



BISHOP DWENGER  
HIGH SCHOOL

2026-2027

# CURRICULUM GUIDE

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

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***IMPORTANT: May 22, 2026 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 and programs offered at Bishop Dwenger High School. Its purpose is to assist in the academic planning process. This guide is an important document that you should refer to 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. Consider the following questions:

- Is this a required course, does it need to be an important part of my general education?
- Does this represent an area in which I am weak? Do I need it in order to strengthen my educational background?
- Is this course one I need to meet a requirement for entering a particular college, specialized school, training program, or a particular occupation?
- Is this course one of a sequence that will provide me with a certain degree of proficiency I will need?
- Is 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/Resource per semester. Students seeking an Academic Honors Diploma or the Enrollment Honors Seal 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 designated date in May.
4. A parent's signature is required at the bottom of the course selection sheet.

# GRADUATION REQUIREMENTS - CLASS 2029+

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## INDIANA DIPLOMA

|                        |                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Theology               | 8 credits                                                                                                                 |
| English                | 8 credits - English 9 (2), American Lit (2), English Lit (2),<br>Communication Focused (1), Additional English course (1) |
| Math                   | 7 credits - Algebra I (2), Geometry (2), Algebra II (2), Personal Finance (1)                                             |
| Science                | 7 credits - Biology I (2), Chemistry (2), STEM-focused courses (2),<br>Computing Foundations (1)                          |
| Social Studies         | 5 credits - World History (2), U.S. History (2), Government (1)                                                           |
| Physical Education     | 1 credit                                                                                                                  |
| Health                 | 1 credit                                                                                                                  |
| College & Careers      | 1 credit                                                                                                                  |
| Fine & Performing Arts | 1 credit                                                                                                                  |
| Personalized Electives | 9 credits - Students encouraged to use these to meet an honors seal requirements                                          |

**NOTE:** Students must also meet requirements an Honors Seal (see additional requirements below)

**Total = 48 credits**

## ENROLLMENT HONORS SEAL

- Math Upper Level Math (2)
- Science Physics or Other Advanced Lab Science (2)
- Social Studies Economics (1)
- World Language 4 credits in one World Language completed in high school
- Must complete **ONE** of the following:
  - A)** Four credits in Advanced Placement courses and corresponding AP exams
  - B)** Two dual credit courses resulting in six college credits
  - C)** Two credits in AP course (with exam) and one dual credit course resulting in three college credits
  - D)** Score 1250 or higher combined SAT
  - E)** Score 26 or higher composite ACT
- Cumulative GPA must be 2.667 or higher and every semester grade must be a C- or higher

## EMPLOYMENT HONORS SEAL

- Must complete **ONE** of the following:
  - A)** Three courses in a Career & Technology Education (CTE) pathway resulting in six credits
  - B)** Three courses in an approved locally-created pathway: Civic Arts is approved at BDHS
- Complete 150 hours of work-based learning (May include multiple experiences)
- Demonstrate skill development in Communication, Collaboration, and Work Ethic
- Meet attendance goal: At least 1 school year with no more than 3 days of unexcused absences

## ENLISTMENT & SERVICE HONORS SEAL

- Complete Introduction to Public Service course or approved locally-created pathway equivalent
- Achieve a score of 31 on the ASVAB and complete **ONE** of the following:
  - A)** All three components of the Career Exploration Program
  - B)** An approved career exploration tool
- Demonstrate skill development in Communication, Collaboration, and Work Ethic
- Meet attendance goal: At least 1 school year with no more than 3 days of unexcused absences

# DIPLOMA REQUIREMENTS - CLASSES 2027-2028

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## CORE 40 DIPLOMA

|                    |                                                                                                                                          |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| English            | 8 credits                                                                                                                                |
| Math               | 6 credits - Algebra I (2), Geometry (2), Algebra II (2)<br><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                                                                                                                                 |
| Theology           | 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)<br><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                                                                                                                                       |
| Theology           | 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 (2.667 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 (2.667 out of 4.0) and every semester grade must be a C- or higher.*

**Total = 53 credits**

# GRADUATION PATHWAYS REQUIREMENTS - CLASS 2027-2028

## 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

## 2. LEARN AND DEMONSTRATE EMPLOYABILITY SKILLS

Must complete **ONE** of the following:

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

## 3. COMPLETE POSTSECONDARY-READY COMPETENCIES

Must complete **ONE** of the following:

- A) Earn an Academic Honors or Technical Honors Diploma - **adjusted GPA 2.667**
- 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, **as of June 15, 2023 a signed Military Letter of Intent is required**
- E) Career-Technical Education Concentrator: Earn a C average or higher in at least two advanced high school courses in a state-approved CTE Pathway
  - BD CTE: Carpentry, Welding, Business Admin, and PLTW Biomedical
  - Career Academy at Anthis: variety of programs
  - ABC Prep Academy Construction Trades (2027 only)
  - FWCS Amp Lab at Electric Works or The Pearl
  - USF PEPP and CNA programs
- F) State and Industry Recognized Credential of Certification
- G) 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
  - 12 AP courses offered at BD
  - 10 Dual Credit courses offered at BD or area colleges
  - Currently promoting courses aligned with CLEP
- H) Locally Created Pathway - Civic Arts: Art, Music, and Student Media

# WEIGHTING OF CLASSES

## TIER 2 SCALE

### English

AP English Lit/Comp  
 AP English Lang/Comp  
 ENGL 13100 Read, Writ, Inq I  
 COM 11400 Fund Speech  
 ENGL 206 Intro Literature

### Math

AP Calculus  
 AP Statistics  
 AP PreCalc  
 MATH 135 Finite Math

### Science

AP Chemistry  
 AP Biology  
 Physics Honors  
 BIO 101 Intro Biology

### World Languages

AP French  
 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

### Social Studies

AP World History  
 AP U.S. History  
 AP Psychology

### Business

BUSN 101 Intro Business  
 OTEC 107 Intro MS Office

### College Courses

Purdue FW Ivy Tech  
 Indiana Tech Trine

### Multidisciplinary

PHIL 11000 Intro Philosophy

**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  
 PreCalc: Alg & Trig Acad  
 Finite Math  
 Calculus

### Science

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

### World Languages

French III  
 Latin III  
 Spanish III

### Social Studies

Government Honors

### Business

Accounting

### Theology

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

### Fine Arts

Band III & IV, Instr Ens III & IV, Orchestra III & IV,  
 Modern Pop III & IV, Advanced Chorus III & IV,  
 Ceramics III & IV, Digital Design III & IV,  
 Drawing III & IV, Painting III & IV,  
 Photography III & IV, Visual Comm III & IV

## STRAIGHT SCALE

All other courses not listed above

# GRADE SCALES & POINTS

| Percentage | Letter Grade | Straight Scale<br>Grade Point | Tier 1 Scale<br>Grade Point | Tier 2 Scale<br>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.

# APPROVED NCAA COURSES

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## ENGLISH - 4 yrs required

ADVANCED COMPOSITION  
ADVANCED SPEECH  
AMERICAN LITERATURE  
AMERICAN LITERATURE/ACAD  
AMERICAN LITERATURE/HON  
CREATIVE WRITING  
DRAMATIC LITERATURE  
ENG LANG/COMP AP  
ENG LIT/COMP AP  
ENGLISH 9  
ENGLISH 9/ACADEMIC  
ENGLISH 9/HON  
ENGLISH LITERATURE  
ENGLISH LITERATURE/ACAD  
ENGLISH LITERATURE/HON  
ETYMOLOGY  
EXPOSITORY WRITING  
FILM LITERATURE  
DIGITAL MEDIA  
PFW COM 114 FUND SPEECH  
PFW ENG 13100 READ WRIT, INQUIRY I  
SPEECH I

## SOCIAL STUDIES - 2 yrs required

ECONOMICS  
PSYCHOLOGY  
PSYCHOLOGY AP  
SOCIOLOGY  
US GOVERNMENT  
US GOVERNMENT/HON  
US HISTORY  
US HISTORY AP  
WORLD GEOGRAPHY  
WORLD HISTORY/CIV

## MATHEMATICS - 3 yrs required

ALGEBRA 1/ACADEMIC  
ALGEBRA 2/ACADEMIC  
ALGEBRA 2/HON  
ALGEBRA I  
CALCULUS  
CALCULUS AB/AP  
CALCULUS BC AP  
FINITE MATH  
GEOMETRY ACADEMIC  
GEOMETRY  
GEOMETRY/HON  
PRECALCULUS/TRIGONOMETRY HON  
STATISTICS/AP  
TRIG/PRECALC  
TRIGONOMETRY/PRECALCULUS ACADEMIC

## NATURAL/PHYSICAL SCIENCE - 2 yrs required

ADV SCI GENETICS  
ADV SCI MICROBIOLOGY  
ADV SCIENCE FORENSIC SCIENCE  
ANATOMY & PHYSIOLOGY  
BIOLOGY 2  
BIOLOGY 2/AP  
BIOLOGY I  
BIOLOGY I/HON  
CHEMISTRY I  
CHEMISTRY I/HON  
CHEMISTRY II  
CHEMISTRY/AP  
EARTH/SPACE SCIENCE  
ENVIRONMENTAL SCIENCE  
INTEGRATED CHEMISTRY/PHYSICS  
PHYSICS  
PHYSICS/HON

## ADDITIONAL CORE COURSES

FRENCH I-IV  
LATIN I-IV  
PFW PHIL 11000 INTRO PHILOSOPHY  
PFW SPAN 20301 2ND YEAR SPANISH I  
PFW SPAN 20401 2ND YEAR SPANISH II  
SPANISH FOR HERITAGE SPEAKERS  
SPANISH I-V  
SPANISH IV HONORS  
SPANISH V HONORS

- NOTES:** **1)** In addition to the requirements for English, math, and science, 1 additional year from one of the three subjects is required.
- 2)** To meet NCAA DIV I eligibility requirements, students must complete 16 full-year core courses, ten of which need to be completed prior to grade 12. This may include Spanish I and Algebra I taken in grade 8.
- 3)** The NCAA does not typically accept online courses, which may include summer school courses.
- 4)** For complete NCAA requirements, including core course GPA and test scores, review information at <https://web3.ncaa.org/ecwr3/>.
- 5)** This course listing is current as of 8/1/25.

# 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 outlined for each course in the subsequent pages.

## 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. **NOTES: 1) Students may not withdraw from an AP course at semester unless their grade is lower than a C-. 2) Students are responsible for fees incurred for the AP exams. Financial assistance may be available for those who are ENROLLED in the free/reduced lunch program. The 2025-26 full test fees were \$99 for each AP exam (free/reduced lunch program participants paid \$10 for each AP exam); the 2026-27 test fees will likely be similar. 3) AP exams will be ordered in November. Students who withdraw from an AP course after exams are ordered will be charged an additional \$40 to cover CollegeBoard's exam cancellation fee.**

## 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:* COM 11400 Fundamentals of Speech; 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 (2025-26 costs)

*Courses:* BIOL 101 Intro Biology; ENGL 206 Intro to Literature; MATH 135 Finite Math; BUSN 101 Intro Business;

Otec 107 Intro MS Office

*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, and Ivy Tech 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 in-person and online. 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: 1) 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. 2) College courses must be approved by the Guidance Department.**

*School:* Purdue Fort Wayne Collegiate Connection

*Cost:* \$317.74 per credit hour; \$953.22 per 3-credit hour class, plus the cost of books (2025-26 costs)

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

*College:* Ivy Tech Community College

*Cost:* \$178.38 per credit hour; \$535.14 per 3-credit hour class, plus the cost of books and fees (2025-26 costs)

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

*College:* Indiana Tech Early Start

*Cost:* \$225 per 3-credit hour class, plus the cost of books (2025-26 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>

*College:* Trine University Dual Enrollment

*Cost:* \$50 per credit hour for online class; \$150 per 3-credit hour online class; plus the cost of books and fees (2025-26 costs)

*Website:* <https://www.trine.edu/admission-aid/dual-enrollment/index.aspx>

## CLEP (COLLEGE-LEVEL EXAMINATION PROGRAM)

The CLEP is sponsored by College Board and allows students to earn college credit through course examination. CLEP exams typically take 90-120 minutes to complete and are offered at CLEP test centers, including PFW and Ivy Tech. Cost is approximately \$107 (2025-26 costs) per exam. Not all colleges accept CLEP credit; please review <https://clep.collegeboard.org/clep-college-credit-policy-search>. BD courses that are best CLEP aligned are denoted in the course descriptions within this curriculum guide.

## EARLY GRADUATION

Seniors who have met diploma and Graduation Pathways requirements may be eligible to graduate at the end of their seventh semester. Graduation Pathways requirements MUST be met by the end of the junior year. This can be discussed at the time of scheduling for senior year. **NOTE: The option to graduate early from Bishop Dwenger High School will NOT be an option beyond the Class of 2027 due to Diocesan directive.**

## SENIOR PRIVILEGE

Seniors who maintain a minimum grade of an A- in any class for their final semester of attendance, and have no honesty policy violations, and complete all required service hours on time, are eligible for senior privilege in that class. See the student handbook for details.

## 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" must be changed over to a final grade within two weeks after the end of the quarter.

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

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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 if the student does not already have 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

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Students may repeat a class to earn a passing grade or improve their original grade if their course grade is below a C-. 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

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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

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Students not passing five or more classes 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

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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 22, 2026 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 22, 2026. 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 22, 2026.

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.

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* - Ecumenism and Interreligious Dialogue, Church History, Vocations, Great Catholic Thinkers (Philosophy) Honors, Dignity of Women (Philosophy) Honors, Dignity of Men (Philosophy) Honors

### Freshman Courses

#### THEO 1 THE WORD OF GOD [1022]

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 [0550]

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 [0550]

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 [0550]

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 [0550]

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 [0514]

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 [0514]

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 CHURCH HISTORY [0550]

The purpose of this course is to supply the students with a general knowledge of the Church's history from apostolic times to the present. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him throughout history through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today and, as such, has both divine and human elements. In this course, students will learn about the Church's 2,000 years of history and about how the Church is led and governed by the successors of the Apostles.

### DIGNITY OF WOMEN (PHILOSOPHY) HONORS [0550]

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 [0550]

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 9 ECUMENISM & INTERRELIGIOUS DIALOGUE [0514]

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 [0550]

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 [0550]

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*

# A R T

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

Sculpture  
Visual Communication I & II  
Digital Design I & II  
Ceramics I & II

### Grade 10-12

Painting I, II, III, & IV  
Drawing I, II, III, & IV  
Visual Communications III & IV  
Digital Design III & IV  
Ceramics III & IV

### **SCULPTURE [4044] (Grades 9, 10, 11, 12) 1 Semester**

Students in sculpture engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production. Using metal, wood, and stone, students create portfolio quality works. They create realistic and abstract sculptures utilizing subtractive and additive processes of modeling, construction, and assembling. They reflect upon and refine their work. Technical skills and procedures are needed for complete projects.

### **VISUAL COMMUNICATION I [4086] (Grades 9, 10, 11, 12) 1 Semester**

Students in the first level of the visual communications track will be focused on the history, mediums, and techniques of printmaking. Students will learn relief block and silk screen printing techniques. Students will produce editions of prints and learn how printmaking can be utilized in fine arts/commercial/industrial settings.

### **VISUAL COMMUNICATION II [4086] (Grades 9, 10, 11, 12) 1 Semester**

Students in the second level of visual communications will learn how to create independently designed editions of prints using relief block/silk screen skills learned in the level I course and expand their knowledge of printing techniques. Students will correlate their themed editions to a functional marketing process.

### **VISUAL COMMUNICATION III [4086] (Grades 10, 11, 12) 1 Semester**

This is an advanced level course building on the techniques and processes that were introduced in level one and two. Students will learn how to use Illustrator/Fresco to create promotional media for local companies/school activities and will continue to use traditional media to explore thematic editions. Students will develop a deeper understanding of how to communicate through visual imagery. Students will learn how to create a professional portfolio exhibiting their design and fabrication skillsets.

### **VISUAL COMMUNICATION IV [4086] (Grades 10, 11, 12) 1 Semester**

This is the final course in the visual communication track. Students will develop independent designs for products/services that will be produced for local companies/school activities. Students will continue to build their software knowledge as it applies to graphic design processes. They will collaborate with business owners/staff from local companies/school administration to discuss their designs, undergo professional critique, and learn how their product/graphic designs can be fabricated. Students will complete a professional portfolio that will include examples of design skill/fabricated products.

## **DIGITAL DESIGN I [4082] (Grades 9, 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on learning both Adobe Photoshop and Illustrator software. Students will learn the basics of design and layout, along with photography, while using the software. All projects are designed for students that want to develop rendering skills for career areas that may correlate to fine art, digital art, or traditional media. Projects include greeting card design, t-shirt creation, and vector image posters.

## **DIGITAL DESIGN II [4082] (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 animation and 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 applications or for submission to nationwide competition.

## **DIGITAL DESIGN III [4082] (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. A deeper understanding of the software with 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 [4082] (Grades 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on the Adobe 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. Student must submit a written proposal for the theme and discuss media choice for the portfolio.

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

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

## **CERAMICS I [4040] (Grades 9, 10, 11, 12) 1 Semester**

This introductory one-semester course is designed for students interested in exploring the fundamentals of hand-building techniques in clay. Students will gain hands-on experience with coil construction and extruding, slab construction, glazing, and firing processes. The course emphasizes creative expression and the technical skills necessary for successful ceramic construction, making it ideal for beginners.

## **CERAMICS II [4040] (Grades 9, 10, 11, 12) 1 Semester**

Building on the foundations of Ceramics I, this one-semester course introduces students to wheel-throwing techniques, focusing on creating functional forms such as cylinders, mugs, and bowls. Students will deepen their understanding of glazing and firing methods while refining their craftsmanship. Additionally, the course incorporates production planning, aesthetic considerations, and art history to support the development of a comprehensive ceramic portfolio. This portfolio may be used for college applications or submission to national art competitions. Class critiques encourage peer feedback and foster artistic growth.

### **CERAMICS III [4040] (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 [4040] (Grades 10, 11, 12) 1 Semester**

This advanced one-semester course focuses on refining wheel-throwing techniques and exploring complex hand-building methods. Students will create cohesive sets of multiple pieces, large hand-built vessels, and small figurative works. The curriculum includes advanced glazing and firing techniques to enhance the quality of their creations. Projects are designed to contribute to a professional ceramic portfolio suitable for college applications or national art competitions.

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

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

### **PAINTING I [4064] (Grades 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 acrylic painting. This includes painting from still-life objects (geometric 3D forms) to learn realistic rendering/lighting effects. Students will also learn how to design an abstract painting using contemporary concepts/acrylic techniques.

### **PAINTING II [4064] (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 gain acrylic painting skills. Projects will include a themed portrait and an intuitive abstract painting. Paintings from this level can be used for collegiate application, exhibitions, submission to national scholastic competition. Production, aesthetics, art history, and class critique are integral components of this course.

### **PAINTING III [4064] (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 gain technical painting expertise by experimenting with different types of painting media and styles. Students will create a design for the Saints Alive fundraiser using mixed media painting techniques, utilize an independently designed reference image as a basis for a project, and complete a self-portrait. Artwork at this level can be utilized for collegiate application, exhibitions, and submission to national scholastic competition. Production, aesthetics, art history, and class critique are integral components of this course.

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

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

### **PAINTING IV [4064] (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 gain technical painting expertise by experimenting with different types of painting media and styles. Students develop independently designed paintings that reflect personal interests and create a portfolio of paintings that can be used for collegiate application, exhibitions, submission to national scholastic competition. Production, aesthetics, art history, and class critique are integral components of this course.

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

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

## **DRAWING I [4060] (Grades 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on realistic rendering. The projects are designed for students that want to develop rendering skills for career areas that may correlate to fine art (graphic design/animation/traditional arts), architecture, industrial design. Projects include drawing from a still-life, figurative/portrait drawing basics.

## **DRAWING II [4060] (Grades 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on media and techniques of drawing. In this advanced level course, students will continue to gain technical drawing expertise. Projects include drawing from still-life objects (skulls), cartoon morphing. Students will learn about developing a portfolio that can be used for collegiate applications, exhibits, art competition entry (National Scholastic Art). Production, aesthetics, and class critique are integral parts of this course.

## **DRAWING III [4060] (Grades 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on the media and techniques of drawing. In this advanced level course student will continue to focus on gaining realistic drawing expertise. Projects include: Classical bust drawing (drawing from a plaster portrait bust), mixed media drawing (independent design). Students will develop portfolios for collegiate applications, exhibits, art competition entry (National Scholastic Art). At this level, students will be required to submit work for the national scholastic exhibit, USF high school exhibit, EOY exhibit at Bishop Dwenger. Production, aesthetics, 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 [4060] (Grades 10, 11, 12) 1 Semester**

This is a one semester course specifically focused on the media and techniques of drawing. In this advanced level course student will continue to focus on gaining realistic drawing expertise but will be encouraged to develop personal styles and explore media. Projects include: Full body Skeletal Drawing (still life set-up) with mixed media application, self Portrait (color rendering, choice of media), themed drawing (students will select one of four themes and correlate image to theme. Students select media). Optional: Portfolio: (4) large scale drawings themed with media choice. Student must submit a written proposal for the theme and discuss media choice.

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

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

# B U S I N E S S

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

### Grades 9-12

Preparing for College & Careers  
Personal Financial Responsibility  
Computing Foundations for a Digital Age

### Grades 10 - 12

Principles of Business Management I & II  
BUSN 101 Introduction to Business  
OTEC 107 Intro to Microsoft Office  
Principles of Marketing I & II

### Grades 11 - 12

Accounting

### Grade 12

Work-Based Learning

**NOTE: A maximum of two credits may be earned in courses with the Principles of Business Management title. This includes Ivy Tech's BUSN 101 and OTEC 107.**

## PREPARING FOR COLLEGE & CAREERS [5394] (Grades 9, 10, 11, 12) 1 Semester

Preparing for College and Careers addresses the knowledge, skills, and behaviors all students need to be prepared for success in college, career, and life. The focus of the course is the impact of today's choices on tomorrow's possibilities. Topics to be addressed include twenty-first century life and career skills; higher order thinking, communication, leadership, and management processes; exploration of personal aptitudes, interests, values, and goals; examining multiple life roles and responsibilities as individuals and family members; planning and building employability skills; transferring school skills to life and work; and managing personal resources. This course includes reviewing the national career clusters and Indiana's College and Career Pathways, in-depth investigation of one or more pathways, reviewing graduation plans, exploring postsecondary options and making career plans, and developing personal and career portfolios. A project based approach, including computer and technology applications, cooperative ventures between school and community, simulations, and real world experiences is recommended. **NOTE: This course is required for all students beginning with the class of 2029.**

## PERSONAL FINANCIAL RESPONSIBILITY [4540] (Grades 9, 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.**

## COMPUTING FOUNDATIONS FOR A DIGITAL AGE [4565] (Grades 9, 10, 11, 12) 1 Semester

Computers and the internet have revolutionized the way we access and disseminate information. As technology continues to change at an ever-increasing pace, the need for students to gain a foundational understanding of computer science is clear. Computing Foundations for a Digital Age is designed to introduce students to five major topics within computer science including computing systems, networks and the internet, data and analysis, algorithms and planning, and impacts of computing. The course introduces foundational computing concepts while exploring current events and building critical thinking, collaboration, problem solving, and other important skills that are invaluable for life in a global and technologically advancing society. **NOTE: This course is required for all students beginning with the class of 2029.**

## PRINCIPLES OF BUSINESS MANAGEMENT I & II [4562] (Grades 10, 11, 12) 1 Semester

Principles of Business Management I 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. **NOTE: This course is a one or two semester course. Principles of Business Management I must be taken before Principles of Business Management II but does not need to be taken in consecutive semesters.**

## IVY TECH BUSN 101 INTRODUCTION TO BUSINESS [4562] (DUAL CREDIT)

**BD Course Title: Adv. Principles of Business Management II (Grades 10, 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. **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 Adv. Principles of Business Management II.**

*Prerequisites: Sophomores may only enroll if they have completed Principles of Business Management I  
Juniors and Seniors may enroll without completing Principles of Business Management I if they have achieved the Ivy Tech enrollment guidelines listed below and are not attempting to meet Graduation Pathways with a Career Technical Concentrator or Locally Created Pathway  
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*

## IVY TECH OTEC 107 INTRO TO MICROSOFT OFFICE [4562] (DUAL CREDIT)

**BD Course Title: Adv. Principles of Business Management I (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 Adv. Principles of Business Management I.**

*Prerequisites: Sophomores may enroll only if they have achieved the PSAT scores for Ivy Tech enrollment listed below  
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*

## PRINCIPLES OF MARKETING I & II [5914] (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 [4524] (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. **NOTE: Students may elect to take the Accounting CLEP exam on his/her own.**

*Prerequisite: Must achieve a C- in semester 1 to continue in semester 2*

## **WORK-BASED LEARNING [5974] (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*

*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.

| Freshman                                                                                                                                                                                                                                                | Sophomore             | Junior                                     | Senior                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------|------------------------------------------------|
| English 9 Honors                                                                                                                                                                                                                                        | American Lit Honors   | AP English Lit/Comp;<br>English Lit Honors | AP English Lang/Comp;<br>ENGL 13100; COM 11400 |
| English 9 Academic                                                                                                                                                                                                                                      | American Lit Academic | English Lit Academic                       | Two English Electives                          |
| English 9                                                                                                                                                                                                                                               | American Literature   | English Literature                         |                                                |
| <b>English Electives:</b> Dramatic Lit; Speech I; Digital Media; Etymology; Creative Writing; Critical Thinking & Argumentation; Expository Writing; Film Lit; Short Stories; ENGL 206 Intro Lit<br>(see course descriptions for approved grade levels) |                       |                                            |                                                |
| <b>Fine Arts Elective:</b> Student Media                                                                                                                                                                                                                |                       |                                            |                                                |

### ENGLISH 9 HONORS [1002] (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 [1002] (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 [1002] (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 and parent consent required*

## AMERICAN LITERATURE HONORS [1004] (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 [1004] (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 [1004] (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 and parent consent required*

## AP ENGLISH LITERATURE & COMPOSITION [1058] (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 English Literature and Composition 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 [1030] (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 [1030] (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 [1030] (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 and parent consent required*

## AP ENGLISH LANGUAGE & COMPOSITION [1056] (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: 30 minutes*

## DRAMATIC LITERATURE [1028] (Grades 9, 10, 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, comedy, and drama) through the use of film and print resources.

## **SPEECH I [1076] (Grades 9, 10, 11, 12) 1 Semester**

This course focuses on 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, and debate among others.

## **DIGITAL MEDIA [1084] (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.

## **ETYMOLOGY [1060] (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.

## **CREATIVE WRITING [1092] (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.

## **EXPOSITORY WRITING [1094] (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.**

## **FILM LITERATURE [1034] (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.

## CRITICAL THINKING & ARGUMENTATION [1074] (Grades 11, 12) 1 Semester

This course is a study of deductive and inductive logic, including logical fallacies, and should challenge students to think critically, analytically, and philosophically. Students learn to formulate thoughtful inquiry questions, connect ideas or concepts, challenge ideas and concepts, rephrase ideas when appropriate. Active class participation is essential, including persistent questioning, rational discussion, and reasoned argumentation. Students make comments that reflect the development of logic (in line with reasoning), represent clear point of view, and involve evidence of support (data, examples, anecdotes, documents, information from a variety of sources).

*Prerequisite: Teacher recommendation*

## SHORT STORIES [1046] (Grades 11, 12) 1 Semester

This course is a study of the distinct features of the short story, such as tightly focused narrative fiction. The course may be organized by historical periods, themes, or authors. Students examine short stories with modernist and contemporary themes by a variety of authors from the perspective of audience, purpose, and historical development. Students analyze what distinguishes the short story genre from other literary genres (e.g., novels, epics, romances, biographies).

## PURDUE FW ENGL 13100 READ, WRIT, & INQUIRY I [1098] (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

## PURDUE FW COM 11400 FUND SPEECH COMMUNICATION [1078] (DUAL CREDIT)

### **BD Course Title: Advanced Speech & Communication (Grade 12) 1 Semester**

This course introduces students to public speaking by focusing on intrapersonal and interpersonal skills. Students will learn the process of communication and how to tailor speeches, discussion, and rhetoric to reach a variety of audiences. The writing process will also be heavily used in speech planning. They will apply these skills to inform, to persuade, to entertain, and to debate. **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 Speech and Communication.**

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

## IVY TECH ENGL 206 INTRO TO LITERATURE [1124] (DUAL CREDIT)

### **BD Course Title: Adv.English/Language Arts (Grade 12) 1 Semester**

An introductory English course, that teaches students how to read, analyze, and interpret various literary texts, such as poetry, drama, and fiction. The course focuses on developing critical reading skills through class discussions and writing assignments, and it is typically recommended after students have completed their introductory composition requirements. **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 Adv. English/Language Arts.**

*Prerequisite: A cumulative GPA of 2.6 or higher per Ivy Tech, 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*

## STUDENT MEDIA [1086] (Grades 9, 10, 11, 12) 2 Semesters

This challenging and rewarding course based on the high school journalism and student media standards. The course fulfills the fine arts requirement for the Core 40 with academic honors. This course combines the multimedia aspects of producing a monthly newspaper, an annual yearbook, and daily and weekly livestreaming of announcements, athletic events, and other school-related activities. There will be required class-related participation hours outside of the classroom and outside the school. Students exhibit their ability to do journalistic writing and photography and design for high school media, including school newspapers, yearbooks, and a variety of other media formats. Students reveal their ability to do journalistic writing and design in print media. All the students will master skills in writing articles, taking pictures, and designing pages for the purpose of informing, entertaining, and persuading classmates as well as adults. Students work on high school media staffs so that they may prepare themselves for career paths in journalism, communications, writing, or other related fields. **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          | Geometry            | Algebra II               | PreCalc: Alg & Trig                                                         |
| Algebra I Academic | Geometry Academic   | Algebra II Academic      | PreCalc: Alg & Trig Acad                                                    |
| Algebra I Academic | Geometry Honors     | Algebra II Honors        | PreCalc: Alg & Trig Hon                                                     |
| Geometry Academic  | Algebra II Academic | PreCalc: Alg & Trig Acad | Finite or Calculus                                                          |
| Geometry Academic  | Algebra II Honors   | AP PreCalculus           | MATH 135 Finite, Finite, Calculus, AP Calc AB, AP Calc BC, or AP Statistics |
| Geometry Honors    | Algebra II Honors   | AP PreCalculus           | MATH 135 Finite, Calculus, AP Calc AB, AP Calc BC, or AP Stats              |
| Algebra II Honors  | AP PreCalculus      | AP Calc AB or AP Calc BC | MATH 135 Finite, AP Statistics, or PFW Calculus                             |

### ALGEBRA I ACADEMIC [2520] (Grade 9) 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 mins.*

### ALGEBRA I [2520] (Grade 9) 2 Semesters

This is a simplified 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 and parent consent required*

### GEOMETRY HONORS [2532] (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 freshmen)  
Daily estimated time outside of class: 45 mins.*

## **GEOMETRY ACADEMIC [2532] (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. This course will also spend time reviewing Algebra 1 skills to prepare students for Algebra II.

*Prerequisites: Passed Algebra I, with a C average, and placement exam (incoming freshman)*

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

## **GEOMETRY [2532] (Grades 9, 10, 11, 12) 2 Semesters**

This 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. This course will also spend time reviewing Algebra 1 skills to prepare students for Algebra II.

*Prerequisite: Teacher recommendation and parent consent required*

## **ALGEBRA II HONORS [2522] (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 [2522] (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 functions and their graphs, the use of the properties of real numbers in proofs, quadratic equations including the quadratic formula, and irrational numbers and radicals.

*Prerequisites: Passed Algebra I and Geometry with a C average*

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

## **ALGEBRA II [2522] (Grades 10, 11, 12) 2 Semesters**

This is a simplified 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 and parent consent required*

## **AP PRE-CALCULUS [2563] (Grades 11, 12) 2 Semesters**

This course is replacing Pre-Calculus Honors. AP Pre-Calculus is a course based on the content established and copyrighted by the College Board. This course covers topics including modeling real-world data, exploring multiple representations, and mastering symbolic manipulation. The course teaches students to approach precalculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

*Prerequisites: Qualify for the Honors Program and teacher recommendation*

*Passed Algebra II Honors with a B or higher*

*Daily estimated time outside of class: 1 hour*

## PRE-CALCULUS: ALGEBRA ACADEMIC [2564] (Grades 11, 12) 1 Semester

This first semester class extends the foundations of algebra and functions developed in Algebra II to new functions including exponential and logarithmic functions. The course provides students with the skills and understandings that are necessary for advanced manipulation of angles and measurement. Pre-Calculus: Algebra is made up of five strands: Functions; Quadratic, Polynomial, and Rational Equations and Functions; Exponential and Logarithmic Functions; Sequences and Series; and Conics.

*Prerequisites: Passed Algebra I, Geometry, and Algebra II with a C average*

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

## PRE-CALCULUS: TRIGONOMETRY ACADEMIC (Grades 11, 12) 1 Semester

This second semester class provides students with the skills and understandings that are necessary for advanced manipulation of angles and measurement. Trigonometry consists of six strands: Unit Circle; Triangles; Periodic Functions; Identities; Polar Coordinates and Complex Numbers; and Vectors.

*Prerequisites: Passed Algebra I, Geometry, and Algebra II with a C average*

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

## PRE-CALCULUS: ALGEBRA [2564] (Grades 11, 12) 1 Semester

This course will spend the first semester reinforcing Algebra II skills using an elementary approach to functions. Polynomial, exponential and logarithmic functions will be discussed along with rational expressions and functions.

*Prerequisites: Passed Algebra I, Geometry, and Algebra II, with teacher recommendation*

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

## PRE-CALCULUS: TRIGONOMETRY [2566] (Grades 11, 12) 1 Semester

This course will be the second semester that follows Pre-Calc: Algebra. Trigonometry will be introduced starting with quadrants, angles and the radian values. More in depth Trigonometry studies with progress from that, such as identities, graphing, and solving equations.

*Prerequisites: Passed Algebra I, Geometry, and Algebra II, with teacher recommendation*

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

## IVY TECH MATH 135 FINITE MATH [2530] (DUAL CREDIT)

### **BD Course Title: Finite Mathematics (Grade 12) 2 Semesters**

This dual credit course, offered in collaboration with Ivy Tech Community College, provides a comprehensive introduction to the fundamental concepts of finite mathematics. Major topics include linear equations and inequalities, systems of linear equations, elementary set theory, matrix algebra and its applications, linear programming, and introductory probability. Emphasis is placed on analytical reasoning, mathematical modeling, and the application of mathematical methods to real-world contexts. Completion of this course may result in both high school and college credit, depending on institutional requirements and performance standards. **NOTES: 1) While this course corresponds to a one-semester college course at Ivy Tech, BDHS offers it over two semesters to provide additional instructional time and support for mastery of the material. 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 Ivy Tech dual credit, the BD course title will be Finite Mathematics.**

*Prerequisites: Teacher recommendation*

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

## FINITE MATHEMATICS [2530] (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: C in Trigonometry and teacher recommendation*

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

## **AP STATISTICS [2570] (Grades 11, 12) 2 Semesters**

This is a rigorous, non-Calculus introductory college level Statistic course. 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. This framework focuses on students being able to understand structural processes and principles and apply them to projects throughout the year. Concepts of Statistics will be stressed so as to be prepared to take the Advanced Placement examination in the spring.

*Prerequisites: Pre-Calculus/Trigonometry Honors and department recommendation  
Daily estimated time outside of class: 1 hour*

## **AP CALCULUS AB [2562] (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 and department recommendation  
Daily estimated time outside of class: 1 hour*

## **AP CALCULUS BC [2572] (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 and department recommendation  
Only honors pre-calculus students who achieved a minimum of 95% in both semesters 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 Calculus AB with teacher approval  
Daily estimated time outside of class: 1 hour*

## **CALCULUS [2527] (Grades 11, 12) 2 Semesters**

This Calculus course will extend a student's knowledge of functions, graphs, Trigonometry and limits acquired in prior courses. The two branches of Calculus (Differential and Integral) will be surveyed and applied to real world problems involving optimization, related rates, volumes, rates of change, acceleration, velocity and position.

*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.*

## PURDUE FW PHIL 11000 INTRO PHILOSOPHY [1574]

(DUAL CREDIT) **BD Course Title: Adv. Social Studies (Grade 12) 1 Semester**

Philosophy, taken from its Greek roots, can be defined as “love of wisdom.” This course, using the philosophical tools of definition of terms, logical thought, critical textual analysis and open-minded discussion, will encourage critical self-examination, or what Socrates considered wisdom. By means of Socratic Dialogue, it will explore fundamental questions like: What does it mean to be human? What is the relationship of the body, the mind and the soul? How can we tell the difference between illusion and reality? Are humans free or determined? How do we develop a moral code? What does the ideal society look like? What is the role of art and literature in human life? Are science and philosophy compatible? Can philosophical proofs get us to God? Students will be evaluated on the basis of quizzes, journal writing, participation in discussion, and mid-term and final essay exams.

**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 Adv. Social Studies.**

*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

### Grades 9-12

Beginning Chorus  
Beginning Concert Band  
Instrumental Ensemble  
Orchestra  
Modern Pop Ensemble  
Show Choir (extracurricular)  
Marching Band (extracurricular)  
Musical Theater (extracurricular)

### Grades 10-12

Adv Chorus  
Adv Concert Band  
Music History & App

## **BEGINNING CHORUS [4182] (Grades 9, 10, 11, 12) 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. 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. **NOTE: Only two semesters of this class can be offered to any individual.**

## **ADVANCED CHORUS [4188] (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. 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 Tier 1 weighted for the third and fourth year.

*Prerequisite: Permission of the teacher*

## **SHOW CHOIR [4184] (Grades 9, 10, 11, 12) 2 Semesters**

Aligned to the Indiana Academic Standards for Music Ensembles the Show Choir (year-long) course is designed to provide students with, but not limited to, the following advanced vocal musical learning experiences: continuing development of sight-reading ability; analyzing, rehearsing, and performing unison, two-, three-, and four-part music; singing with small and large ensembles in addition to solo opportunities; singing a cappella; experiencing a wide variety of choral literature including secular and sacred music; singing with individual and ensemble instrumental accompaniment; and participating in choral performances.

*Prerequisite: Vocal/music reading audition required; Auditions are held in the spring for the following school year*

## **BEGINNING CONCERT BAND [4160] (Grade 9, 10, 11, 12) 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. Performances 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. **NOTE: Only two semesters of this class can be offered to any individual.**

## **ADVANCED CONCERT BAND [4168] (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. Performances 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: Beginning Concert Band or permission of the teacher*

## **MARCHING BAND [4200] (Grades 9, 10, 11, 12) 1 Semester**

This course is a comprehensive approach to learning how to play an instrument as well as gaining a general understanding of the many aspects of music. Students will explore the effects of music on our culture and society while learning about the different social and cultural influences in music. This will be accomplished by demonstrating and understanding an appreciation of music throughout history and various cultures, and performing expressively through balance, blend, articulation, dynamics, phrasing, and movement. Through performance, students will learn instrument specific techniques and utilize historical selections and culturally relevant dance. Through analysis, description, and movement, students will learn to convey a composer's intent to an audience utilizing musical techniques.

## **INSTRUMENTAL ENSEMBLE (PERCUSSION) [4162] (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 [4166] (BEGINNING/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: MODERN POP ENSEMBLE [4200] (Grades 9, 10, 11, 12) 2 Semesters**

This full year course is designed for students with multiple levels of experience. Saints Rock! uses contemporary popular music as its repertoire, such as pop, hip-hop, R&B, electronic dance music, and other contemporary styles as they emerge. Saints Rock! also utilizes (but not limited to), instruments that are common to these genres: guitar, bass, drums, voice, and other technology. Saints Rock! will provide students with a sequential, skills-based, standards-aligned curriculum that will help our students from complete beginner to proficient music makers. A limited number of public performances may serve as a culmination of daily and musical goals.

## **MUSICAL THEATER [0518] (Grades 9, 10, 11, 12) 1 Semester**

Students in this course study the history of musical theatre and its place in today's society. They participate in staging, choreographing, rehearsing, and performing original or existing musical work. These activities should incorporate elements of theatre history, culture, analysis, response, creative process, and integrated studies. Additionally, students explore career opportunities in the theatre, attend and critique theatrical productions, and recognize the responsibilities and the importance of individual theatre patrons in their community. Students will work as soloists and in small and larger ensembles **NOTE: May be taken for up to four semesters total.**

## **MUSIC HISTORY AND APPRECIATION [4206] (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.

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.

## AVAILABLE COURSE BY GRADE

### Grades 9-12

Physical Education

### Grades 10-12

Health Education

Intro to Sports Officiating

Intro Weight/Strength Training

## PHYSICAL EDUCATION [3542] (Grade 9) Required, 1 Semester

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. **NOTE: This course may be taken up to two times, in alternating semesters.**

## HEALTH EDUCATION [3506] (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 may also be offered.

## INTRODUCTION TO SPORTS OFFICIATING [3560] (Grades 10, 11, 12) 1 Semester

Using the program RefReps, students will explore and become certified in officiating youth sports. This hybrid class model of working through online modules coupled with interactive activities, will allow students to make the call and learn the sport from an officials perspective. RefReps is designed to provide the depth and breadth of content that helps students develop leadership, time management, and conflict resolution skills and become immediately employable! **The fall semester** will consist of Football, Volleyball, and student choice of sport. **The spring semester** will consist of Baseball, Basketball, and student choice of sport. Sports of choice can include: Lacrosse, Field & Ice Hockey, Soccer, Swim & Dive, Flag Football, Wrestling, and Track & Field. Each semester will allow a student to get certified in the sports by successfully completing the online course and certification test. Students may take either semester or both semesters, depending upon the interest in the sports being offered. Upon certification, students will be able to referee middle school events. The course will conclude with an IHSAA probationary license by successfully passing the certification test. **NOTE: This course may be taken up to two times.**

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

## INTRO TO WEIGHT & STRENGTH TRAINING [3560] (Grades 10, 11, 12) 1 Semester

In this elective Physical Education class, students can further learn about the body's muscles within the weight room environment. With an initial emphasis on weight room safety and etiquette, introductory level lifters will progress into proper weight room exercise techniques. Students will be tested upon improvement in strength, power, speed, and mobility/agility assessments. Promoting total body mobility and strength, this course is designed for those who want to learn more about fitness within a weight room environment. All students must complete the introductory course in weight and strength training to progress on to the advanced course. This course is ideal for students who participate on athletic teams to build endurance and strength. **NOTE: This course may be taken up to four semesters.**

# SCIENCE

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

### Grades 9-12

Biology I Honors  
Biology I Academic  
Biology I  
PLTW Princ Biomedical

### Grades 10-12

Chemistry Honors  
Chemistry Academic  
Earth/Space Science  
Environ. Science  
Anatomy & Physiology  
Human Genetics  
Microbiology  
Biology II  
PLTW Human Body Syst

### Grades 11-12

Biology AP  
Chemistry AP  
Chemistry II  
Integ Chem & Physics  
Forensic Science  
BIOL 101 Intro Biology

### Grade 12

Physics Honors  
Physics

## PROGRESSION IN PROJECT LEAD THE WAY (PLTW) BIOMEDICAL SCIENCE PROGRAM

| <u>Freshman</u>                 | <u>Sophomore</u>        | <u>Junior</u>              | <u>Senior</u>                 |
|---------------------------------|-------------------------|----------------------------|-------------------------------|
| PLTW Princ. Biomedical Sciences | PLTW Human Body Systems | PLTW Medical Interventions | PLTW Biomedical Interventions |

## PLTW PRINCIPLES OF BIOMEDICAL SCIENCE [5218]

**(Grade 9 PLTW course 1 & Grades 11, 12 elective if available seats) 2 Semesters**

As the first course in the Project Lead the Way (PLTW) Biomedical Science program sequence, this course provides foundational knowledge and skills in fields such as biology, anatomy & physiology, genetics, microbiology, and epidemiology engaging students in how they can apply it to real-world situations, causes, cases, and problems. A theme through the course is to determine the factors that led to the death of a fictional person. After determining the death, the students investigate lifestyle choices and medical treatments that might have prolonged the person's life. Hands-on labs, guest speakers, and field trips to health-related agencies will be incorporated into the curriculum. This course is designed to provide an overview of all courses in the Biomedical Sciences program to lay the scientific foundation necessary for student success in subsequent courses. This course can be used as an elective science credit for upper classmen in grades 10-12 if spots are available. **NOTE: This is not an approved course for the NCAA Clearinghouse.**

*Prerequisites: Application submitted and accepted into the PLTW Biomedical program*

*Must maintain a B- average each semester to advance in the program*

## PLTW HUMAN BODY SYSTEMS [5276]

**(Grade 10 PLTW course 2 & Grades 11 and 12 elective if available seats) 2 Semesters**

As part of the Project Lead the Way (PLTW) program, the second course, Human Body Systems is a course designed to engage students in the study of basic human physiology and the care and maintenance required to support complex systems. Using a focus on human health, students will employ a variety of monitors to examine body systems (respiratory, circulatory, and nervous) at rest and under stress and observe the interactions between the various body systems. Students will use appropriate software to design and build systems to monitor body functions. **NOTE: This is not an approved course for the NCAA Clearinghouse.**

*Prerequisite: Must maintain a B- average each semester to advance in the program*

### **BIOLOGY I HONORS (L) [3024] (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) [3024] (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) [3024] (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 and parent consent required*

### **BIOLOGY II (L) [3026] (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) [3092] (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) [3092] (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) [5276] (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 frog, rat, fetal pig, and sheep organs.

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

## **AP BIOLOGY (L) [3020] (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) [3010] (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) [3044] (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) [3092] (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) [3064] (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*

*May seek Chemistry Honors teacher's approval if not meeting the math requirement*

*Minimum of a B- or above in math and science*

## **CHEMISTRY ACADEMIC (L) [3064] (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 at least 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) [3108] (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) [3066] (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*

## **AP CHEMISTRY (L) [3060] (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*

## IVY TECH BIOL 101 INTRODUCTION TO BIOLOGY [3090] (DUAL CREDIT)

**BD Course Title: Advanced Science**

**(Grades 11 & 12 elective, Grade 10 only if seats available and must also be in Chemistry) 2 Semesters**

This course covers fundamental life science concepts including cell biology, genetics, evolution, and ecology. It is designed for non-science majors and introduces topics from the molecular level to ecosystems, focusing on the interactions of living organisms and the applications of biology in the world. The course includes topics like the characteristics of life, the structure and function of organisms, and the process of photosynthesis. **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 Advanced Science.**

*Prerequisites: Teacher recommendation*

*A cumulative GPA of 2.6 or higher or be Writing, Reading, and Math Ready per Ivy Tech*

*Ivy Tech Writing/Reading Ready: 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*

*Ivy Tech Math Ready: SAT Math must be a 500 or higher; or, ACT Math must be an 18 or higher*

## PHYSICS HONORS (L) [3084] (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, AP Statistics, or Calculus)*

*Qualify for the Honors Program*

*Daily estimated time outside of class: 45 minutes*

## PHYSICS (L) [3084] (Grade 12) 2 Semesters

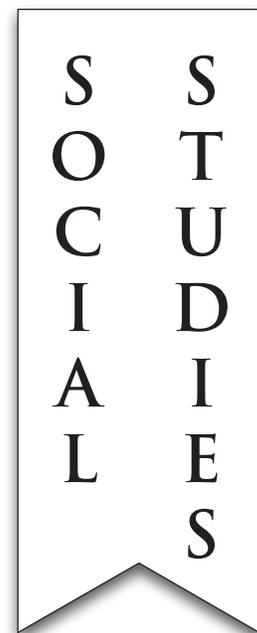
This course is designed to raise the student's awareness of the physical world around them while also investigating the mathematical relationships that exist throughout the universe. The concepts are taught via classroom lectures and discussions, and reinforced through laboratory experiments. The main 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*

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  
 AP World History Modern  
 World Geography  
 Leadership Development  
 Sociology  
 Psychology  
 Indiana Studies

### Grades 11-12

U.S. History  
 AP U.S. History  
 Economics

### Grade 12

U.S. Government  
 U.S. Gov't Honors  
 AP Psychology

## WORLD HISTORY AND CIVILIZATION [1548] (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.

## AP WORLD HISTORY MODERN [1612] (Grades 9, 10, 11, 12) 2 Semesters

AP World History Modern students investigate significant events, individuals, developments, and processes in historical periods from approximately 1200 CE to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

*Placement Criteria: Incoming 9th grade students must have passed 8th grade Social Studies, Literature, and Grammar with an A average and be placed in Honors English  
 Current BD students must be Honors English placement  
 Summer assignment in preparation for the class is required  
 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-*

## WORLD GEOGRAPHY [1546] (Grades 9, 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 [1542] (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 [1562] (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 be enrolled AP English Literature OR have earned an 87%+ in American Lit Honors or a 95%+ in American Lit Academic  
Earned an A or higher in World History A and B  
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 [1514] (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 [1540] (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 [1540] (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. **NOTE: Students may elect to take the American Government CLEP exam own his/her own.**

*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 [1550]

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

A course designed to prepare students to become ethical, service-oriented leaders by developing character, communication skills, civic responsibility, and career readiness. Students will examine leadership through historical, ethical, and contemporary lenses while engaging in self-reflection, collaboration, and real-world application. The course is structured around five core areas of study: 1) personal leadership and responsibility, 2) communication, teamwork, and conflict resolution, 3) public speaking, 4) real-world leadership and service, and 5) career readiness. This course also integrates the Congressional Medal of Honor Society Character Development Program, which emphasizes leadership grounded in integrity, courage, commitment, sacrifice, citizenship, patriotism, and service to others. Through reflection, case studies, and discussion, students connect personal growth to real-world leadership challenges.

## **SOCIOLOGY [1534] (Grade 9, 10, 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 [1532] (Grade 9, 10, 11, 12) 1 Semester**

This is a one-semester introductory psychology course. Concepts related to understanding human behaviors and mental processes are covered. The course stresses basic concepts concerning the history and methodology of psychological thought; the biological bases of behavior; sensation and perception; states of consciousness; learning; cognition (the way we think); motivation and emotion; personality; psychological disorders and treatment; social psychology; and research methods, testing, statistics, and measurements that are used to study various behaviors.

**NOTE: Students may elect to take the Introductory Psychology CLEP exam on his/her own.**

## **AP PSYCHOLOGY [1558] (Grade 12) 2 Semesters**

AP Psychology is taught to resemble an entry-level college survey Psychology course. In this course, students will learn what drives human behavior and how that influences thinking. Students are expected to devote time outside of class reading from the text, reviewing notes, and completing practice quizzes. Students will also learn to apply many concepts in the course to scenarios and influential research studies that have made significant impacts on our understanding of behavior. Throughout the course, we explore the biology behind thinking; the principles behind sensations and perceptions; different ways of learning, growing, changing, and developing; different ways of thinking, making decisions, and solving problems; different approaches to studying behaviors; what motivates humans; how emotions work; how measure personality and intelligence are measured; how humans affect each other, various psychological disorders; and many different ways of doing research and interpreting data. **NOTE: The content of the course is college-level; therefore, some topics will be of a more mature nature.**

*Prerequisites: 3.0 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 [1518] (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 LANGUAGES

**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.**

## **FRENCH I [2020] (Grades 9, 10, 11, 12) 2 Semesters**

This is the first year of a four-year sequence designed as a basic course to introduce the student to the language and culture of France and other French speaking countries. Class time is enhanced with the use of songs in French, technology, and games. Students will engage in simple spoken conversations in French to introduce and talk about themselves. Students will understand and create beginning level written and spoken language. Students are encouraged to further their language skills and knowledge of different cultures outside of the classroom by participation in French Club activities.

## **FRENCH II [2022] (Grades 9, 10, 11, 12) 2 Semesters**

In this second year of French, students will focus on being able to consistently create sentences in their spoken and written work. Class time is enhanced with the use of pop and classic songs in French, technology, and games. Students will be given opportunities to describe and give opinions on topics learned in class. Students will engage in conversations about their future and past plans and activities. The skills of listening and reading are used in every chapter to solidify the new knowledge learned and reinforce the French language. Students are encouraged to further their language skills and knowledge of different cultures outside of the classroom by participation in French Club activities. After two to four years of French, students are presented the opportunity to participate in a French exchange with a school in France.

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

## **FRENCH III [2024] (Grades 10, 11, 12) 2 Semesters**

In this third year of French, students will focus on being able to create extended sentences and to describe, explain, and compare using the topics learned in class. Students will engage in conversations about their future and past plans and activities and start to create questions to facilitate these conversations. Class time is enhanced with the use of pop and classic songs in French, technology, and games. Students will read short stories that are used in French schools. The skills of listening and reading are used in every chapter to solidify the new knowledge learned and reinforce the French language. Students are encouraged to further their language skills and knowledge of different cultures outside of the classroom by participation in French Club activities. After two to four years of French, students are presented the opportunity to participate in a French exchange with a school in France. Juniors also have the opportunity to apply for the Indiana Honors Program where they can spend a summer in France studying and using their French in an authentic setting.

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

## **AP FRENCH LANGUAGE & CULTURE [2032] (Grade 12) 2 Semesters**

The course prepares students to be successful on the AP French Language and Culture exam. The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. To best facilitate the study of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

*Prerequisites: Pass French III 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 [2080] (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 [2082] (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 [2084] (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 [2088] (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 [2120] (Grades 9, 10, 11, 12) 2 Semesters**

This full-year 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 Spanish-speaking Americas. By taking this course, students will be able to introduce themselves and others, ask and answer simple questions, and participate in brief guided conversations related to their needs and interests. Students will be able to read short text such as menus, signs, schedules, and small narratives. Students are encouraged to use their language skills and cultural knowledge outside of the classroom by participating in Spanish Club activities.

## **SPANISH II [2122] (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 of listening, speaking, reading, and writing. By taking this course, students will be able to talk about their present and past personal experiences, as well as their personal interests. Students will be able to express feelings and preferences of self and others, make requests and ask for information to meet their needs. Students will be able to read short authentic and non-authentic narratives. Students are encouraged to use their language skills and cultural knowledge outside of the classroom by participating in Spanish Club activities.

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

*Recommendation of Spanish I teacher*

## **SPANISH III [2124] (Grades 10, 11, 12) 2 Semesters**

This full-year course is a continuation of Spanish II, with emphasis placed upon all four language skills of listening, speaking, reading, and writing. By taking this course, students will be able to talk about their present and past personal experiences, as well as their personal interests. Students will be able to express feelings and preferences of self and others, make requests and ask for information to meet their needs. Students will be able to read short authentic and non-authentic narratives. Students are encouraged to use their language skills and cultural knowledge outside of the classroom by participating in Spanish Club activities.

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

*Recommendation of Spanish II teacher*

## SPANISH IV [2126] (Grades 11, 12) 2 Semesters

This advanced course 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 [2126] (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 for Sophomores OR 2.8 or higher for Juniors or Seniors 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 [2128] (Grade 12) 2 Semesters

This advanced course, mostly 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 [2128] (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*

## BDHS CAREER ACADEMY

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### WELDING YEAR 1 (Grades 11, 12)

**NOTES: 1) Three course sequence taught in succession. 2) Ivy Tech course fees required. 3) Appropriate attire.**

- **Principles of Welding Technology [7110]** - The course includes classroom and lab experience that develop a variety of skills in oxy-fuel cutting and basic welding. Instructional activities emphasize properties of metals, safety issues, blueprint reading, electrical principles, welding symbols and mechanical drawing through projects and exercises. This is a dual credit course through Ivy Tech.
- **Shielded Metal Arc Welding [7111]** - Process theory will include basic electricity, power sources, electrode selection, and all aspects pertaining to equipment operation and maintenance. Laboratory weld will be performed in basic weld joints with a variety of electrodes in the flat, horizontal, and vertical positions.
- **Gas Welding Process [7101]** - Gas welding processes is designed to cover the operations of Gas Metal Arc Welding (MIG) equipment. This will include all setting, adjustments, and maintenance needed to weld with a wire feed system. Instruction on both short-arch and spray-arch transfer methods will be covered.

### WELDING YEAR 2 (Grade 12) - Available beginning Fall 2027

**NOTE: Passed Year 1 with a B- or higher.**

- **Welding Technology Capstone [7226]** - The Welding Technology Capstone course builds upon the knowledge and skills developed in welding fundamentals, Shielded Metal Arc Welding, and Gas Metal Arc Welding by developing advanced welding skills in Gas Tungsten Arc Welding (TIG), Pipe Welding and Fabrication. Passing AWS Welding certification is done.

### CONSTRUCTION YEAR 1 (Grades 11, 12)

**NOTES: 1) Three course sequence taught in succession. 2) Ivy Tech course fees required. 3) Appropriate attire.**

- **Principles of Construction Trades [7130]** - This course prepares students with the basic skills needed to continue in a construction trade field. Topics will include an introduction to the types and uses for common hand and power tools.
- **General Carpentry [7123]** - Designed to build upon the skills learned in the Principles of Construction Trades and examines basics of framing.
- **Framing and Finishing [7122]** - Framing and Finishing prepares students with advanced framing skills along with interior and exterior finishing techniques. Topics include roofing applications, thermal and moisture protection, and exterior finishing.

### CONSTRUCTION YEAR 2 (Grade 12) - Available beginning Fall 2027

**NOTES: 1) Passed Year 1 with a B- or higher. 2) Three course sequence taught in succession. 3) Ivy Tech course fees required. 4) Appropriate attire.**

- **Masonry Fundamentals [7390]** - This course would cover the basics of masonry construction, including safe work practices, tool usage, and the characteristics of materials like brick and block. The curriculum typically includes both theory (e.g., reading plans, estimating) and practical skills (e.g., mixing mortar, laying block, building walls, and finishing joints). The goal is to provide foundational knowledge and hands-on experience for a career in the masonry trade.
- **Construction Trades Capstone [7242]** - This course integrates practical skills with theoretical knowledge to produce a final project. Students analyze and synthesize skills from their coursework, apply knowledge to create a tangible product or service, and present their work to peers and potential business partners. The course likely covers topics like project management, safety protocols, design processes, and the application of specific trades such as electrical wiring and concrete work, culminating in a complex project that showcases their abilities.

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## UNIVERSITY OF SAINT FRANCIS PROGRAMS

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### PATHWAY TO EDUCATOR PREPARATION PROGRAM (PEPP) (Grades 11, 12)

This two-year program is designed to help high schools experience the education field. Students will participate in 3 dual credit courses resulting in 9 credit hours along with 80 hours of targeted classroom work experience. Students will attend the course part of the week and on non-course days, do their field experience in a diocesan elementary school. At the end of the program, students will be able to sit for the paraprofessional certification exam. Dual credit courses are: EDUC 105 Foundational Theories for Learner Success, EDUC 108 Introduction to Teacher Education, and SPED 137 Foundations in Exceptionalities. This is an ideal pathway option and experience for those interested in becoming teachers and working in a school system. One course is taken per term. Students spend three periods on the program and 4 periods in the regular high school classroom. **NOTE: University of Saint Francis program fee required (\$900 for the 3 courses, \$500 one-time field experience fee, \$250 paraprofessional certification fee - for a total of \$1,650). Fee must be paid up front each semester for the cost of the program to BD and then BD pays USF.**

*Prerequisites: A cumulative GPA of 2.5 or higher*

*A grade of C or higher must be maintained to remain in the program*

*Meets the Postsecondary-Ready Competency for Graduation Pathways*

### CERTIFIED NURSING AIDE (CNA) PROGRAM (Grades 11, 12)

This one-year program allows students to experience high-quality patient care and support, serving as a member of a healthcare team. CNAs perform basic nursing duties and assist patients with daily tasks. The knowledge gained through the program is ideal for students wanting to further their education in careers in qualified medication and nursing. Through a blend of classroom instruction, hands-on practice and clinical rotations, you will develop the knowledge and skills needed to succeed. Dual credit courses include COHS 100 Intro to Health Careers, COHS 101 Exploring Health Careers, COHS 108 Concepts of Patient Care, COHS 150 Medical Terminology, and HLSC 100 Nurse Aide Preparation. **NOTE: University of Saint Francis/Leffler Academy program fee required (5 dual credit courses including books/supplies is \$2,500 per student). Fee must be paid up front for the cost of the program to BD and then BD pays USF.**

*Prerequisites: Admittance to USF's program*

*Meets the Postsecondary-Ready Competency for Graduation Pathways*

## AMP LAB AT ELECTRIC WORKS

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### ENTREPRENEURSHIP PROGRAM

Amp Lab at Electric Works is a half-day program for Juniors and Seniors located on the Electric Works campus. The program is an IDOE Graduation Pathway aligned experience that students can attend for either one or two years. Students immerse themselves in a problem-solving design think tank and launchpad focused on making our community a better place. By focusing on entrepreneurial spirit, design processes, and industry skill-sets, Amp Lab strives to give students a seat at the table. Students are empowered to take ownership of his/her own path forward and redefine what is possible by engaging with challenges in the four studios that will make an immediate impact and ripple effect on the community. Coursework is aligned with Indiana Tech's dual credit program. **NOTE: Bishop Dwenger students may only participate in AM Amp Lab program. Classes meet 7:40 – 10:30 AM. Transportation is the student's responsibility; Electric Works is located at 1030 Swinney Ave., Fort Wayne, IN. For more information, visit <http://amplab.fortwayneschools.org>. 36 week class, 6 credits**

## AMP LAB AT THE PEARL

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### PEARL ARTS INNOVATIVE INSTITUTE PROGRAM

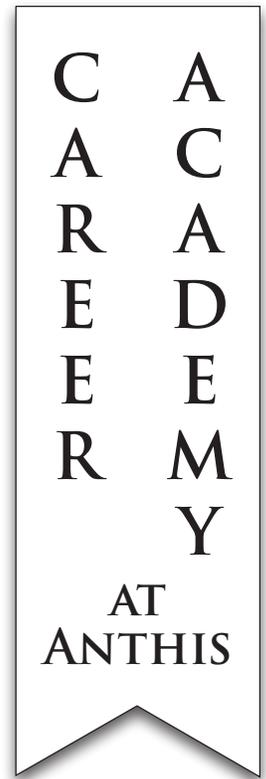
Amp Lab at The Pearl is a half-day program for Juniors and Seniors located on The Pearl campus. The program is an IDOE Graduation Pathway aligned experience that students can attend for either one or two years. Students immerse themselves in a creative entrepreneurial environment and youth can train to become tomorrow's arts and culture leaders. The program fosters creativity, critical thinking, and problem-solving skills. This hands-on learning will apply skills in music and the music profession. This program equips youth with the mindset and skills to chart their own path, set goals, and achieve success. Coursework is aligned with Indiana Tech's dual credit program. **NOTE: Bishop Dwenger students may only participate in AM Amp Lab program. Classes meet 7:40 – 10:30 AM. Transportation is the student's responsibility; The Pearl is located at 248 W. Main St., Fort Wayne, IN. For more information, visit <http://amplab.fortwayneschools.org>. 36 week class, 6 credits**

Visit the Career Academy at Anthis's website for more information.  
<https://careeracademy.fortwayneschools.org>

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 7:40 – 10:30 AM and the PM program from 11:10 AM – 2:00 PM. 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. **NOTE: Bishop Dwenger students may only participate in AM Career Academy programs unless the program is not offered during the AM session. Transportation is the student's responsibility.**

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.

**Participation in Career Center programs will help students satisfy a required Postsecondary-Ready Competency for Graduation Pathways.**



## HEALTH SCIENCES

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

### CENTRAL SERVICE TECH/SURGICAL TECH

Central Service Tech/Surgical Tech program is designed to help students learn about patient care nursing, dental care, animal care, medical laboratory, public health, and medical terminology. Also, students will learn about central service and about surgical instruments and environmental control for a central service department. This program will include courses covering the principles of healthcare, medical terminology, and central services technician fundamentals. *36 week class, 6 credits*

### INTRODUCTION TO MEDICAL ASSISTING

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

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*

## PRE-NURSING/HEALTHCARE SPECIALIST (CNA)

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. *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*

### DIESEL TECHNOLOGY

Diesel Technology includes classroom and laboratory experiences concerned with Diesel Heavy Truck Technology, Electronic Controls, and Truck Chassis Systems for specialized skills, all focusing on hands-on training for diagnosing, repairing, and maintaining diesel engines and equipment, preparing students for high-demand roles in transportation and equipment repair. *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*

## MASONRY, ELECTRICAL, & PLUMBING/HVAC

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 (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 & II**

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

### **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 10th 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 \$200.00 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

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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### SUPPLY CHAIN

Introduction to Transportation is an introductory course designed to help students become familiar with fundamental principles in modes of land, sea, air, and space transportation, including basic mechanical skills and processes involved in transportation of people, cargo, and goods. *36 week class, 6 credits*

## INFORMATION TECHNOLOGY

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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.

### CREATIVITY & DIGITAL DESIGN

Creativity and Digital Design prepares students with the skills and knowledge necessary for success in broadcasting and multimedia production, including radio, television, podcasting, and other forms of digital communication. This program focuses on Digital Design, Graphics Production, Design and Layout, and Interactive Media.

*36 week class, 6 credits*

### CREATIVITY & DIGITAL MEDIA

Creativity and Digital Media prepares students with the skills and knowledge necessary for success in broadcasting and multimedia production, including radio, television, podcasting, and other forms of digital communication. This program focuses on Radio and Television Broadcasting, Audio and Video Production, and Mass Media Production.

*36 week class, 6 credits*

## IT OPERATIONS

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*

## SOFTWARE DEVELOPMENT

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 Must be 17 years old by April 1**

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 March 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*

## CRIMINAL JUSTICE

***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**

**1300 E. Washington Center Road, Fort Wayne, IN 46825**

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**[www.bishopdwenger.com](http://www.bishopdwenger.com)**

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