 1 Semester**

This college preparatory course concentrates on clear, concise, oral and written communication. This method of organizing ideas is the one most often used in college. Students will learn coherent paragraph writing and will compose six major essays, including an 8-10 page argumentative research paper, rhetorically analytical writing, personal narratives, and multiple in-class assignments. Additionally, students are required to do group projects, oral presentations, and keep a writer's portfolio. Reading requirements will be established by the teacher. This course is strongly recommended for all college-bound students. This course also serves as an excellent preparation of Advanced Composition or Purdue FW ENGL 13100. **NOTE: Any student who does not complete all steps of the research paper will receive a grade of "F" and receive no credit for the semester.**

## **CREATIVE WRITING (Grades 11, 12) 1 Semester**

Creative writing focuses on the process of writing in a variety of literary forms which include skills of description, narration, and the use of both dramatic and poetic techniques. Students will be introduced to the working techniques of professional writers, will study writing markets, and will learn how to submit a manuscript for publication. Students should possess competent grammar, spelling, and punctuation skills. Students should also expect to participate in all stages of writing which include pre-writing, rough drafting, revision, and final editing. In addition, students should expect to write daily, participate in interpretive and dramatic presentations, literary analysis, and group activities.

## **WORLD LITERATURE (Grade 12) 1 Semester**

This college preparatory course is a broad survey of World Literature presented chronologically. It focuses on Greek and Latin epics, lyric poetry, and drama; Medieval romances and epics; Renaissance drama; French and Russian Romantics and Realists. This class provides challenging reading material, thorough class discussion, and comprehensive tests and compositions. Literary analysis, creative writing projects, and oral presentations are required.

## **TWENTIETH CENTURY LITERATURE (Grade 12) 1 Semester**

This course covers literature from 1900 to the present. Novels, short works of fiction, and nonfiction, drama, and poetry will be studied. Critical reading, concise and clear speaking, and analytical writing skills will be emphasized in the study of literature. Short papers, oral presentations, tests, and creative projects will be assigned. This course provides excellent preparation for college-level reading, writing, and speaking requirements.

## **SPEECH I (Grades 10, 11, 12) 1 Semester**

This course introduces students to public speaking by focusing on intrapersonal and interpersonal skills. Student will learn techniques for confidence-building in order to perform in front of an audience. Specific writing techniques will be addressed, along with building research resources, and developing better planning skills in order to address and adapt to different audiences. They will apply these skills to several speeches including informative, sales pitch, how to, and debate, among others.

## **ADVANCED SPEECH AND COMMUNICATION (Grades 11, 12) 1 Semester**

This course is an extension of Speech I with emphasis on perfecting speeches for audiences and applying critical thinking to debate, persuasion, and informative speaking. Students will present dramatic monologues and perform famous speeches from history. This course will prepare students for various formal public speaking opportunities.

*Prerequisite: Teacher recommendation required*

## **DRAMATIC LITERATURE (Grades 11, 12) 1 Semester**

This course will focus on the reading, analyzing, and production of drama. Students will read and evaluate in discussion and on written tests an assortment of plays from Greek times to contemporary theater. Students will study the elements and techniques of the drama genre. Students will be introduced to different genres within the drama area (musicals, opera, comedy, and drama) through the use of film and print resources.

## **ETYMOLOGY (Grades 10, 11, 12) 1 Semester**

Etymology is the study and application of the derivation of English words and word families from their roots in ancient and modern languages. Students analyze meanings of English words by examining roots, prefixes, and suffixes. Students analyze the connotative and denotative meaning of words in a variety of contexts and the reasons for language change. Students complete a research project about Gods/Godesses.

## **FILM LITERATURE (Grades 11, 12) 1 Semester**

Film Literature is a study of how literature is adapted for film or media and includes role playing as film directors for selected screen scenes. Students read about the history of film, the reflection of influence of film on the culture, and issue of interpretation, production, and adaptation. Students examine the visual interpretation of literary techniques and auditory language in film and the limitations or special capacities of film versus text to present a literary work. Students analyze how films portray the human condition and the roles of men and women and the various ethnic or cultural minorities in the past and present.

## **CCR BRIDGE: LITERACY READY (Grade 12) 2 Semesters**

CCR Bridge: Literacy Ready is a course designed to help students master literacy skills in core subject areas. The content of the course is divided into six units: two history, two English, and two Science. Literacy skills are emphasized through reading and writing assignments. Students focus on understanding how to read and interpret texts. Students in this course want to be college bound, but are still working on fulfilling that goal.

*Prerequisites: Students who have not passed standardized assessments  
Teacher recommendation required*

## **DIGITAL MEDIA Formerly Titled Mass Media (Grades 10, 11, 12) 1 Semester**

Digital Media is the study and evaluation of the major media of our American culture: newspaper, films, books, magazines, television, radio, and advertising. Students will pay particular attention to the impact that the various media have on our values, political views, and buying habits. Students will participate in a variety of assessments: class discussions and debates, short papers, quizzes, tests, oral presentations, and creative projects.

## **STUDENT MEDIA (Grades 10, 11, 12) 2 Semesters**

Student Media is the study of Journalism. Students demonstrate their ability to do journalistic writing and design for high school media, including newspapers, yearbooks, and a variety of other media formats. Students follow the ethical principles and legal boundaries that guide scholastic journalism. Students express work on high school media staffs so that they may prepare themselves for career paths in journalism, communications, writing, or related fields. Students in this course will participate in the publication of the school newspaper and yearbook. **NOTES: 1) This course does not count towards the 8 English credits required for all diploma types. 2) This course fulfills a Fine Arts credit for the Core 40 with Academic Honors Diploma.**

College-bound students are strongly encouraged to complete four years of math while in high school. Students who have completed Algebra I in the middle school and pass the placement exam take Geometry Honors or Geometry as a freshman. Most classes are mixed grade level.

**All math courses must be taken at Bishop Dwenger during the school year.** Please note that students cannot take a math course during summer school or online to advance to the next level; summer school math is for credit recovery only.

### PROGRESSION IN MATHEMATICS COURSES

Freshman	Sophomore	Junior	Senior
Algebra I	Math 10	Geometry	Algebra II
Algebra I Academic	Geometry Academic	Algebra II Academic	Trig/PreCalc Academic
Algebra I Academic	Geometry Honors	Algebra II Honors	PreCalc/Trig Honors
Geometry Academic	Algebra II Academic	Trig/PreCalc Academic	Finite or Calculus
Geometry Academic	Algebra II Honors	PreCalc/Trig Honors	Finite, Calculus, AP Calc AB, AP Calc BC, or AP Statistics
Geometry Honors	Algebra II Honors	PreCalc/Trig Honors	Calculus, AP Calc AB, AP Calc BC, or AP Statistics
Algebra II Honors	PreCalc/Trig Honors	AP Calc AB or AP Calc BC	AP Statistics PFW Calculus

### ALGEBRA I ACADEMIC (Grades 9, 10) 2 Semesters

This course is the standard beginning course in Algebra. Content includes a study of properties of rational and real numbers, solutions of equations and inequalities, polynomials, and rational expressions and proportions. Irrational numbers and solutions of quadratic equations are covered.

*Prerequisites: Passed 8<sup>th</sup> grade Math or 8<sup>th</sup> grade Pre-Algebra with a C or above  
Daily estimated time outside of class: 30 minutes*

### ALGEBRA I (Grades 9, 10) 2 Semesters

This course is the lower level beginning course in Algebra. Content includes a study of properties of rational and real numbers, solutions of equations and inequalities, polynomials, and rational expressions and proportions. Irrational numbers and solutions of quadratic equations are covered.

*Prerequisite: Teacher recommendation, parent consent required*

### MATH 10 (Grade 10) 2 Semesters

Math 10 is a course designed to reinforce the Algebra 1 and 7<sup>th</sup> and 8<sup>th</sup> grade Geometry knowledge and skills necessary for students to successfully complete high school mathematics courses beyond Algebra I. Enrollment will be contingent upon recommendation of the Algebra I teacher based on performance in Algebra I. A variety of instructional methods designed to meet individual students' needs will be used.

*Prerequisites: Students who have attempted a complete year of Algebra I  
Recommendation of the Algebra I teacher and Special Ed program coordinator*

## **GEOMETRY HONORS (Grades 9, 10) 2 Semesters**

This course is designed for those students who were successful in Algebra and who desire to study Geometry in greater depth. It is an enriched and accelerated course which includes all the content of Academic Geometry. Greater emphasis will be given to logic and the nature of proofs with increased attention to rigor. Students are expected to have a command of the skills learned in Algebra and will be required to use them.

*Prerequisites: Algebra I*

*Qualify for the Honors Program*

*Placement exam (incoming freshman)*

*Daily estimated time outside of class: 45 mins.*

## **GEOMETRY ACADEMIC (Grades 9, 10, 11, 12) 2 Semesters**

This course is designed to meet the needs of the average or above average math students. In Geometry, students will develop reasoning and problem solving skills as they study topics such as congruence and similarity, apply properties of lines, triangles, quadrilaterals, and circles, and perform transformations.

*Prerequisites: Passed Algebra I and placement exam (incoming freshman)*

*Daily estimated time outside of class: 30 mins.*

## **GEOMETRY (Grades 9, 10, 11, 12) 2 Semesters**

This course is a simplified course in plane Geometry. In Geometry, students will develop reasoning and problem solving skills as they study topics such as congruence and similarity, apply properties of lines, triangles, quadrilaterals, and circles, and perform transformations.

*Prerequisite: Teacher recommendation, parent consent required*

## **ALGEBRA II HONORS (Grades 10, 11, 12) 2 Semesters**

This is an accelerated and enriched course which includes all the content of Algebra II as well as Trigonometry. Trigonometry studies both from the right triangle approach and the circular function approach with identities and equation solving.

*Prerequisites: Qualify for the Honors Program*

*Daily estimated time outside of class: 45 mins.*

## **ALGEBRA II ACADEMIC (Grades 10, 11, 12) 2 Semesters**

This course continues and extends topics of Algebra I Academic and introduces new topics of logarithms, polynomial functions, and complex numbers. Increased emphasis is placed on the concept of function, the use of the properties of real numbers in proofs, quadratic equations including the quadratic formula, and irrational numbers and radicals. Verbal problems are stressed in the course.

*Prerequisites: Algebra I, Geometry*

*Daily estimated time outside of class: 30 mins.*

## **ALGEBRA II (Grades 10, 11, 12) 2 Semesters**

This is a lower level course that continues and extends topics of Algebra I and introduces new topics of logarithms, polynomial functions, and complex numbers. Increased emphasis is placed on the concept of function, the use of the properties of real numbers in proofs, quadratic equations including the quadratic formula, and irrational numbers and radicals. Verbal problems are stressed in the course.

*Prerequisite: Teacher recommendation, parent consent required*

## **PRE-CALCULUS/TRIGONOMETRY HONORS (Grades 11, 12) 2 Semesters**

This course begins with coordinate Geometry, polynomials, and then into the inequalities. A careful presentation of the notion of function is developed. The algebra of functions is discussed and exponential, logarithmic, and the trigonometric functions are discussed in detail.

*Prerequisites: Qualify for the Honors Program  
Department recommendation  
Daily estimated time outside of class: 1 hour*

## **TRIGONOMETRY/PRE-CALCULUS ACADEMIC (Grades 11, 12) 2 Semesters**

This course is a full year course using an elementary approach to the subject of elementary functions involving the polynomial, exponential, and logarithmic functions. Trigonometry is integrated into this course. The Trigonometry is studied both from the unit circle and the right triangle approach.

*Prerequisites: Passed Algebra I, Geometry, and Algebra II with a C average  
Daily estimated time outside of class: 30 mins.*

## **TRIGONOMETRY/PRE-CALCULUS (Grades 11, 12) 2 Semesters**

This course is a full year course starting with reinforcement of Algebra II skills using an elementary approach to the subject of elementary functions involving the polynomial, exponential, and logarithmic functions. Trigonometry is integrated into this course. The Trigonometry is studied both from the unit circle and the right triangle approach.

*Prerequisites: Passed Algebra I, Geometry, and Algebra II  
Teacher recommendation required  
Daily estimated time outside of class: 30 mins.*

## **FINITE MATHEMATICS (Grade 12) 2 Semesters**

This course is for the college bound student. One semester will be Discrete Mathematics, and one semester will be Probability and Statistics. The Discrete semester will include matrices, graph theory, social choice, and recursion. The Probability and Statistics semester will include descriptive statistics, probability, and statistical inference. The student will be taught how to make connections to other disciplines. The basic premise of the course is to teach problem solving techniques.

*Prerequisites: Qualify for the Honors Program or C in Trigonometry  
Department recommendation  
Daily estimated time outside of class: 30 mins.*

## **CALCULUS (Grades 11, 12) 2 Semesters**

Calculus expands a student's knowledge of topics like functions, graphs, limits, derivatives, and integrals. Additionally, students will review algebra functions, modeling, trigonometry, etc. Calculus is made up of five strands: Limits and Continuity; Differentiation, Applications of Derivatives, Integrals, and Applications of Integrals. The eight Process Standards for Mathematics apply throughout the course. Together with the Content Standards, the Process Standards prescribe that students experience mathematics as a coherent, useful and logical subject that makes use of their ability to make sense of problem situations.

*Prerequisites: Qualify for the Honors Program or earned an A in Trigonometry  
Pre-Calculus/Trigonometry Honors or Trigonometry/Pre-Calculus Academic  
Class participation and homework will be considered  
Department and teacher recommendation required  
Daily estimated time outside of class: 45 mins.*

## **AP STATISTICS (Grades 11, 12) 2 Semesters**

The purpose of the Advanced Placement course in statistics is to introduce the students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: (1) Exploring Data - Observing patterns and departures from patterns; (2) Planning a Study - Deciding what and how to measure; (3) Anticipating Patterns - Producing models using probability and simulation; (4) Statistical Inference - Confirming models.

*Prerequisites: Pre-Calculus/Trigonometry Honors*

*Department recommendation*

*Students may not withdraw from this class at semester unless their grade is lower than a C- per course contract*

*Daily estimated time outside of class: 1 hour*

## **AP CALCULUS AB (Grades 11, 12) 2 Semesters**

This course presents an in-depth study of elementary functions, limits, derivative, and integrals. Applications of the derivative dealing with curve sketching, maxima and minima, related rates, and theorems will be enlarged upon. Applications of integration dealing with the area between two curves, calculations of volume by slicing and with rings and washers will be stressed. Concepts of analytical geometry and concepts of Calculus will be stressed so as to be prepared to take the Advanced Placement examination in the spring.

*Prerequisites: Pre-Calculus/Trigonometry Honors*

*Department recommendation*

*Students may not withdraw from this class at semester unless their grade is lower than a C- per course contract*

*Daily estimated time outside of class: 1 hour*

## **AP CALCULUS BC (Grades 11, 12) 2 Semesters**

This course presents the equivalent of a year of college calculus that addresses all the topics of Calculus AB and includes the additional topics of selected advanced integration techniques, calculus of parametric, polar and vector functions, the study of Taylor and Maclaurin series, and advanced differential equations. The course stresses the numerical, graphical, and algebraic analysis of calculus concepts so as to be prepared to take the Advanced Placement examination in the spring.

*Prerequisites: Pre-Calculus/Trigonometry Honors*

*Department recommendation*

*Only the top third of the Pre-Calculus students are qualified to succeed in this fast-paced college level class*

*Students may not withdraw from this class at semester unless their grade is lower than a C- per course contract*

*Students may be moved to the Calculus AB class if their Calculus BC grade falls below a C*

*Daily estimated time outside of class: 1 hour*

**PURDUE FW PHIL 11000 INTRODUCTION TO PHILOSOPHY  
(DUAL CREDIT) BD Course Title: Humanities (Grade 12) 1 Semester**

An introduction to basic problems and types of philosophy, with special emphasis on the problem of knowledge and nature of reality. The emphasis of the course work is on developing an understanding of the content of the course and how to actually apply it to the human environment. Particular attention is given to the relevance of these applications in regard to the current conditions of life. Noted philosophers and their theories will be covered. **NOTES: 1) Acceptance into Purdue Fort Wayne's Collegiate Connection is required along with the approximate course fee of \$315.30. 2) It is the student's responsibility to verify that their intended college will accept the dual credit. 3) If a student is not eligible for the Purdue Fort Wayne dual credit, the BD course title will be Humanities.**

*Prerequisite: A cumulative GPA of 3.0 or higher per PFW*

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# MUSIC

Bishop Dwenger High School offers many different performance opportunities for those interested in the musical portion of the Fine Arts Program. Students will learn to perform as a group in various ensembles offered during the school day and in extracurricular ensembles. Solo opportunities are also provided in most of the courses students may choose.

## AVAILABLE COURSES BY GRADE

### Grade 9

Beginning Chorus

Beginning Concert Band

### Extracurricular

Marching Band

Jazz Band

Pep Band

### Grades 9-12

Instrumental Ens

Orchestra

Show Choir

Drama

### Grades 10-12

Int/Adv Chorus

Int/Adv Concert Band

Applied Music: Beg Guitar

Music History & App

Music Theory & Comp

### Grade 12

AP Music Theory

## BEGINNING CHORUS (Grade 9) 2 Semesters

Students will develop musicianship and performance skills through ensemble and limited solo singing. This class includes the study of beginning repertoire in diverse styles of choral literature. Chorus classes provide opportunities for performing, creating, and responding to music. Students develop the ability to understand and convey the composer's intent in performance of music. Limited time outside of the school day will be required for rehearsals and performances. Students are required to participate in public performances outside of the school day that will serve as a culmination of daily rehearsal and musical goals.

*Prerequisite: Only two semesters of this class can be offered to any individual*

## INTERMEDIATE CHORUS (Grades 10, 11, 12) 2 Semesters

Students will develop musicianship and specific performance skills through ensemble and limited solo singing. This class includes the study of intermediate repertoire in diverse styles of choral literature. Chorus classes provide opportunities for performing, creating, and responding to music critically. Students develop the ability to understand and convey the composer's intent in performance of music. Limited time outside of the school day will be required for rehearsals and performances. Students are required to participate in public performances outside of the school day that will serve as a culmination of daily rehearsal and musical goals.

## ADVANCED CHORUS (Grades 10, 11, 12) 2 Semesters

Students will develop musicianship and specific performance skills through ensemble and solo singing. This class includes the study of advanced repertoire in diverse styles of choral literature. Chorus classes provide opportunities for performing, creating, and responding to music critically. Students develop the ability to understand and convey the composer's intent in performance of music. Limited time outside of the school day will be required for rehearsals and performances. Students are required to participate in public performances outside of the school day that will serve as a culmination of daily rehearsal and musical goals. Advanced Chorus also serves as our school Liturgical Choir. This course is weighted for the third and fourth year

*Prerequisites: Vocal/music reading audition required; Auditions are held in the spring for the following school year  
One year previous choir membership is required or approval by the director*

## **BEGINNING CONCERT BAND (Grade 9) 2 Semesters**

This course is designed to introduce a student to a musical instrument, scaffold prior knowledge, and develop skills at a higher level. Successful completion of this course will prepare the student for more advanced repertoire. Participation in concerts outside of the school day is a mandatory and graded part of the course: a minimum of two performances per semester will be utilized to fulfill the performance, evaluation and analysis skill sets. Students will be informed of the graded performances at the beginning of each semester. Additionally, participation in honor bands and evaluated solo and ensemble festivals are highly encouraged. Exact number of performances is subject to change.

*Prerequisite: Only two semesters of this class can be offered to any individual*

## **INTERMEDIATE/ADVANCED CONCERT BAND (Grades 10, 11, 12) 2 Semesters**

This course is designed to develop the student's musical skills, scaffold prior knowledge, and develop skills to a higher level. Successful completion of this course will prepare the student for more advanced repertoire. Differentiated instruction will see some students prepared to play music on a grade 4 and 5 (Highest) level. Participation in concerts outside of the school day is a mandatory and graded part of the course: a minimum of two performances per semester will be utilized to fulfill the performance, evaluation and analysis skill sets. Students will be informed of the graded performances at the beginning of each semester. Additionally, participation in honor bands and evaluated solo & ensemble festivals are highly encouraged. Exact number of performances is subject to change.

*Prerequisite: Beginning Concert Band or permission of the teacher*

## **INSTRUMENTAL ENSEMBLE (PERCUSSION) (Grades 9, 10, 11, 12) 2 Semesters**

Students taking this course are provided with a balanced comprehensive study of chamber ensemble and solo literature, which develops skills in the psychomotor, cognitive and affective domains. Students develop and refine elements of musicianship including tone production, technical skills, intonation, music reading skills, listening skills, analyzing music, studying historically significant styles of literature as pertaining to chamber ensemble and solo literature, and integration of other applicable disciplines. Experiences include improvising, conducting, playing by ear, and sight-reading. Students develop the ability to understand and convey the composer's intent in performance of music. Time outside of the school day may be scheduled for rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and musical goals. Students are required to participate in performance opportunities outside of the school day that support and extend learning in the classroom.

*Prerequisite: Permission of the teacher*

## **ORCHESTRA (BEGINNING/INTERMEDIATE/ADVANCED) (Grades 9, 10, 11, 12) 2 Semesters**

Orchestra is based on the Indiana Academic Standards for High School Instrumental Music. Students in this ensemble are provided with a balanced comprehensive study of music through the orchestra, string and/or full orchestra, which develops skills in the psychomotor, cognitive, and affective domains. Ensemble and solo activities are designed to develop and refine elements of musicianship including tone production, technical skills, intonation, music reading skills, listening skills, analyzing music, studying historically significant styles of orchestral literature, and integration of other applicable disciplines. Experiences include improvising, conducting, playing by ear, and sight-reading. Students develop the ability to understand and convey the composer's intent in performance of music. Time outside of the school day may be scheduled for rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and musical goals. Students are required to participate in performance opportunities outside of the school day that support and extend learning in the classroom.

*Prerequisite: Permission of the teacher*

## **APPLIED MUSIC: BEGINNING GUITAR (Grades 10, 11, 12) 2 Semesters**

This course is designed for students with no previous guitar experience. Students will receive guidance and direction in solving problems related to playing the guitar at a beginning level and will learn many of the different styles, skills and techniques required to become a successful guitarist. Areas of concentration include: correct posture, note reading, tablature, aural skills, flat-picking, singing songs, rhythmic patterns, chord study, finger-picking styles, musical forms, improvisation and performing experiences.

## **MUSIC HISTORY AND APPRECIATION (Grades 10, 11, 12) 1 Semester**

Students receive instruction designed to explore music and major musical styles and periods through understanding music in relation to both Western and Non-Western history and culture from the 15<sup>th</sup> through 20<sup>th</sup> centuries, with some exposure to 21<sup>st</sup> century repertoire. Activities include analyzing and describing music; evaluating music and music performances; and understanding relationships between music and the other arts, as well as disciplines outside of the arts.

## **MUSIC THEORY AND COMPOSITION (Grades 10, 11, 12) 1 Semester**

Students develop skills in the analysis of music and theoretical concepts. They develop ear training and dictation skills, compose works that illustrate mastered concepts, understand harmonic structures and analysis, understand modes and scales, study a wide variety of musical styles, study traditional and nontraditional music notation and sound sources as tools for musical composition, and receive detailed instruction in other basic elements of music.

## **AP MUSIC THEORY (Grade 12) 2 Semesters**

This course corresponds to two semesters of a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Musicianship skills including dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of music that are heard or presented in a score. Development of aural skills is a primary objective. Performance is also part of the learning process. Students understand basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized.

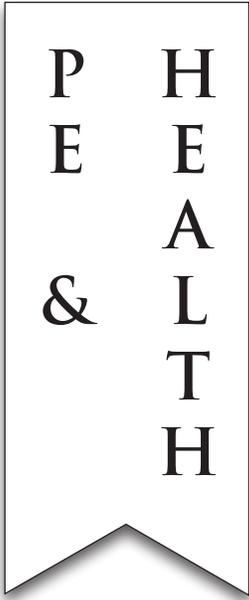
*Prerequisite: Permission of the teacher*

## **DANCE PERFORMANCE (Grades 9, 10, 11, 12) 2 Semesters**

This performance class will provide the opportunity for students to experience degrees of physical prowess, technique, flexibility, and the study of movement and dance performance as an artistic discipline and as a form of artistic communication within the modern and ballet genres. Students will develop the ability to express their thoughts, perceptions, feelings, and images through movement. They will demonstrate an understanding of loco motor and axial movement, dance technique as well as imager. Students will develop listening, comprehension, and memorization skills. They will develop skills to understand musical phrasing, rhythmic structures, and meters. They will be able to identify and use appropriate terminology related to style and technique. Students will also be able to visually identify different cultural and ethnic movement related to dance and visual expression. This course is offered through the Fort Wayne Ballet. The cost for this course and transportation to and from the center are the responsibility of the parent and/or student.

*Prerequisite: Permission by teacher*

Bishop Dwenger graduates have always taken one full year of Physical Education that meets the state requirement. All students must pass two semesters of Physical Education. Once this has been achieved, the student requirement for Physical Education is complete. Health class is taken for one semester, usually sophomore year. Students must pass the semester to meet state requirements.



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## AVAILABLE COURSE BY GRADE

### Grades 9-12

Physical Education

### Grades 10-12

Health Education

Elective Physical Education

## PHYSICAL EDUCATION (Grade 9) Required, 2 Semesters

Physical Education permits students to understand and respect each other's personalities, interests and abilities, and helps students with social interaction. Basic sports skills are instructed and there is an attempt to establish an interest within each student for a life-long commitment to physical fitness.

## HEALTH EDUCATION (Grades 10, 11, 12) Required, 1 Semester

This course focuses on informing students about current health problems, health needs, and health professions. Information covered includes personal appearance and behavior, self esteem, first-aid, emotions, alcohol and all drug abuse, nutrition, and the health systems in the human body. CPR certification is also offered.

## ELECTIVE PHYSICAL EDUCATION (Grades 10, 11, 12) 1 Semester

This course is an individualized, split-routine weight training program. Lifting and spotting techniques, muscle groups, and equipment utilization will be taught with a follow-up to basic cardiovascular fitness and nutrition. **NOTE: This course may be taken up to two times.**

*Prerequisite: Passed Physical Education with a C+ or above and teacher recommendation*

# S C I E N C E

Courses available through the Bishop Dwenger Science Department have always been popular with our students. Approximately 85% of all students elect to take four years of science at Bishop Dwenger. The course listings below will confirm that there is something that will interest most everyone. From Biology I through our AP courses, students of all levels will receive the challenges and information they need to perform well in today's scientific society.

## AVAILABLE COURSES BY GRADE

<u>Grades 9-12</u>	<u>Grades 10-12</u>	<u>Grades 11-12</u>	<u>Grade 12</u>
Biology I Honors	Chemistry Honors	Biology AP	Physics Honors
Biology I Academic	Chemistry Academic	Chemistry AP	Physics
Biology I	Earth/Space Science	Chemistry II	
	Environ. Science	Integ Chem & Physics	
	Anatomy & Physiology	Forensic Science	
	Human Genetics		
	Microbiology		
	Biology II		

### **BIOLOGY I HONORS (L) (Grades 9, 10, 11, 12) 2 Semesters**

Biology I, any level, is a state required course that all students must take to fulfill their Life Science requirement for the State of Indiana. Biology I Honors is intended for the student who wants to pursue a major in science and possibly a career in science. It is the prerequisite for Chemistry Honors, Biology AP, and Chemistry AP. Biology Honors follows the same format as Biology I Academic which includes units on cells, ecology, botany, molecular biology, genetics, evolution, and animal studies. Biology Honors covers content in more detail and moves at a faster pace than Biology I Academic. Students will have additional reading and more difficult assignments outside of class. The standards taught in this course are in line with the State of Indiana and also with the College Board AP program.

*Prerequisites: Recommendation of grade school  
Placement in English 9 Honors*

### **BIOLOGY I ACADEMIC (L) (Grades 9, 10, 11, 12) 2 Semesters**

Biology I, any level, is a state required course that all students must take to fulfill their Life Science requirement for the State of Indiana. The course includes units on cells, botany, ecology, genetics, evolution, animal studies, and molecular biology. Biology I Academic follows the standards that are designated by biology for the state. Learning new lab skills and how to use the scientific method are essential to this course as well. Students must be willing to read the textbook and maintain a high level of self-discipline to be successful in this course.

### **BIOLOGY I (L) (Grades 9, 10, 11, 12) 2 Semesters**

Biology I, any level, is a state required course that all students must take to fulfill their Life Science requirement for the State of Indiana. The course includes units on cells, ecology, genetics, evolution, animal studies, and molecular biology. Biology I follows the standards that are designated for the biology by the state. Students will be guided through the steps of learning new lab skills and how to use the scientific method. Reading comprehension will also be stressed and developed. Students will be given as much personal attention and assistance as possible.

*Prerequisite: Teacher recommendation or parent request required*

## **BIOLOGY II (L) (Grades 10, 11, 12) 2 Semesters**

Biology II is an extended academic and laboratory investigations-based course. Students enrolled in Biology II examine the internal structures, functions, and processes of living organisms. Concepts and investigations go well beyond what is taught in Biology I with in depth discussions of molecular biology, cell biology, genetics, evolution, biotechnology, and environmental relationships. This course will help students develop scientific inquiry skills as well as introduce them to college level biology. This course is a prerequisite for Biology AP.

*Prerequisites: Passed Biology I with a B- or above  
Permission of most recent science teacher*

## **ADVANCED SCIENCE, HUMAN GENETICS (L) (Grades 10, 11, 12) 2 Semesters**

Genetics is a full year course designed for the student who is interested in the subject of heredity without becoming involved in a comprehensive biology course. This course, through lectures and laboratory investigation, includes human inheritance patterns, genetic disorders, development, behavioral genetics, population genetics, evolution, cancer, DNA, biotechnology, and cell biology that pertains to inheritance. The Church's views regarding bioethical issues will be studied. A student considering this course should have critical thinking skills.

*Prerequisite: Achieved at least a B- or above in all science courses*

## **ADVANCED SCIENCE, MICROBIOLOGY (L) (Grades 10, 11, 12) 2 Semesters**

Microbiology is a full year course designed for the student interested in microorganisms and techniques used in studying them without taking a comprehensive advanced biology course. This course acquaints the student with fundamental characteristics of various microbes, microbial diseases, immunology, epidemiology, microscopy, as well as practical applications of microbiology. Further, the class will develop skills in dealing with experimental design including the collection and analysis of data.

*Prerequisite: Achieved at least a B- or above in all science courses*

## **HUMAN ANATOMY & PHYSIOLOGY (L) (Grades 10, 11, 12) 2 Semesters**

This course is designed to be an upper level science for students interested in pursuing a medical or health care related career. The material is presented in a practical and comprehensive manner. Lessons are also ideal for anyone requiring a solid understanding of how the human body works. This course provides a comprehensive study of the anatomy and physiology of the human body. Topics include body organization, homeostasis, cytology, histology, the integumentary, skeletal, muscular, nervous system, and special senses, blood and cardiovascular system, respiratory, digestive, immune, endocrine, and reproductive systems. This course includes several lab investigations and a dissection of a fetal pig.

*Prerequisites: Achieved at least a B- or above in most recent science course  
Sophomores must have taken Biology I Honors*

## **BIOLOGY ADVANCED PLACEMENT (L) (Grades 11, 12) 2 Semesters**

Advanced Placement Biology is offered for the student who is interested in biology and perhaps is considering a biology or science major in college. Upon completion of this course, the student should be ready to take the Advanced Placement exam in biology to either gain entrance into a high level biology course in college or to fulfill a college science requirement. This course is an in-depth study of the biological sciences, including the chemistry of living systems, cell structure and function, DNA and genetics, structure and function of plants and animals, evolution, ecology, behavior and social biology (bioethics). The course includes labs; some student designed. Several short-term experimental projects, scientific reading and discussion are a part of the course. AP Biology is the equivalent of a college course.

*Prerequisites: Must be enrolled in the Honors Program  
Must have taken and passed with a B or above Biology I Honors, Chemistry Honors, and Math Honors and one of the following: Biology II or AP Chemistry  
Permission from student's most recent science teacher and department chair  
Students may not withdraw from this class at semester unless their grade is lower than a C-  
Daily estimated time outside of class: 45 minutes*

## **ENVIRONMENTAL SCIENCE (L) (Grades 10, 11, 12) 2 Semesters**

Environmental Science is a course designed for students who are interested in the natural environment, its effect on living things, and the role humans play in the environment. Topics include the study of ecology, populations, natural resources, and energy resources. The course also focuses on human interaction with the natural world and the preservation of all of our natural resources. Basic lab techniques are used and demonstrated.

*Prerequisite: Full year of Biology I*

## **EARTH/SPACE SCIENCE (L) (Grades 10, 11, 12) 2 Semesters**

Earth Space Science is a course designed for those students interested in the Earth and all of its processes, including the universe, solar system, atmosphere, and hydrosphere. Other topics include fossil formation, geology, minerals and resources, meteorology, climate, and the nature of storms. Basic lab techniques are used and demonstrated.

*Prerequisite: Full year of Biology I*

## **ADVANCED SCIENCE, FORENSIC SCIENCE (L) (Grades 11, 12) 2 Semesters**

Forensic Science is any science that provides scientific evidence for use in courts, in a criminal investigation, or at a trial. This course will touch on biology, chemistry, physics, and geology. Techniques taught include fingerprinting, gathering and analysis of evidence including hair, fabric, blood, and footprints, firearms, arson, drugs, poisons, and DNA profiling while also adhering to laboratory procedures and protocols. Students will also explore the range of career opportunities available in the fields related to forensics by the way of guest speakers and individual research.

*Prerequisites: Biology I and Chemistry with a grade of B- or better  
Passed most recent math course with a B- or better*

## **CHEMISTRY HONORS (L) (Grades 10, 11, 12) 2 Semesters**

This course is intended for the college-bound science major who is self-motivated. It is an in-depth study of most of the major principles of chemistry, i.e., atomic theory, bonding, gas laws, periodicity, states of matter and acid-base concepts. These principles are demonstrated through student experiments. One project may be required. Students must maintain a high level of self-discipline in order to be successful in this course.

*Prerequisites: Qualify for the Honors Program in science and math  
Algebra II Honors must be taken at least in conjunction with this course due to its heavy math emphasis  
Minimum of a B- or above in math and science*

## **CHEMISTRY ACADEMIC (L) (Grades 10, 11, 12) 2 Semesters**

Chemistry is intended for the college-bound student. It fulfills the physical science requirement for graduation. It covers most of the major principles of chemistry, i.e., atomic theory, bonding, gas laws, periodicity, states of matter and acid-base concepts. These principles are demonstrated through experimentation.

*Prerequisites: Biology I Academic  
Algebra II must be taken in conjunction with this course because of its heavy math emphasis  
Passed most recent science and math course with a C or above*

## **INTEGRATED CHEMISTRY & PHYSICS (L) (Grades 11, 12) 2 Semesters**

Integrated Chemistry and Physics is intended for the student who needs his/her Core 40 requirement, but does not have the math background to successfully complete regular chemistry and physics. This course covers the same basic principles found in regular chemistry and physics without the heavy emphasis on math. The course should not be taken by anyone who intends on pursuing a career in any field of science or medicine.

*Prerequisites: Biology I and passed most recent science course*

## **CHEMISTRY II (L) (Grades 11, 12) 2 Semesters**

Chemistry II is an Advanced Topics course in Chemistry. Students enrolled in Chemistry will study chemical reactions in greater depth. Topics include electrochemistry, solutions and precipitation reactions, acid base reactions, thermochemistry, equilibrium and reaction rates, organic chemistry, and biochemistry. This class is for those students looking for a second year of physical science, interested in health or science related fields, and not going into AP Chemistry.

*Prerequisites: Passed both Chemistry and Algebra II with a B or above  
Preparation time: 45 minutes*

## **CHEMISTRY ADVANCED PLACEMENT (L) (Grades 11, 12) 2 Semesters**

Advanced Placement Chemistry is designed to provide the equivalent of a college, first year, general chemistry course. The course is intended to help students develop good thinking skills by encouraging oral and written skills within the discipline. An emphasis is placed on chemical calculations, mathematical formulation of principles, and laboratory work. The student will be expected to spend at least five hours a week in unsupervised individual study. Students must be self-motivated and willing to show a high degree of effort.

*Prerequisites: Qualify for the Honors Program  
Passed Chemistry Honors with a B+ or above  
Passed most recent math course with a B+ or above  
Students may not withdraw from this class at semester unless their grade is lower than a C-  
Students must have permission from current Chemistry teacher*

## **PHYSICS HONORS (L) (Grade 12) 2 Semesters**

Honors Physics is designed for the senior student who plans to enter the field of engineering, medicine, science, or mathematics. The student must be self-motivated. This course, through laboratory investigations, discussions, lectures, and problem-solving, leads the student to an understanding of the basic laws of nature. The content includes motion, momentum, and the work-energy theorem. Light, electricity or atomic/nuclear physics will be added as time permits.

*Prerequisites: Co-requisite enrolled in senior-level math (AP Calculus or AP Statistics)  
Qualify for the Honors Program  
Daily estimated time outside of class: 45 minutes*

## **PHYSICS (L) (Grade 12) 2 Semesters**

This course is designed to raise the student's awareness of the physical world around them while also investigating the mathematical relationships that exist throughout the universe. The concepts are taught via classroom lectures and discussions, and reinforced through laboratory experiments. The main focus is on two dimensional motion, momentum, and the work-energy theorem. Students will use previously taught math skills while developing concept-related problem-solving skills.

*Prerequisites: Co-requisite Trigonometry or Finite Math  
Permission of most recent math and science teachers  
Passed most recent math course with a C or above*

# S O C I A L S T U D I E S

Bishop Dwenger requires that all students earn a credit in the following courses: two semesters of World History, two semesters of U.S. History, one semester of U.S. Government, and one semester of Economics.

## AVAILABLE COURSE BY GRADE

### Grade 9-12

World History

### Grades 10-12

World Geography

### Grades 11-12

U.S. History

AP U.S. History

Economics

Leadership Develop.

Sociology

Psychology

### Grade 12

U.S. Government

U.S. Gov't Honors

AP Psychology

## WORLD HISTORY AND CIVILIZATION (Grade 9, 10, 11, 12) 2 Semesters

World History is a study of civilizations around the world, emphasizing political, cultural, economic, and social aspects. Throughout the year emphasis will be given to many diverse and global cultures with respect to the traditions and values of each and how they continually contribute to our combined understanding of the modern world.

## WORLD GEOGRAPHY (Grades 10, 11, 12) 1 Semester

World Geography presents the world as it is observed, not as a series of fragmented glimpses. The course presents principles which can be applied around the world. In this sense, the approach is analytical rather than descriptive. The primary emphasis is upon the relationship between man and nature everywhere and the interdependence of all peoples and places.

## UNITED STATES HISTORY (Grade 11) 2 Semesters

This course places particular emphasis on the contributions of all people in American Society. The course expands on the concepts developed in the middle school/8<sup>th</sup> grade course with an emphasis on post Civil War and Reconstruction.

## AP U.S. HISTORY (Grades 11, 12) 2 Semesters

This course is taught to resemble an entry level college survey American History course, where AP students can earn college credit. The course is divided into two semesters. Semester I will cover Colonialism through the Progressive Era, while Semester II will begin with WWI and end with the Presidency of George W. Bush. Students are expected to devote a considerable amount of time to work outside of the classroom, taking notes, analyzing primary documents, and studying. Great emphasis will be placed on critical writing, where students analyze and synthesize primary sources. Students will be given a summer assignment to complete prior to beginning of school. Any student who does not complete the summer packet will be removed from the course.

*Placement Criteria: Must have earned an 87% in American Lit Honors or a 95% or higher in American Lit Academic*

*Earned an A or higher in World History A and B*

*English and World History teachers' recommendation*

*Daily estimated time outside of class: 1 hour*

*Students may not withdraw from this class at semester unless their grade is lower than a C-*

## ECONOMICS (Grades 11, 12) 1 Semester

This one-semester course is designed to help the student understand and analyze economic concepts that are relevant in today's world. The course examines the basic models of decision-making at various levels and in different areas, including those made as a consumer, producer, saver, and investor.

## UNITED STATES GOVERNMENT (Grade 12) 1 Semester

This one-semester class is a course where students are introduced to American Government. It is designed to help the student understand the political process and how to be an informed citizen.

## UNITED STATES GOVERNMENT HONORS (Grade 12) 1 Semester

A realistic approach to American Government and political life with up-to-date, unbiased information about our government. To address the process of making political decisions and the effects those choices carry with them. The ultimate aim is social participation and becoming motivated to be politically active citizens.

*Prerequisites: Qualifications for Honors Program*

*U.S. History teacher recommendation*

*Daily Estimated Time Outside of Class: 45-60 minutes*

## TOPICS IN SOCIAL SCIENCE: LEADERSHIP DEVELOPMENT (Grades 11, 12) 1 Semester

A course designed to instruct present and future leaders the traits, qualities, and skills necessary in serving others in a leadership capacity. Areas of study in leadership traits include: Character, Compassion, Commitment, Communication, Focus, Vision, Self-Discipline, and Problem Solving. Areas of study in the laws of leadership include: The Law Process, The Law of Solid Ground, The Law of Respect, The Law of Connection, and the Law of Sacrifice. Activities to build leadership skills include exercises in self-awareness and self-esteem, character education, community relations, staff and faculty relations, involvement, and diversity training. Various school and community service projects will be emphasized.

## SOCIOLOGY (Grade 11, 12) 1 Semester

Sociology is a course that seeks to study human society and social behavior from a group perspective. Sociologists concentrate their attention on interaction-the ways in which people relate to one another and influence each other's behavior. The study of sociology provides you with the tools to develop a sociological imagination, or the ability to see the connection between the individual and society, how society is stable and changing, the causes and consequences of social inequality, and the social aspect of human life.

## PSYCHOLOGY (Grade 11, 12) 1 Semester

Psychology is offered to students who have an interest in understanding the theories and explanations regarding human behavior. Students are expected to devote time to the theories and explanations regarding human behavior. Students are expected to devote time to reading and writing both inside and outside of class. The course of study will concentrate on the following areas: 1) introduction to psychology 2) methods and experimentation 3) physiology of the brain 4) heredity and environment 5) theories of learning 6) biological influences on behavior 6) behavior disorders and their treatment.

## AP PSYCHOLOGY (Grade 12) 2 Semesters

AP Psychology is taught to resemble an entry level college survey Psychology course. The course is divided into two semesters where students expand and develop greater psychological insight as the course continues. Throughout the year, students will take the concepts learned and apply them to real life situations. Students are expected to devote a considerable amount of time to work outside of the classroom, taking notes, writing in their observation journals, and studying psychological theories. Great emphasis will be placed on critical writing, where students analyze and synthesize information from multiple psychological concepts/theories. Topics studied include, the scientific method and research strategies, ethical issues, memory and cognition, personality and mental illness, sociocultural dimensions of behavior, and sensation and perception. **NOTE: The content of the course is that of a college level; therefore, some topics will be of a more mature nature.**

*Prerequisites: 3.3 cumulative GPA or higher, B or higher in English Lit (Academic or Honors)*

*College level reading in preparation for daily class discussions is required*

*Daily Estimated time outside of class: 45 minutes to 1 hour*

*Students may not withdraw from this class at semester unless their grade is lower than a C-*

## **INDIANA STUDIES (Grades 9, 10, 11, 12) 1 Semester**

Indiana Studies is an integrated course that compares and contrasts state and national developments in the areas of politics, economics, history, and culture. This one semester course uses Indiana history as a basis for understanding current policies, practices, and state legislative procedures. It also includes the study of state and national constitutions from a historical perspective and as a current foundation of government. Examination of individual leaders and their roles in a democratic society is included. Students will examine the participation of citizens in the political process. Topics include: Indiana Territory, Statehood, Civil War through World War 1, Indiana in the 1900s, Civics and Government, Constitution and Indiana Citizens, and Famous Hoosiers and Landmarks. **NOTES: 1) This course is not taught at Bishop Dwenger. Students may elect to take this course through Indiana Online Academy; refer to <http://www.IndianaOnlineAcademy.org> for more information. 2) Additional fees for this course are the student's responsibility. These include, but are not limited to, Indiana Online Academy registration, tuition, fees, and books.**

**World Language courses are required for the Academic Honors Diploma and recommended for all other diploma types.** However, since colleges expect a strong academic core curriculum for admittance (English, Math, Science, Social Studies and World Languages are examples of strong academic subjects), most Bishop Dwenger students take three or more years of a foreign language. Five years of Spanish and four years of Latin and French are offered.

**Incoming freshmen who previously studied Spanish in 8<sup>th</sup> grade and who wish to continue their study of Spanish at the high school level will be temporarily placed according to teacher recommendation and will be given a placement test in the spring to determine final placement.**

**Heritage speakers of Spanish, who wish to study Spanish formally, will be placed into the course *Spanish for Heritage Speakers*.**

### **FRENCH I (Grades 9, 10, 11, 12) 2 Semesters**

This is the first year of a four-year sequence designed as a basic course to acquaint the student with the language and culture of France and Francophone countries. Students will engage in simple spoken conversations in French on a variety of topics. Students will understand, respond to, and demonstrate comprehension of beginning level authentic and non-authentic written and spoken language. Students will examine, experience, and reflect on practices, products, and perspectives of France and Francophone countries. Students will strengthen their French proficiency and cultural knowledge by using current digital media and authentic resources. Students will compare their language and culture to French and Francophone customs. Students are encouraged to use their language skills and knowledge of the culture outside of the classroom by participating in French Club activities.

### **FRENCH II (Grades 9, 10, 11, 12) 2 Semesters**

This full-year course is a continuation of French I with emphasis placed on all four language skills: listening, speaking, reading, and writing. Throughout the course, students develop higher-level communication skills in order to express themselves in different situations. In addition to the skills acquired in French I, students will accurately state basic information about themselves and others, accurately express a variety of simple feelings and preferences of self and information about themselves and others, make requests and ask different types of questions, and use speaking and listening strategies to facilitate communication. Students will demonstrate comprehension of both authentic and non-authentic written and spoken language through level appropriate tasks, and they will compose simple cohesive written information using appropriate formats with teacher guidance. Students will use digital media and culturally authentic resources to build vocabulary, improve reading ability, and encourage cultural awareness. Students will be able to identify cultural practices and behaviors.

*Prerequisites: Pass French I with a C- or better both semesters  
Recommendation of French I teacher*

### **FRENCH III (Grades 10, 11, 12) 2 Semesters**

This course builds on the foundations established in French I and II. Students will participate in conversations which involve making requests and exchanging information. Students will be able to read various types of authentic literature, such as articles and literary selections of poetry and prose. Students will be able to identify facts and ideas about what they read and hear. They will be able to read aloud with appropriate pronunciation, write summaries and descriptions, and employ appropriate non-verbal communication. Students will be able to understand and use idiomatic expressions as well as understand vocabulary in context. Students will examine and reflect on the practices, products, and perspectives of Francophone countries and their contributions to our global society. Students will use digital media to strengthen their proficiency in French and knowledge of French culture. Students will be encouraged and given opportunities to use their linguistic skills to communicate outside the classroom. Juniors are given the opportunity to apply for participation in the Indiana Honors Program in Foreign Languages for High School Students, where they can spend a summer in France using their French in an authentic setting.

*Prerequisites: Passed French II with a C- or better both semesters  
Recommendation of French I/II teacher*

## **FRENCH IV (Grades 11, 12) 2 Semesters**

This advanced course, primarily taught in French, builds on the knowledge and skills acquired in levels I – III. The course will enable the students to increase their proficiency in the four basic language skills: reading, writing, listening, and speaking. An emphasis will be placed on the students being able to initiate, sustain, and close conversations in varied situations. They will demonstrate comprehension of both authentic and non-authentic written and spoken language and answer complex comprehension questions in French.

Students will produce and present creative material in French on a variety of topics using varied vocabulary and advanced grammatical structures. Students will improve their overall French abilities by listening to news broadcasts, by reading online newspapers, and by using streaming audio and video through digital media. Students will analyze and reflect on cultural practices and perspectives of France and Francophone countries. They will read one novel in French. Students will be encouraged to use French and their knowledge of Francophone customs for personal enrichment, such as seeking out French music and films or for travel. Seniors may apply to the Indiana University Honors Program in Foreign Languages for High School Students, but preference will be given to juniors.

*Prerequisites: Pass French III or IV with a B- or better both semesters*

*Recommendation of French III teacher*

*Students may not withdraw from this class at semester unless their grade is lower than a C-*

## **LATIN I (Grades 9, 10, 11, 12) 2 Semesters**

Latin I is a study of the basic forms and syntax essential for effective reading comprehension of Latin. A presentation of cultural material emphasizes the influence of Roman leaders, government, education, literature, and art on later civilizations and their languages. Cultural content includes introduction to and study of Roman life, history, mythology, religion, art, architecture, and engineering. Students will be introduced to and will practice the sound structure of the language and learn to communicate with simple questions, answers, and statements. Students will read at a beginning level and learn to recognize the forms and use of Latin words. They will learn to recognize the syntax of Latin sentences for English translation and meaning. They will compose sentences in Latin which correctly demonstrate the understanding of grammatical concepts, syntax, and vocabulary. They will learn to recognize and use English words derived from Latin vocabulary words. Students will also learn to recite the “Ave Maria” and “Pater Noster” prayers and will learn Latin quotes and phrases from the Bible, great Roman thinkers, and contemporary usage.

## **LATIN II (Grades 9, 10, 11, 12) 2 Semesters**

Level II Latin is an extensive review of Latin I grammar and vocabulary, as well as a continuation of the study of syntax and word formation. Latin readings are based on Roman times and history. The Latin readings include stories of a Roman family. Additional cultural content includes continued study of Roman history, culture, religion, mythology, and word studies. Students will continue the acquisition of good pronunciation and reading skills. They will further develop their understanding of elements common to English and Latin grammar and vocabulary. They will increase their level of skill with which they read and write Latin prose and increase their awareness of the importance and influence of Latin upon other world languages, especially English.

*Prerequisites: Passed Latin I with a C- or better both semesters*

*Recommendation of Latin I teacher*

## **LATIN III (Grades 10, 11, 12) 2 Semesters**

Latin III is a survey of Latin poetry of the Golden Age with special emphasis on Ovid’s *Metamorphosis*, The Odes of Horace, and the love poems of Catullus. Parallels will be drawn to English works, including modern poetry. Prior to this, we will complete the tales of Publius and Furianus as well as fables from Phaedrus and Pliny’s letters. The focus of this course will be the translation and explication of Vergil’s *Aeneid*.

*Prerequisites: Passed Latin II with a C- or better both semesters*

*Recommendation of Latin II teacher*

## **LATIN IV (Grades 11, 12) 2 Semesters**

Latin Level IV covers the reading and translating of epic poetry. Students will read selected passages of Homer's Iliad, as well as study the history and background of the Trojan War. Students will study some of the significant areas of Greek and Roman mythology and acquire a working knowledge of major mythological characters. Students will study the history, times, and background of the Augustan Period of Latin literature and Roman history after the fall of the Roman Republic. Additional cultural content includes the study of Greek history and culture and their influences. Students will recognize and scan a line of Latin dactylic hexameter verse, compare and contrast the government of the Augustan Period with modern governments and recognize the influence of classical epics upon art, music, literature, etc. Students will define an epic and give characteristics of this type of literary genre, increase their knowledge of vocabulary and poetic structure, and improve their listening and oral reading skills.

*Prerequisites: Passed Latin III with a B- or better both semesters*

*Recommendation of Latin III teacher*

*Students may not withdraw from this class at semester unless their grade is lower than a C-*

*Daily estimated time outside of class: 30 minutes*

## **SPANISH I (Grades 9, 10, 11, 12) 2 Semesters**

This course is the first of a five-year sequence designed as a basic course to acquaint the student with the language and culture of Spain and the Spanish-speaking Americas. In this first course, students will give and respond to oral directions and commands and make routine requests in the classroom and in public places. They will ask and answer simple questions and participate in brief guided conversations related to their needs and interests. Students will also read such things as menus, signs and schedules, as well as short narrative texts on simple topics. They will respond in writing to various stimuli such as familiar words/phrases in appropriate contexts, and will present short, oral recitations of memorized material as well as read aloud from familiar materials, using correct pronunciation. Additionally, students will learn about non-verbal communication, geography, music, major holidays, and acceptable social behavior in various social settings of the countries being studied. Students are encouraged to use their language skills outside of the classroom by participating in Spanish Club activities.

## **SPANISH II (Grades 9, 10, 11, 12) 2 Semesters**

This full-year course is a continuation of Spanish I with emphasis placed upon all four language skills: listening, speaking, reading, and writing. Throughout the course students develop higher-level communication skills in order to express themselves in different situations. In addition to the skills acquired in Spanish I, students will accurately state basic information about themselves and others, accurately express a variety of simple feelings and preferences of self and others, make requests and ask different types of questions, and use speaking and listening strategies to facilitate communication. They will respond accurately to classroom requests, commands and directions; they will demonstrate comprehension of both authentic and non-authentic written and spoken language through developmentally appropriate tasks, and they will compose simple cohesive written information using appropriate formats with teacher guidance. They will investigate and report on objects and concepts from other content areas and integrate content area concepts and skills through relevant activities. They will also describe objects, self and others in written and spoken language with greater detail. They will use digital media and culturally authentic resources to build vocabulary, improve reading ability, and encourage cultural awareness. They will compare and use idiomatic and colloquial expressions and authentic simple forms of address in a variety of social situations and compare the social patterns of other cultures with their own culture. Finally, they will show the influences of the Spanish language and culture on the community and will show evidence of becoming life-long learners by using the Spanish language and cultural knowledge for personal enrichment.

*Prerequisites: Passed Spanish I with a C- or better both semesters*

*Recommendation of Spanish I teacher*

## SPANISH III (Grades 10, 11, 12) 2 Semesters

This course builds on the foundations established in Spanish I and II. Students will participate in conversations which involve making requests and exchanging information. Students will be able to read various types of literary selections of poetry and prose and be able to identify facts and ideas about what they read and hear. Students will read and recite with appropriate pronunciation proverbs, poetry and songs, write paraphrases, summaries and descriptions and give oral presentations. Through various media, students will understand the geography, history, and arts of Spanish-speaking countries and their contributions to our global society. They will also bring their knowledge of history, art, grammar, and technology, as well as reading and writing skills to the study of Spanish language and culture. Students will recognize the similarities and differences between Spanish and English in both language and culture. They will also be encouraged and be given opportunities to use their linguistic skills to communicate outside the classroom. Juniors are offered the opportunity to apply for participation in the Indiana University Honors Program in Foreign Languages for High School Students, where they can spend a summer in Spain, Chile or Mexico using their Spanish in an authentic setting. Sophomores may apply, but preference is given to juniors.

*Prerequisites: Passed Spanish II with a C- or better both semesters  
Recommendation of Spanish II teacher*

## SPANISH IV (Grades 11, 12) 2 Semesters

This advanced course, taught mostly in Spanish, will enable the students to increase their proficiency in the four basic skills: reading, writing, listening, and speaking. Students will enhance their communication skills through description, justification, comprehension of authentic literature, oral reading, and writing original compositions. Their knowledge and appreciation of the cultures of the Spanish-speaking world will expand as they gain understanding of their geography, literature, history, politics, art, and music. Students will discover more applications of Spanish outside the classroom as they participate in foreign language club outreach activities and are offered the opportunity to apply for participation in the Indiana University Honors Program in Foreign Languages for High School Students, where they can spend a summer in Spain, Chile or Mexico using their Spanish in an authentic setting.

*Prerequisites: Passed Spanish III with a B- or better both semesters  
Recommendation of Spanish III teacher  
Students may not withdraw from this course at semester unless their grade is lower than a C-*

## PURDUE FW SPAN 20301 2<sup>ND</sup> YEAR SPANISH I (DUAL CREDIT)

### **BD Course Title: Spanish IV Honors (Grades 11, 12) 2 Semesters**

This dual credit intermediate level Spanish course is accredited through Purdue University Fort Wayne. It is an enriched course which includes all of the content of the SPAN 20301 2nd year Spanish I curriculum. It is intended for the highly motivated student whose desired college major requires foreign language credit(s), who plans to major or minor in Spanish, or who plans to participate in the IU Honors Program in Foreign Languages for High School Students. This course offers a thorough grammar review and increased emphasis on communication skills. Other components are reading and discussion in Spanish or contemporary literature, essays, and/or cultural readings, and practice in composition. Cultural units will be integrated to further develop the understanding and appreciation of Spanish and Latin American culture. **NOTES: 1) Acceptance into Purdue Fort Wayne's Collegiate Connection is required along with the approximate course fee of \$75. 2) It is the students' responsibility to verify that their intended college will accept the dual credit. 3) If a student opts out of the dual credit, the BD course title will be Spanish IV Honors.**

*Prerequisites: A cumulative GPA of 3.0 or higher per PFW  
Qualify for the Honors Program  
Passed Spanish III with an A- or higher both semesters  
Recommendation of the Spanish III teacher  
No attendance or tardy issues  
Attentive and participative in class*

## SPANISH V (Grade 12) 2 Semesters

This advanced course, primarily taught in Spanish, builds on the knowledge and skills acquired in levels I-IV. Students review grammatical structures studied previously and use these in a variety of listening, reading, speaking and writing activities. Through a variety of media and research skills, students will survey a variety of cultural topics from different Hispanic cultures. Through composition, students will demonstrate increasing competence in written analysis of current events and influential people from Spanish speaking countries. Students will be exposed to various test formats to prepare for college placement tests.

*Prerequisites: Passed Spanish IV with a B- or better both semesters*

*Recommendation of Spanish IV teacher*

*Students may not withdraw from this course at semester unless their grade is lower than a C-*

## PURDUE FW SPAN 20401 2<sup>ND</sup> YEAR SPANISH II (DUAL CREDIT)

### **BD Course Title: Spanish V Honors (Grade 12) 2 Semesters**

This is dual credit intermediate level Spanish course is accredited through Purdue University Fort Wayne. It is an enriched course which includes all of the content of the SPAN 20401 2<sup>nd</sup> year Spanish II curriculum. Taught entirely in Spanish, it is intended for the highly motivated student whose desired college major requires foreign language credit(s), who plans to major or minor in Spanish, or who plans to participate in the IU Honors Program in Foreign Languages for High School Students. This course offers a thorough grammar review and increased emphasis on communication skills. Other components are reading and discussion in Spanish of contemporary literature, essays, and/or cultural readings, and practice in composition. Cultural units will be integrated to further develop the understanding and appreciation of Spanish and Latin American culture. **NOTES: 1) Acceptance into Purdue Fort Wayne's Collegiate Connection is required along with the approximate course fee of \$75. 2) It is the students' responsibility to verify that their intended college will accept the dual credit. 3) If a student opts out of the dual credit, the BD course title will be Spanish V Honors.**

*Prerequisites: A cumulative GPA of 3.0 or higher per PFW*

*Qualify for the Honors Program*

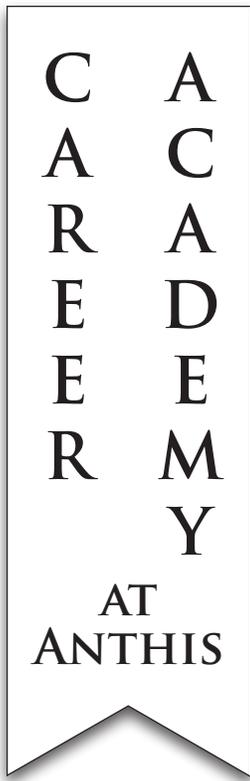
*Passed Purdue FW SPAN 20301*

*Recommendation of the Purdue FW SPAN 20301 teacher*

*No attendance or tardy issues*

## SPANISH FOR HERITAGE SPEAKERS (Grades 9, 10) 2 Semesters

Spanish for Heritage Speakers is a course designed for heritage speakers of Spanish who have demonstrated some degree of oral proficiency. The purpose of this course is to enable Heritage Language Learners to increase proficiency and bi-literacy in their native language by providing opportunities to improve reading and listening comprehension, as well as writing and grammar skills. Special attention will be given to grammar and vocabulary of the standard language, as well as to the importance of biculturalism in the U.S. today. **NOTE: This course fulfills one year of the World Language requirement for the Core 40 with Academic Honors Diploma and counts as a directed elective for all other diplomas.**



Visit the Career Academy at Anthis's website for more information.  
<http://fwcscareeracademy.fwcs.k12.in.us/>

Application for programs held at the Career Academy is made through the Bishop Dwenger Guidance Office. Generally all programs are available to qualified Juniors and Seniors. In both the Fall and Spring Terms, 3 credits can be earned for a total of 6 per year. Many programs offer industry certifications and dual college credit. Most programs are half day with the AM program from 9:20 AM – 12:05 PM and the PM program from 12:45 PM – 3:30 PM. The Aviation program is held at Smith Field and meets from 8:15 – 11:30 AM. Both the Fire Science and Law Enforcement/Criminal Justice program sites are at the Public Safety Academy at Southtown Centre. Many Anthis programs require uniforms, safety equipment, membership to National Organizations and/or tools that are purchased by the students. Class space is limited with pre-requisites suggested in most areas. Since all classes are of the upper high school or college level, both a good math background and reading level will help for success.

To be selected as a Bishop Dwenger representative in the Career Academy, a good candidate should have no disciplinary record, be in good academic standing, and have a good attendance record. Contact the Bishop Dwenger Guidance Office for more information.

## ALLIED HEALTH SCIENCES

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***Criminal history checks and drug testing required for health programs.***

### INTRODUCTION TO HEALTH CAREERS (AM)/MEDICAL ASSISTING (PM) **Seniors Only**

Introduction to Health Care Systems is designed to help students gain further insight into the health care industry by introducing them to a number of different health disciplines. A variety of instructional strategies and technologies are used to teach the knowledge, attitudes, and skills related to: surgery, respiratory therapy, gerontology, rehabilitation/restorative care, and alternative treatment modalities. Students have the opportunity to gain additional competencies as they participate in simulated activities and procedures in the classroom. On-site experiences will be used to supplement course content. Participation in HOSA provides the students the opportunity to compete in a variety of competitive events at both the state and national level. *36 week class, 6 credits*

### INTRODUCTION TO MEDICAL ASSISTING (AM)

Introduction to Medical Assisting introduces students to some of the clinical and administrative responsibilities of a Medical Assistant. Course content focuses on basic skills that one might see performed in a doctor's office or outpatient facility. Various instructional strategies and technologies will be used to give students the opportunity to gain additional knowledge of anatomy, physiology, and medical terminology. The student will learn skills as they participate in simulated activities and procedures in the classroom. Instruction will be augmented with guest speakers, field trips, and a clinical internship experience in health care facilities. The HOSA organization provides students the opportunity to gain leadership skills and the opportunity to complete in a wide variety of competitive events at both the state and national level. *36 week class, 6 credits*

### DENTAL CAREERS I

Dental Assisting I prepares the student for an entry level dental assisting position. A variety of instructional strategies and technologies are used to teach basic skills that provide an excellent foundation for post secondary dental health occupations. Course content includes in-depth study and practical applications of: infection control procedures, medical emergencies, pharmacology, diseases of the mouth, tooth identification and anatomy, dental charting, identification and utilization of dental instruments, oral hygiene instruction, community dental health education, and nutrition. Simulated in-school laboratories and/or extended laboratory experiences are included to provide opportunities for students to develop clinical skills and appropriate ethical behaviors. Leadership skills are developed and community service provided through HOSA. *36 week class, 6 credits*

## COMMUNITY HEALTH SERVICES (CNA) Seniors Only

Introduction to Community Health Services further broadens the student's knowledge of the many opportunities in health care. Varied instructional strategies and technologies will be used to introduce nursing assisting skills, home health care, hospice care, infant/child care, and community health. The course is taught in collaboration with the Indiana State Department of Health Nurse Aide Training Program which allows students to earn CNA state certification, preparing them for the work force or additional training and education. Students have the opportunity to develop leadership skills and compete in a variety of HOSA competitive events at both the state and national level. **NOTE: In order to take the CNA certification test, student must 18 years old by April 1<sup>st</sup> of their 2<sup>nd</sup> semester. 36 week class, 6 credits**

## EMERGENCY MEDICAL SERVICE (EMT) Seniors Only

Introduction to Emergency Medical Services prepares students for State Certification as an EMT B which could lead to a career in Emergency Medical Services. A variety of instructional strategies and technologies will be used to teach students about emergency medical service operations, personal and scene safety, scene and patient assessment, and patient care. Participation in HOSA affords the student the opportunity to compete in a variety of competitive events, specifically CPR/First Aid and EMT, at both the state and national level. **NOTES: 1) In order to take the EMT certification test, student must 18 years old by May 1<sup>st</sup> of their 2<sup>nd</sup> semester. 2) Emergency Medical Service classes will be held at the Public Safety Academy at the Ivy Tech South campus. No transportation is provided. 36 week class, 6 credits**

## AUTOMOTIVE TECHNOLOGY

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### AUTOMOTIVE SERVICES TECHNOLOGY I & II

Automotive Services Technology is a one year course that encompasses the sub topics of the NATEF/ASE identified areas of Steering & Suspension and Braking Systems. This one year course offering may be structured in a series of two topics per year offered in any combination of instructional strategies of semester based or yearlong instruction. Additional areas of manual transmission and differentials, automatic transmissions, air conditioning, and engine repair should be covered as time permits. This one year offering must meet NATEF program certifications for the two primary areas offered in this course. This course provides the opportunity for dual credit requirements for students who meet postsecondary requirements for earning dual credit and successfully complete the dual credit requirements of this course. Mathematical skills will be reinforced through precision measuring activities and cost estimation/calculation activities. Scientific principles taught and reinforced in this course include the study of viscosity, friction, thermal expansion, and compound solutions. Written and oral skills will also be emphasized to help students communicate with customers, colleagues, and supervisors. **There are four one semester classes: 1) Brakes, Steering, and Suspension; 2) Engine Performance; 3) Electrical Systems; 4) Engine Fundamentals/Drive Train. 36 week class, 6 credits**

### AUTOMOTIVE COLLISION REPAIR TECHNOLOGY

Automotive Collision Repair Technology includes classroom and laboratory experiences concerned with all phases of the repair of damaged vehicle bodies and frames, including metal straightening; smoothing areas by filing, grinding, or sanding; concealment of imperfections; painting; and replacement of body components including trim. Instruction should also emphasize computerized frame diagnosis, computerized color-mixing, and computerized estimating of repair costs. Additional academic skills taught in this course include precision measurement and mathematical calibrations as well as scientific principles related to adhesive compounds, color-mixing, abrasive materials, metallurgy, and composite materials. **36 week class, 6 credits**

## AVIATION TECHNOLOGY

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### AVIATION MAINTENANCE TECHNOLOGY

Aviation Maintenance Technology includes classroom and laboratory experiences concerned with the inspection, repair, servicing, and overhauling of all airplane parts including engines, propellers, instruments, fuel and oil tanks, control cables and hydraulic units. The use of technical manuals and various kinds of testing equipment should be emphasized. This training emphasizes skills needed so that students are prepared for the Federal Aviation Administration Examination for the Power Plant License. **NOTE: Located at Cook Rd. Transportation is not provided. 36 week class, 6 credits**

## CAREERS IN EARLY EDUCATION

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***Must pass criminal and background check.***

### EARLY CHILDHOOD EDUCATION I & II

Careers in Early Education prepares students for employment in early childhood education and related services for children birth to third grade and provides the foundations for study in higher education that leads to early childhood education and other child-related careers. A project-based approach that utilizes higher order thinking, communication, leadership, and management processes is recommended in order to integrate suggested topics into the study of early childhood education and services. The course of study includes, but is not limited to: planning and guiding developmentally appropriate activities for young children; developmentally appropriate practices of guidance and discipline; application of basic health and safety principles when working with children; overview of management and operation of licensed child care facilities or educational settings. Students work toward dual credit from Ivy Tech. *36 week class, 6 credits*

## CONSTRUCTION TRADES

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Throughout the year the class curriculum will cover construction safety, wall layout, blueprint reading, code and architectural drafting. Projects will provide experiences in home construction and residential remodeling. Students cover all phases of rough carpentry, roofing, siding and window installation. Skills in finish carpentry will be taught. Students will make and install finish trim and construct cabinets and vanities. Other finish projects might include constructing bookshelves, desks and china cabinets. Students will also have the opportunity to work on concrete and masonry projects which could include driveways, footings, foundations, slab and brick and block construction. Students will learn residential wiring, blueprint reading and code. Emphasis will also be placed on construction safety. *36 week class, 6 credits*

### CONSTRUCTION TECHNOLOGY I (HOME BUILDING)

Students are exposed to many phases of carpentry skills while working at a job site building or remodeling residential homes. Skills taught include reading blue prints, estimating costs and materials, and safe use of ladders and power tools. Students will frame the walls and rafters, apply sheathing and shingles to the roof, and install windows, doors and siding.

### CONSTRUCTION TECHNOLOGY I (MASONRY/CONCRETE AND FINISH CARPENTRY)

Students are exposed to all aspects of the installation of driveways, sidewalks and brick and block walls or fireplaces. Students will also design, build and install kitchen cabinets and bathroom vanities. They will learn to install, finish, trim and paint interior doors and finish trim. Other projects may include building bookcases, entertainment centers or desks.

### ELECTRICAL TECHNOLOGY I

Students are exposed to all the mechanical parts of a house. In electrical, projects include blue print reading, electrical service installations, rough wiring or rewiring and installation of receptacles, switches and light fixtures.

### PLUMBING/HVAC

Students are exposed to all the mechanical parts of a house. In HVAC and plumbing, student will learn in the school lab. If the opportunity arises during the year, tradesmen in the field of HVAC and plumbing may assist in projects of plumbing and HVAC in community projects.

## COSMETOLOGY

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### COSMETOLOGY I & II

Cosmetology includes classroom and practical experiences concerned with a variety of beauty treatments, including the beautification of hair and skin care. Instruction includes training in giving shampoos and scalp treatments, hair styling, cutting, permanent hair color and temporary hair color, bleaching, fitting wigs, permanent waving, facials, manicuring, and hand and arm massaging. Scientific knowledge related to bacteriology, anatomy, hygiene, and sanitation will be emphasized. Additional instruction in the areas of small business (salon) management, record keeping, and customer relations will also be provided in this course. Instruction is designed to qualify students for the licensing examination.

Excellent attendance during the 9<sup>th</sup> and 10<sup>th</sup> grades, and a strong desire to learn this profession with the ability to cope with repetitive practice and stand for long periods of time, are characteristics needed as a cosmetologist. Dependable transportation to and from class is necessary since the yellow bus schedule does not coincide with our attendance schedule. The Cosmetology Careers program is a two year program requiring 1500 clock hours of instruction in all phases of cosmetology. Students enter the June after the completion of the 10<sup>th</sup> grade to begin accumulating the 1500 hours needed to sit for their license at the end of the program. The program requires excellent attendance during the two regular school years plus additional instruction during the summer session and biweekly six (6) hour Saturday sessions and the Tuesday or Thursday evening class.

During the school year students attend for three and one-half hours daily; Juniors meet during PM session; Seniors meeting during the AM session. The state examination is both a written and practical test that must be passes with at least a 75% in order to receive their state license. To apply for the state board test, students must have a social security number. Any student with an IEP will be given additional time as stated on their IEP on file with the state board. After applying, completing and passing the State Board examination, students receive an Indiana Cosmetology License.

*Required Summer Session: 20 days, 8 AM – 4 PM, 2 Credits, Fee of \$180.00 a year*

## CULINARY ARTS FOUNDATIONS

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Culinary Arts Careers prepares students for occupations and higher education programs of study related to the entire spectrum of careers in the food industry, including (but not limited to) food production and services; food science, dietetics, and nutrition. Instruction and intensive laboratory experiences may include commercial applications of principles of nutritious, aesthetic, sanitary selection, purchasing, storage, preparation, and service of food and food products; using and maintaining related tools and equipment; managing operations in food service, food science, or hospitality establishments. *36 week class, 6 credits*

### CULINARY ARTS I

The program is designed to prepare students for employment in the commercial food service/hospitality industry. The focus of this program is Chef's Training. Students rotate through various areas of the kitchen and become familiar with the proper preparation and presentation techniques of salads, desserts, soups, sauces and entrees.

### CULINARY ARTS II (AM)

Culinary Arts II is an advanced approach to food and cooking principles, appetizers, mother sauces, all meats, fish and desserts. It acquaints students with restaurant style food, menu planning, pricing, inventory, line production and service. Students will participate in the Barr Street Café, learning all aspects of the front and back of the house. ACF certification is awarded after completion of this two-year program.

*Prerequisite: Recommendation from Culinary Arts I*

## MANUFACTURING

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### PRECISION MACHINING I & II

Precision Machining provides students with a basic understanding of the precision machining processes used in industrial safety, terminology, tools and machine tools, measurement and layout. Students will become familiar with the setup and operation of power saws, drill presses, lathes, milling machines, grinders and an introduction to CNC (Computer Numerically Controlled) machines. *36 week class, 6 credits*

### WELDING TECHNOLOGY I & II

Welding Technology includes classroom and laboratory experiences that develop a variety of skills detailed in American Welding Society (AWS) Entry Level Guidelines and Certifications. Areas of study include electric welding and flame and plasma cutting. Instructional activities emphasize properties of metals, safety issues, blueprint reading, electrical principles, welding symbols, and mechanical drawing through projects and exercises that teach students how to weld industrial metals in four basic welding positions. Reinforcement of mathematical skills in geometry, precision measurement, and estimation will be part of the daily instruction. Understanding the principles of metallurgy, gases, and materials science is integral to this course. *36 week class, 6 credits*

## INFORMATION TECHNOLOGY ACADEMY

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Students may receive CERTIFICATION in an area of high-tech computer careers while earning Industry certifications and dual credits at area colleges. Students will learn and work with the latest computer software and equipment in a team-based professional setting. As students study for certification in their field, they may also have an opportunity to showcase their skills while on internship at local companies. Students are encouraged to return for a second year to diversify their skills and earn other certifications. After a rotation in all areas offered in the IT Academy, students will select a major in one of the areas of study.

### COMPUTER REPAIR & MAINTENANCE TECHNOLOGY

Computer Repair and Maintenance Technology prepares students to assemble, install, program, operate, maintain, service, and diagnose operational problems in computer systems. The course includes instruction in the underlying physical sciences and supporting mathematics of computer design, installation, construction, and programming operations. The curriculum also includes the study of electrical and electronic circuits and mechanical devices used in computer construction; their combination into systems in individual computers or networked installations; and, the instruments used to detect weaknesses or failure in electrical systems in computers. Course work will require extensive technical reading and the application of information retained from that reading. *36 week class, 6 credits*

### GRAPHIC DESIGN I & II

Commercial Art and Graphic Design includes organized learning experiences that incorporate a variety of visual art techniques as they relate to the design and execution of layouts and illustrations for advertising, displays, promotional materials, and instructional manuals. Instruction also covers lettering, posters, and artwork in addition to incorporation of photographic images. Communication skills will be emphasized through the study of effective methods used to design commercial products that impart information and ideas. Students will learn various software programs relating to this field such as Adobe Illustrator, PhotoShop, and InDesign. *36 week class, 6 credits*

### RADIO/TV BROADCASTING & TELECOMMUNICATIONS

Radio/TV Broadcasting and Telecommunications provides instruction to develop and enhance competencies in various communication, marketing, media, production, and technical functions and tasks performed by employees, including management personnel, in radio/TV broadcasting and telecommunications occupations. Emphasis is placed on career opportunities, production, programming, promotion, sales, announcing, broadcast equipment operation, news and sports casting, broadcast regulations and laws, station organization, technical oral/written communication, and listening skills. Instructional strategies may include a hands-on school-based enterprise, real and/or simulated occupational experiences, such as the operation of an in-school radio, television, telecommunications, or distance learning studio, job shadowing, field trips, and internships. Students will learn several computer programs to enhance their editing skills through Adobe Premiere, Sound Booth, and After Effects. *36 week class, 6 credits*

## INTERACTIVE MEDIA DESIGN

Interactive Media Design is a career and technical education business and information technology course that will prepare students for careers in business and industry working with interactive media. Students will become competent in creating, designing, and producing secure interactive media products and services for business and industry. This program of study emphasizes the development of digitally generated or computer enhanced products using multimedia technologies. Students will develop an understanding of IT professionalism including the importance of ethics, communication skills, and knowledge of the virtual workplace. *36 week class, 6 credits*

## MICROSOFT NETWORK ADMINISTRATOR

Microsoft Network Administrator is a career and technical education, business and information technology course that will prepare students for careers in business and industry working with network systems. Students will acquire skills needed to plan, design, install, maintain, and manage network solutions used in business and industry. Students will develop an understanding of IT professionalism including the importance of ethics, communication skills, and knowledge of the virtual workplace. Skills acquired will assist students in obtaining related networking systems certifications (e.g., A+, Cisco CCNA and CCNP, Security+, Network+, Novell CNA and CNE, Microsoft MCSE, etc.). Essential skill areas include but are not limited to: Computer Hardware Maintenance, Network Operations, Network Administration, Basic Network Design Theory, Network Troubleshooting, Network Security, and Wireless Communications. *36 week class, 6 credits*

*Prerequisites: This is a 2<sup>nd</sup> year Information Technology program and teacher recommendation*

## PROGRAMMING I & II

Programming explores and builds skills in programming and a basic understanding of the fundamentals of procedural program development using structured, modular concepts. Students will learn the skills to become a software developer. We will start with computer science principles and learn the basics of computer science. Then students will learn the Python programming language. After students learn Python, they will then decide and learn another language of their choice. Finally, students will be aligned with an internship site or a non-for-profit project. To be considered for this class please submit a resume and essay on why you are interested in computer programming to the teacher and have an interview for a position in the class. It is recommended that students have passed algebra and have taken basic computer science classes. *36 week class, 6 credits*

## PUBLIC SAFETY

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### FIRE SCIENCE

The Firefighter Program is the combined effort of the Anthis Career Education Program and the Fort Wayne and Allen County Fire Departments. Fire Science includes instruction in the chemistry of fire; the use of water and other materials in fighting fires; the various kinds of fire fighting equipment such as extinguishers, pumps, hoses, ropes, ladders, gas masks, hydrants, and standpipe and sprinkler systems; methods of entry; rescue principles, practices, and equipment; salvage practices and equipment; fire and arson investigation; and, inspection techniques. Training in chemical and radiation hazards and methods designed to ensure community safety and effective clean-ups can be incorporated in this area. **NOTES: 1) In order to take the certification test, student must 17 years old by May 1<sup>st</sup> of their 2<sup>nd</sup> semester. 2) Fire Science classes will be held at the Public Safety Academy at the Ivy Tech South campus. No transportation is provided.** *36 week class, 6 credits*

### LAW ENFORCEMENT

**Must pass criminal and background check.**

Law Enforcement includes specialized classroom and practical experiences related to public safety occupations such as law enforcement, loss protection services, and homeland security. Training is based on standards and content similar to that provided by officially designated law enforcement agencies. Instruction includes procedures for patrolling on foot or in an automobile during the day or at night; dealing with misdemeanors, felonies, traffic violations, and accidents; investigative and evidence collection procedures; making arrests; and testifying in court. Students will have opportunities to use mathematical skills in crash reconstruction and analysis activities requiring measurements and performance of speed/acceleration calculations. Additional activities simulating criminal investigations will be used to teach scientific knowledge related to anatomy, biology, and chemistry. *36 week class, 6 credits*





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**Bishop Dwenger High School**

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