August 2, 2023

Dear Parent(s),

This booklet contains important information concerning your child's high school education. Various topics such as graduation requirements, the different diploma types, and GPA computations are covered. Brief descriptions of courses offered at Rising Sun High School are included as well as suggested programs of study. These course descriptions can also be found on the Indiana Department of Education website: https://www.doe.in.gov/ccr/course-titles-and-descriptions.

It is extremely important to a student's future that proper class choices are made every year. Hopefully, this booklet will help a student select the right courses throughout his or her high school career. Please use the four-year plan, which is in the folder, to help you plan your schedule for the coming years. I will meet with students at a later date to further discuss their schedules and four-year plans.

Students will be contacted by the School Counseling office to select courses for the next school year. If you have questions about particular courses, feel free to ask myself or Mr. Bostic for additional information.

Sincerely,

Caitlin Sauerhage
School Counselor
Rising Sun High School

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GENERAL INFORMATION

GRADUATION REQUIREMENTS:

The Indiana Department of Education adopted the Graduation Pathway diploma options beginning with the class of 2023. The Graduation Pathways diploma options seek to ensure every Hoosier student graduates from high school with 1) a broad awareness of and engagement of individual career interests and associated career options, 2) a strong foundation of academic and technical skills, and 3) demonstrable employability skills that lead directly to meaningful opportunities for postsecondary education, training, and gainful employment.

Students in the graduating class of 2023 and beyond must satisfy all three of the following Graduation Pathway requirements by completing one of the Pathway options:

Graduation Requirements	Graduation Pathway Options
1) High School Diploma	Meet the statutorily defined diploma credit and curricular requirements.
2) Learn and Demonstrate Employability Skills[1] (Students must complete *at least one* of the following.)	Learn employability skills standards through locally developed programs. Employability skills are demonstrated by one the following: • **Project-Based Learning Experience**; OR • **Service-Based Learning Experience**; OR • **Work-Based Learning Experience.**[2]
3) Postsecondary-Ready Competencies[3] (Students must complete *at least one* of the following.)	• **Honors Diploma**: Fulfill all requirements of either the Academic or Technical Honors diploma; OR • **ACT**: College-ready benchmarks; OR • **SAT**: College-ready benchmarks; OR • **ASVAB**: Earn at least a minimum AFQT score to qualify for placement into one of the branches of the US military; OR • **State- and Industry-recognized Credential or Certification;** OR • **Federally-recognized Apprenticeship**; OR • **Career-Technical Education Concentrator**[4]**:** Must earn a C average in at least two non-duplicative advanced courses (courses beyond an introductory course) within a particular program or program of study; OR • **AP/IB/Dual Credit/Cambridge International courses**[5] **or CLEP Exams:** Must earn a C average or higher in at least three courses; OR • **Locally created pathway** that meets the framework from and earns the approval of the State Board of Education.

Core 40 Curriculum Track

EARLY COLLEGE TRACK

Total Required: 47 credits

ACADEMIC HONORS

The state of Indiana awards a Core 40 with Academic Honors diploma to students who earn a Core 40 diploma and meet these additional requirements:

GRADE CLASSIFICATIONS:

Students are classified into grade levels, depending on the number of credits earned each year. Following is a breakdown of the credits needed for grade classification:

Freshman:	0-7 credits
Sophomore:	8-15 credits
Junior:	16-23 credits
Senior:	24 or more credits

TYPICAL SCHEDULE FOR A NON-VOCATIONAL/BAND STUDENT:

FRESHMAN	**SOPHOMORE**	**JUNIOR**	**SENIOR**
1. English 9	1. English 10	1. English 11	1. English 12
2. Algebra I	2. Geometry	2. Algebra II	2. Math Elective
3. Biology	3. Chem./Physics	3. Earth & Space Sci.	3. Government/ Economics
4. Geography & History	4. Physical Ed.	4. U.S. History	4. Band
5. Health/ Personal Finance	5. Band	5. Band	5. Plus Period
6. Band	6. Plus Period	6. Plus Period	6. Elective
7. Plus Period	7. Elective	7. Elective	7. Elective
8. Elective	8. Elective	8. Elective	8. Elective

8. Elective	8.
Elective	8.
Elective	8.
Elective	
7. Elective	7.
Elective	7. Plus
Period	7. Plus
Period	
	or Math
Elective	*or* Math
Elective	
Economics	7. Plus

English/Language Arts **8 credits**

2 credits: English 9 or Honors English 9
2 credits: English 10 or Honors English 10
2 credits: Advanced Junior English Dual Credit ENG 111/ENG 215
2 credits: Advanced Senior English & Speech and Communications (Dual Enrollment)

Period 7. Plus Period

8. Plus Period 8. Band 8. Band

HONOR ROLL:

- "A" Honor Roll—indicates those students who received all A's on their report cards for the nine week grading period and/or for the semester.
- "A/B" Honor Roll—indicates those students who received all A's and B's on their report cards for the nine week grading period and/or for the semester.
- The Honor Roll is published in the newspaper at the end of each nine week grading period.

GPA COMPUTATION:

Grade point averages for RSHS students are computed on a weighted 12.0 scale. This means that grades earned in certain courses receive more "weight" when grade point averages are computed.

****Courses taken outside Rising Sun High School can be transcribed for high school credit with prior permission from the guidance office. Classes taken outside of RSHS will not be weighted (excluding IVY TECH Dual Enrollment with RSHS).****

WEIGHTED COURSES:

Weighted courses at RSHS include:

- Honors Geometry
- Honors Algebra II
- Pre-Calculus/Trigonometry
- Calculus
- Principles of Biomedical Engineering
- Human Body Systems
- Advanced Junior English
- Advanced Senior English
- Spanish I, II, III, IV
- Physics
- Chemistry I
- Chemistry II
- Advanced Chemistry
- All Dual Credit Courses
- All Dual Enrollment Courses Senior Year

All other courses offered are non-weighted courses.

CUMULATIVE GRADE POINT AVERAGE (GPA):

The cumulative GPA reflects all of the course work a student has attempted throughout his or her high school career. Quality points earned from ALL classes are totaled, and the total is then divided by the number of credits the student has attempted. The cumulative GPA is the GPA that colleges and scholarship committees use when considering applicants for admission. Cumulative GPA is used to calculate class rank.

	12.0 SCALE		**4.0 SCALE**	
	QUALITY POINTS EARNED FROM:		QUALITY POINTS EARNED FROM:	
SEMESTER GRADE EARNED	WEIGHTED COURSES	NON-WEIGHTED COURSES	WEIGHTED COURSES	NON-WEIGHTED COURSES
A+	15.0	12.0	5.3	4.3
A	14.0	11.0	5.0	4.0
A-	13.0	10.0	4.7	3.7
B+	12.0	9.0	4.3	3.3
B	11.0	8.0	4.0	3.0
B-	10.0	7.0	3.7	2.7
C+	9.0	6.0	3.3	2.3
C	8.0	5.0	3.0	2.0
C-	7.0	4.0	2.7	1.7
D+	6.0	3.0	2.3	1.3
D	5.0	2.0	2.0	1.0
D-	4.0	1.0	1.7	0.7
F	0.0	0.0	0.0	0.0

The 4.0 scale above is a conversion of the 12.0 scale. Many colleges and scholarship committees request that the GPA be reported on a 4.0 scale.

VALEDICTORIAN AND SALUTATORIAN:

The Valedictorian and Salutatorian of the senior class will be selected in the following manner:

- The student with the highest **CUMULATIVE** grade point average after eight semesters will be the Valedictorian.
- The student with the second highest **CUMULATIVE** grade point average after eight semesters will be the Salutatorian.
- The GPA will be calculated using the 12.0 weighted scale. Averages will be carried out to the fourth decimal point.

NATIONAL HONOR SOCIETY:

Rising Sun High School's chapter of the National Honor Society encourages and promotes scholarship, leadership, service, and character. Sophomores, juniors, and seniors with at least a "B+" average (9.0 cumulative GPA) may be considered for membership. It is the student's responsibility to indicate his or her interest in NHS by completing an application for membership. Applications are available from the sponsor. Final determination of membership is based on points and faculty recommendation after reviewing eligible students. Members are evaluated each year to maintain a continued high level of membership as required by the NHS.

HONORS Reception:

The Louise E. Cooper Honors Reception is held annually in the fall of each year to honor those students who excelled in academics from the previous school year. The following awards are presented:

High Honors Certificate	awarded for **CUMULATIVE** GPA of 10.6-12.0 for the previous year.
Honors Certificate	awarded for **CUMULATIVE** GPA of 9.0-10.59 for the previous year.
Bronze Medal	awarded for **CUMULATIVE** GPA of 9.0-9.9 for the previous year.
Silver Medal	awarded for **CUMULATIVE** GPA of 10.0-10.9 for the previous year.

Gold Medal awarded for **CUMULATIVE** GPA of 11.0-12.0 for the previous year.

Dual Credit and Dual Enrollment

Rising Sun High School offers dual credit and dual enrollment courses through a partnership with Ivy Tech- Lawrenceburg. The following course are offered as dual credit for the 2023-2024 school year.

IVY Tech Courses

College Math/Pre-Calculus	MATH 136*	3 Credit Hours
Pre-Cal w/ Trig	MATH 137*	3 Credit Hours
Calculus	MATH 211*	3 Credit Hours
Advanced Junior English	ENG 111*	3 Credit Hours
	ENG 215	3 Credit Hours
Advanced Senior English	ENG 223*	3 Credit Hours
Chemistry II	CHEM 101*	3 Credit Hours
Advanced Chemistry	CHEM 105*	5 Credit Hours

Physics	PHYS 101*	3 Credit Hours
Spanish III	Spanish 101* &	
	Spanish 102*	8 Credit Hours
Psychology	PSY 101*	3 Credit Hours
Sociology	SOC 111*	3 Credit Hours
Government	POLS 101*	3 Credit Hours
Economics	ECON 101*	3 Credit Hours
U.S. History	HIST 101*	6 Credit Hours
	HIST 102*	
Intro to Healthcare/Med. Terms	HLHS 100	6 Credit Hours
	HLHS 101	
Education Professions I	EDUC 101, EDUC 121	6 Credit Hours

IVY TECH DUAL ENROLLMENT (Spring 2024 Semester)

Speech & Communications	COMM 101*	3 Credit Hours
Intro to Philosophy	PHIL 101*	3 Credit Hours

***Denotes courses that are part of the Indiana Core**

*****Dual Credits and Courses are subject to change from year to year**

COURSE DESCRIPTIONS

ENGLISH

1111/1112 ENGLISH 9
(Grade 9; 2 Semesters; 2 Credits; REQUIRED)

English 9, an integrated English course based on the Indiana Academic Standards for English/Language Arts in Grades 9-10, is a study of language, literature, composition, and oral communication, focusing on literature within an appropriate level of complexity for this grade band. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance in classic and contemporary literature balanced with nonfiction. Students write responses to literature, expository (informative), narrative, and argumentative/persuasive compositions, and sustained research assignments. Students deliver grade-appropriate oral presentations with attention to audience and purpose and access, analyze, and evaluate online information.

1113/1114 HONORS ENGLISH 9
(Grade 9; 2 Semesters; 2 credits; REQUIRED-*unless taking English 9*)

This course is an advanced study of English 9 academic standards.

English 10, an integrated English course based on the Indiana Academic Standards for English/Language Arts in Grades 9-10, is a study of language, literature, composition, and oral communication, focusing on literature with an appropriate level of complexity for this grade band. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance in classic and contemporary literature balanced with nonfiction. Students write responses to literature, expository (informative) and argumentative/persuasive compositions, and sustained research assignments. Students deliver grade appropriate oral presentations with attention to audience and purpose and access, analyze, and evaluate online information.

1123/1124 HONORS ENGLISH 10
(Grade 10; 2 Semesters; 2 credits; REQUIRED- *unless taking English 10*)

This course is an advanced study of English 10 academic standards.

English 11, an integrated English course based on the Indiana Academic Standards for English/Language Arts in Grades 11-12, is a study of language, literature, composition, and oral communication focusing on literature with an appropriate level of complexity for this grade band. Students use literary interpretation, analysis, comparisons,

and evaluation to read and respond to representative works of historical or cultural significance appropriate in classic and contemporary literature balanced with nonfiction. Students write narratives, responses to literature, academic essays (e.g. analytical, persuasive, expository, summary), and more sustained research assignments incorporating visual information in the form of pictures, graphs, charts and tables. Students write and deliver grade-appropriate multimedia presentations and access, analyze, and evaluate online information.

1141/1142
ENGLISH 12

(Grade 12; 2 Semesters; 2 Credits; REQUIRED-*unless taking Advanced English Language Arts)*

English 12, an integrated English course based on the Indiana Academic Standards for English/Language Arts for Grades 11- 12, is a study of language, literature, composition, and oral communication focusing on an exploration of point of view or perspective across a wide variety of genres. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance in classic and contemporary literature balanced with nonfiction. Students write narratives, responses to literature, academic essays (e.g. analytical, persuasive, expository, summary), and more sustained research assignments incorporating visual information in the form of pictures, graphs, charts, and tables. Students write and deliver grade-appropriate multimedia presentations and access, analyze, and evaluate online information.

1193 ADVANCED ENGLISH/LANGUAGE ARTS, COLLEGE CREDIT (ADV Junior and Senior English)

(Grades 11 and 12; 2 semesters each year; 2 Credits; REQUIRED-*unless taking English 11 or 12) (ENG 111 & ENG 215 junior year, ENG 223 senior year)(Early College Course)*

Advanced English/Language Arts, College Credit, is an advanced course based on the Indiana Academic Standards for English/Language Arts in grades 11 and 12. This course title covers any English language and composition advanced course offered for credit by an accredited post-secondary institution through an adjunct agreement with a secondary school.

1191 EXPOSITORY WRITING

(Grade 11-12; 1 Credit; 1 Semester; ELECTIVE)

Expository Writing, a course based on the Indiana Academic Standards for English/ Language Arts, is a study and application of the various types of informational writing intended for a variety of different audiences. Using the writing process, students demonstrate a command of vocabulary, English language conventions, research and organizational skills, an awareness of the audience, the purpose for writing, and style. Course can be offered in conjunction with a literature course, or schools may embed Indiana Academic Standards for English/Language Arts reading standards within curriculum.

1192 TECHNICAL COMMUNICATIONS

(Grade 11-12; 1 Credit; 1 Semester; ELECTIVE)

Finite Mathematics is a collection of mathematical topics, frequently used in business or public policy contexts. It is a course designed for students who will undertake higher-level mathematics in college that may not include calculus. Finite Math is made up of five strands: Sets; Matrices; Networks; Optimization;

Technical Communication, a course based on the Indiana Academic Standards for English/Language Arts, is the study and application of the processes and conventions needed for effective technical writing-communication. Using the writing process, students demonstrate a command of vocabulary, English language conventions, research and organizational skills, an awareness of the audience, the purpose for writing, and style. Course can be offered in conjunction with a literature course, or schools may embed Indiana Academic Standards for English/Language Arts reading standards within curriculum

and Probability. The skills listed in these strands indicate what students should know and be able to do in Finite Math. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

3281/3282 PRE-CALCULUS WITH TRIGONOMETRY
(Grade 11-12; 2 Semesters; 2 Credits; ELECTIVE)
(MATH 136 & MATH 137) (Early College Course)

Pre-Calculus: Trigonometry provides students with the skills and understandings that are necessary for advanced manipulation of angles and measurement. Trigonometry provides the foundation for common periodic functions that are encountered in many disciplines, including music, engineering, medicine, finance, and nearly all other STEM disciplines. Trigonometry consists of six strands: Unit Circle; Triangles; Periodic Functions; Identities; Polar Coordinates and Complex Numbers; and Vectors. Students will advance their understanding of imaginary numbers through an investigation of complex numbers and polar coordinates. A strong understanding of complex and imaginary numbers is a necessity for fields such as engineering and computer programming. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

3291/3292 AP CALCULUS AB, ADVANCED PLACEMENT
(Grade 12; 2 Semesters; 2 Credits; ELECTIVE)
(MATH 211) (Early College Course)

AP Calculus AB is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. AP Calculus AB is equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. This course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus 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.

SCIENCE

Biology I is a course based on the following core topics: cellular structure and function, matter

4141/4142 BIOLOGY
(Grade 9-12; 2 Semesters; 2 Credits; REQUIRED)

cycles and energy transfer; interdependence; inheritance and variation in traits; evolution. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation, by designing and conducting investigations guided by the Science and Engineering Practices (SEPS) and cross-cutting concepts.

Earth and Space Science I is a course focused on the following core topics: universe; solar system; Earth cycles and systems; atmosphere and hydrosphere; solid Earth; Earth processes. Students analyze and

4211/4212 INTEGRATED CHEMISTRY/PHYSICS
(Grade 10-12; 2 Semesters; 2 Credits; REQUIRED-*unless taking Chemistry I*)

Integrated Chemistry-Physics is a course focused on the following core topics: constant velocity; uniform acceleration; Newton's Laws of motion (one dimension); energy; particle theory of matter; describing substances; representing chemical change; electricity and magnetism; waves; nuclear energy

describe earth's interconnected systems and examine how earth's materials, landforms, and continents are modified across geological time. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation, by designing and conducting investigations guided the Science and Engineering Practices (SEPS) and cross-cutting concepts.

4161/4162 CHEMISTRY I

Physics I is a course focused on the following core topics: constant velocity; constant acceleration; forces; energy; linear momentum in one dimension; simple harmonic oscillating systems; mechanical waves and sound; simple circuit analysis. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation using the Science and Engineering Practices (SEPS) and cross-cutting concepts.

2011/2012 GEOGRAPHY AND HISTORY OF THE WORLD

(Grade 9-12; 2 Semesters; 2 Credits; REQUIRED)

SOCIAL STUDIES

Physical Education I focuses on instructional strategies through a planned, sequential, and comprehensive physical education curriculum which provides students with opportunities to actively participate in at least four of the following: team sports; dual sport activities; individual physical activities; outdoor pursuits; gymnastics; and dance, all of which are within the framework of the skills, knowledge and confidence needed by the student for a lifetime of healthful physical activity and fitness. Ongoing assessment includes both written and performance-based skill evaluation. Individual assessments may be modified for individuals with disabilities, in addition to those with IEPs and 504 plans (e.g., chronic illnesses, temporary injuries, obesity, etc.).

7532 PHYSICAL EDUCATION II

(Grade 10; 1 Semester; 1 Credit; REQUIRED)

Physical Education I focuses on instructional strategies through a planned, sequential, and comprehensive physical education curriculum which provides students with opportunities to actively participate in at least four of the following: team sports; dual sport activities; individual physical activities; outdoor pursuits; gymnastics; and dance, all of which are within the framework of the skills, knowledge and confidence needed by the student for a lifetime of healthful physical activity and fitness. Ongoing assessment includes both written and performance-based skill evaluation. Individual assessments may be modified for individuals with disabilities, in addition to those with IEPs and 504 plans (e.g., chronic illnesses, temporary injuries, obesity, etc.).

7522 HEALTH AND WELLNESS EDUCATION

(Grade 9; 1 Semester; 1 Credit; REQUIRED)

Health and Wellness, a course based on Indiana's Academic Standards for Health and Wellness and provides the basis to help students adopt and maintain healthy behaviors. Health education should contribute directly to a student's ability to successfully practice behaviors that protect and promote health and avoid or

(Grade 10-12; 2 Semesters; 2 Credits; REQUIRED-*unless taking Integrated Chemistry/Physics*)

Chemistry I is a course based on the following core topics: properties and states of matter; atomic structure and the Periodic Table; bonding and molecular structure; reactions and stoichiometry; behavior of gases; thermochemistry; solutions; acids and bases. Students enrolled in Chemistry I compare, contrast,

reduce health risks. Through a variety of instructional strategies, students practice the development of functional health information (essential concepts); determine personal values that support health behaviors; develop group norms that value a healthy lifestyle; develop the essential skills necessary to adopt, practice, and maintain health-enhancing behaviors. This course includes the application of priority areas in a planned, sequential, comprehensive health education curriculum. Priority areas include: promoting personal health and wellness, physical activity, and healthy eating; promoting safety and preventing unintentional injury and violence; promoting mental and emotional health, a tobacco-free lifestyle and an alcohol- and other drug-free lifestyle; and promoting human development and family health. This course provides students with the knowledge and skills of health and wellness core concepts, analyzing influences, accessing information, interpersonal communication, decision-making and goal-setting skills, health-enhancing behaviors, and health and wellness advocacy skills.

Principles of Business focuses on the roles and responsibilities of managers as well as opportunities and challenges of ethically managing a business in the free-enterprise system. Students will attain an understanding of management, team building, leadership, problem-solving steps and processes that contribute to the achievement of organizational goals. The management of human and financial resources is emphasized.

4001/4002 ACCOUNTING FUNDAMENTALS

Introduction to Accounting introduces the language of business using Generally Accepted Accounting Principles (GAAP) and procedures for proprietorships and partnerships using double-entry accounting. Emphasis is placed on accounting principles as they relate to both manual and automated financial systems. This course involves understanding, analyzing, and recording business transactions and preparing, analyzing, and interpreting financial reports as a basis for decision-making.

- Recommended Grade Level: 10, 11
- Recommended Prerequisites: None
- Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
- Counts as a Directed Elective or Elective for the all diplomas

ADVANCED ACCOUNTING

(Grades 11-12; 2 Semesters, 2 Credits; ELECTIVE, PREQUISITE INTRO. TO ACCOUNTING)

Advanced Accounting expands on the Generally Accepted Accounting Principles (GAAP) and procedures for various forms of business ownership using double-entry accounting covered in Accounting Fundamentals, including an emphasis on payroll accounting. Topics covered include calculating gross pay, withholdings, net pay, direct deposits, journalizing payroll transactions and preparing individual earnings records and payroll registers. Emphasis is placed on applying Generally Accepted Accounting Principles through hands-on practice with popular commercial accounting software packages that are currently used in business.

ADVANCED NUTRITION AND WELLNESS

(Grades 10-12; 1 Semester; 1 Credit; ELECTIVE)

6143/6144 Principles of Human Services

(Grade 9-11;2 Semester; 2 Credits; ELECTIVE)

7561/7562 ADVANCED PHYSICAL EDUCATION

(Grade 11-12; 2 Semesters; 2 Credits; ELECTIVE)

Principles of Human Services explores the history of human services, career opportunities, and the role of the human service worker. Focuses on target populations and community agencies designed to meet the needs of various populations. The course includes a required job shadowing project in a Human Services setting (a suggested four-hour minimum to meet Ivy Tech requirements). This course will also encourage cultural awareness and appreciation of diversity. Focuses on cultural variations in attitudes, values, language, gestures, and customs. Includes information about major racial and ethnic groups in the United States.

5438 Introduction to Culinary Arts and Hospitality
(Grades 9-10); 2 Semesters; 2 credits; ELECTIVE

Introduction to Culinary Arts and Hospitality is recommended for all students regardless of their career cluster or pathway, in order to build basic culinary arts knowledge and skills. It is especially appropriate for students with an interest in careers related to Hospitality, Tourism, and Culinary Arts. A project-based approach that utilizes higher order thinking, communication, leadership, and management processes is recommended. Topics include basic culinary skills in the food service industry, safety and sanitation, nutrition, customer relations and career investigation. Students are able to explore this industry and examine their own career goals in light of their findings. Laboratory experiences that emphasize industry practices and develop basic skills are required components of this course.

UNDERSTANDING DIVERSITY
(Grades 10-12; 2 Semesters; 2 Credits; ELECTIVE)

Understanding Diversity encourages cultural awareness and appreciation of diversity. Focuses on cultural variations in attitudes, values, language, gestures, and customs. Includes information about major racial and ethnic groups in the United States.

PROJECT LEAD THE WAY

4501/4502 PLTW PRINCIPLES OF BIOMEDICAL SCIENCES
(Grades 9-12; 2 Semester Course, 2 Credits; Counts as core science class or ELECTIVE)
****Must have already taken Biology or can take Biology concurrently.*

PLTW Principles of the Biomedical Sciences provides an introduction to this field through "hands-on" projects and problems. Student work involves the study of human medicine, research processes and an introduction to bioinformatics. Students investigate the human body systems and various health conditions including heart disease, diabetes, hypercholesterolemia, and infectious diseases. A theme through the course is to determine the factors that led to the death of a fictional person. After determining the factors responsible for the death, the students investigate lifestyle choices and medical treatments that might have prolonged the person's life. Key biological concepts included in the curriculum are: homeostasis, metabolism, inheritance of traits, feedback systems, and defense against disease. Engineering principles such as the design process, feedback loops, fluid dynamics, and the relationship of structure to function will be included where appropriate. The course is designed to provide an overview of all courses in the Biomedical Sciences program and to lay the scientific foundation necessary for student success in the subsequent courses.

4511/45121 PLTW HUMAN BODY SYSTEMS
(Grades 10-12; 2 Semester Course, 2 Credits; Counts as core science class or ELECTIVE)
5216 (HUMAN SYST)

PLTW 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 the 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.

4513/4514 PLTW MEDICAL INTERVENTIONS
(Grades 11-12; 2 Semester Course, 2 Credits; Counts as a core science class or ELECTIVE)

PLTW Medical Interventions is a course that studies medical practices including interventions to support humans in treating disease and maintaining health. Using a project-based learning approach, students will investigate various medical interventions that extend and improve quality of life, including gene therapy, pharmacology, surgery, prosthetics, rehabilitation, and supportive care. Students will also study the design and development of various interventions. Lessons will cover the history of organ transplants and gene therapy with additional readings from current scientific literature addressing cutting edge developments.

ART

7411 INTRODUCTION TO TWO-DIMENSIONAL ART
(Grade 10-12; 1 Semester; 1 Credit; ELECTIVE)

Offered in conjunction with Introduction to Three-dimensional Art

7213/7214 BEGINNING CONCERT BAND
(Grade 9-12; 2 Semesters; 2 Credits; ELECTIVE)

7215/7216 INTERMEDIATE CONCERT BAND
(Grade 10-12; 2 Semesters; 2 Credits; ELECTIVE)

Prerequisite: Beginning Concert Band and recommendation of instrumental instructor

Introduction to Two-Dimensional Art is a course based on the Indiana Academic Standards for Visual Art. Students taking this course engage in sequential learning experiences that encompass art history, art criticism, aesthetics, production, and integrated studies and lead to the creation of portfolio quality works. Students explore historical and cultural background and connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; create two-dimensional works of art, reflect upon the outcomes, and revise their work; relate art to other disciplines and discover opportunities

In addition, students perform, with expression and technical accuracy, a large and varied repertoire of concert band literature that is developmentally appropriate. Evaluation of music and music performances is included.

7211/7212 ADVANCED CONCERT BAND
(Grade 11-12; 2 Semesters; 2 Credits; ELECTIVE)

Prerequisites: Beginning Concert Band and Intermediate Concert Band and recommendation of instrumental instructor

Advanced Concert Band is based on the Indiana Academic Standards for High School Instrumental Music. This course provides students with a balanced comprehensive study of music through the concert band, which develops skills in the psychomotor, cognitive, and affective domains. Ensemble and solo activities are designed to develop elements of musicianship including tone production, technical skills, intonation, music reading skills, listening skills, analyzing music, studying historically significant styles of 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.

Experiences include, but are not limited to, improvising, conducting, playing by ear, and sight-reading. Students develop the ability to understand and convey the composer's intent in order to connect the performer with the audience. Students also have the opportunity to experience live performances by professionals during and outside of the school day. Time outside of the school day may be scheduled for dress 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.
Band repertoire must be of the highest caliber. Mastery of advanced wind band technique must be evident. Areas of refinement consist of advanced techniques including, but not limited to: (1) intonation, (2) balance and blend, (3) breathing, (4) tone production, (5) tone quality, (6) technique, (7) rhythm, (8) sight-reading, and (9) critical listening skills. Evaluation of music and music performances is included.
(Grade 9-12; 2 Semesters; 2 Credits; ELECTIVE)

7441/7442 BEGINNING CHORUS

Beginning Chorus is based on the Indiana Academic Standards for High School Choral Music. Students taking Beginning Chorus develop musicianship and specific performance skills through ensemble and solo singing. This class includes the study of quality repertoire in the diverse styles of choral literature appropriate in difficulty and range for the students. Chorus classes provide opportunities for performing, creating, and responding to music. Students develop the ability to understand and convey the composer's intent in performance of music. 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.

7443/7444 INTERMEDIATE CHORUS
(Grade 10-12; 2 Semesters; 2 Credits; ELECTIVE)

Prerequisite: Beginning Chorus and recommendation of vocal music instructor

7221 DANCE PERFORMANCE
(Grade 9-12; 1 Semester; 1 Credit; ELECTIVE)

Requirements: an audition to determine dancing abilities

Intermediate Chorus is based on the Indiana Academic Standards for High School Choral Music. Students taking Intermediate Chorus develop musicianship and specific performance skills through ensemble and solo singing. This class includes the study of quality repertoire in the diverse styles of choral literature appropriate in difficulty and range for the students. Chorus classes provide opportunities for performing, creating, and responding to music. Students develop the ability to understand and convey the composer's intent in performance of music.
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.

7445/7446 ADVANCED CHORUS
(Grade 11-12; 2 Semesters; 2 Credits; ELECTIVE)

Prerequisites: Beginning Chorus and Intermediate Chorus and recommendation of vocal music instructor

Advanced Chorus is based on the Indiana Academic Standards for High School Choral Music. Students taking Advanced Chorus develop musicianship and specific performance skills through ensemble and solo singing. This class includes the study of quality repertoire in the diverse styles of choral literature appropriate in difficulty and range for the students. Chorus classes provide opportunities for performing, creating, and responding to music. Students develop the ability to understand and convey the composer's intent in performance of music. 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.

In the **Computer Aided Drafting** class, students will learn both basic, manual drafting on the board, and computer aided drafting. Experience will be gained in the latest 2D and 3D computer design tools. Students will get to use the latest version of Autodesk and many of its sub-programs such as AutoCAD Inventor, Revit, Landscape, and others. AutoCAD continues to be the professional choice for Engineering and Architecture. Game Design students learn Rhino, 3DS Max, NURBS modeling, Bongo, and Maya 3D animation programs-used on movies such as Spiderman and Ice Age, and even in commercials-like the Geico Gecko. Other programs may include Microsoft Office (including Windows Movie Maker). Dual college credits are available.

PRINCIPLES OF PRECISION MACHINING

(Grade 11-12; 2 Semesters; 2 Credits; ELECTIVE) Principles of Precision Machining will provide students with a basic understanding of the processes used to produce industrial goods. Classroom instruction and labs will focus on shop safety, measurement, layout, blueprint reading, shop math, metallurgy, basic hand tools, milling, turning, grinding, and sawing operations. This course prepares the student for the optional National Institute for Metalworking Skills (NIMS) Measurement, Materials, & Safety certification that may be required for college dual credit.

Precision Machine Technology-The machining industry is one of the best paying industries in the U.S. today with a high demand for skilled workers in many fields, like aerospace and automotive. As a machinist, the student will learn how to interpret blueprints and use machine tools to shape metal to precise dimensions. The student will apply knowledge of machine operations, metal properties, layout, precision measurement tools, and machining procedures to create machined parts. Students will become familiar with operations on lathes, grinders, and milling machines. They will learn elements of design, process layout, and CAD systems. They will also learn to program CNC machines both manually and by using MasterCam Software. Dual credits are available. Many machinists use their education and time in industry to transition their careers into management, engineering, sales, business start-ups, and other technical avenues of higher opportunity.

ADVANCED PRECISION MACHINING

(Grade 11-12; 2 Semesters; 2 Credits; ELECTIVE) Advanced Precision Machining will build upon the Turning and Milling processes learned in Precision Machining Fundamentals and will build a foundation in abrasive process machines. Students will be instructed in the classroom on topics of shop safety, theory, industrial terminology, and calculations associated with abrasives. Lab work will consist of the setup and operation of bench grinders and surface grinders. Additionally students will be introduced to Computerized Numeric Controlled (CNC) setup, operations and programming. This course prepares the student for the optional National Institute for Metalworking Skills (NIMS) Grinding I certification that may be required for college dual credit.

Welders can work indoors, outdoors, and even under water. In this two-year **Welding** program, students will learn about various types of welds such as MIG, TIG, and Stick and how to perform each of them. They will also learn the properties of metals, multiple welding symbols, and all about safety. Students are provided with the skills and preparation to become AWS (American Welding Society) certified through classroom and laboratory learning. Multiple dual college credits are available.

PRECISION MACHINING CAPSTONE

(Grade 11-12; 2 Semesters; 6 Credits; ELECTIVE)

Precision Machining Capstone is an in-depth study of skills learned in Precision Machining I, with a stronger focus on CNC setup/operation/programming. Students will be introduced to two axis CNC lathe

HEALTH SERVICES

9451/9452 (first year)
9461/9462 (second year) **HEALTH CAREERS**
(Grade 11-12; 2 Semesters; 12 Credits; ELECTIVE)

Health Careers-Course content for this two-year program includes anatomy and physiology, medical terminology, CNA, CPR and First Aid Certification, health maintenance, disease prevention, and health career exploration. Students spend the 2nd semester of the 2nd year interning at various medical facilities which provides opportunities for job placement and post-secondary education. Dual college credits are available in this program.

** A one-year intensive program is open to seniors.*

PRINCIPLES OF DENTAL CAREERS

(Grade 11-12; 2 Semesters; 2 Credits; ELECTIVE)

Principles of Dental Careers will provide the foundational knowledge and skills necessary to pursue a career in the Dental Field. A focus will be placed on the role of the modern dental assistant and will cover key pre-clinical procedures and beginning dental terminology.

DENTAL CAREERS II

(Grade 11-12; 2 Semesters: 6 Credits; ELECTIVE)

Knowledge of the administrative planning, bookkeeping, recall programs, banking, tax records, computer software, insurance, office practice and management as related to the dental office. In addition, students will practice Oral and Maxillofacial Surgery, Periodontics, Endodontics, Prosthodontics, Pediatric Dentistry, and Orthodontics. Opportunity for increased skill

development in clinical support and business office procedures is routinely provided. The importance of the clinical behavior of materials and biological factors are also stressed. Leadership skills are developed and community service opportunities are provided through participation in HOSA. Students have the opportunity to compete in a number of competitive events at both the state and national level.

9931/9932 (first year)
9941/9942 (second year) DENTAL ASSISTING
(Grade 11-12; 2 Semesters: 6 Credits; ELECTIVE)

Students who enroll in the two-year **Dental Careers** course will be introduced to the various roles that are available in the dental field. Course content includes dental anatomy, dental charting, oral hygiene, and identification & utilization of dental instruments. Students also learn various laboratory skills during the program. The second year of the program offers an internship in the course of the second semester, which allows students the opportunity for real-life experience. Dual college credits are available.

HEALTHCARE SPECIALIST CAPSTONE

(Grade 11-12; 2 Semesters: 6 Credits; ELECTIVE)

The capstone course will provide Healthcare students acquire additional knowledge and skills necessary to work in a variety of health care settings beyond a long term care facility, including hospitals, doctor's offices and clinics. Students can accomplish this goal by completing coursework that will cover topics such as Medical Law and Ethics, Electronic Health Records, and/or Behavioral Health. Schools may offer additional healthcare certifications such as the Certified Clinical Medical Assistant or Phlebotomy along with the coursework or in place of the coursework.

Building Trades students learn construction skills through a residential and light commercial building approach. First-year students work on models contained within their shop and minor building projects. Second-year students take on large-scale, real-life building projects (homes, garages, pole barns, light commercial, remodels, etc.). Specific techniques learned include framing, roofing, exterior finish, interior finish, plumbing, concrete, and masonry skills. Dual college credits are available, and apprenticeship opportunities are available to graduates upon completion of the program.

Skills taught in the two-year **Electrical Trades** program include residential wiring, industrial and commercial maintenance, electrical troubleshooting, blueprint reading, AC/DC theory, and PLCs. Wiring of the SCC Building Trades projects, electrical maintenance of SCC, and a large, hands-on lab provide our students with real-life experience. Students in the Electrical Trades curriculum will have the opportunity to complete level one of the classroom portion of the NCCER

BUILDING AND CONSTRUCTION

Electric Trades Apprenticeship program, OSHA 10-Hour Certification, and the opportunity to participate in SkillsUSA. Dual credits are available in this class.

ELECTRICAL FUNDAMENTALS
(Grade 11-12; 2 Semesters; 2 Credits; ELECTIVE)

This course covers NCCER Electrical Level 1. Its modules cover topics such as orientation to the electrical trade, electrical safety, introduction to electrical circuits, electrical theory, introduction to the National Electrical Code, device boxes, hand bending, raceways and fittings, conductors and cables, basic electrical construction drawings, residential electrical services, and electrical test equipment. The NCCER Electrical Level 1 certificate and wallet card will also be awarded upon successful completion of this course.

The **Heavy Equipment** program is designed to introduce students to all aspects in the major classifications of earth moving. Students will receive training in the operation of backhoes, excavators, bobcats, dump trucks, and forklifts. We are also currently seeking new and updated equipment to further student exposure (loader, dozer, mini-excavator). Students will also be introduced to pipe laying, job estimating and bidding, blue print reading, preventative maintenance (fuel/lubricants), and grade operations. Equipment operations are taught from on-the-job references, along with book training through NCCER (National Center for Construction Education & Research). We work to provide on-the-job experience whenever possible. Program completers can expect to find employment in entry level highway construction along with the opportunity to seek employment in the Operating Engineers (union) Local 181. Students are also prepared to test for their CDLs, for forklift certification, and for OSHA 10-Hour Certification. This is a one-year program with students being encouraged to begin with a year of study in Diesel or Building Trades. A valid driver's license is required.

9771/9772 HEAVY EQUIPMENT
(Grade 11-12; 2 Semesters; 6 Credits; ELECTIVE)

HEAVY EQUIPMENT FUNDAMENTALS

(Grade 11-12; 2 Semesters; 2 Credits; ELECTIVE) Heavy Equipment Fundamentals orients students to the Heavy Equipment industry and the basics operational techniques required to be a Heavy Equipment Operator. Topics include safety, identification of heavy equipment, utility tractors, earthmoving and grades. This course prepares students for the NCCER Heavy Equipment Level 1 certification.

PRINCIPLES OF CONSTRUCTION TRADES

Law Enforcement is a one-year program that introduces students to procedures in the legal field such as arrest techniques, self defense, search and seizure, crime scene evaluation, weapon identification, weapon safety, marksmanship, and situational shooting (we now have a weapon simulator). Class time is spent learning about the law, the Bill of Rights and the Constitution, serial killers, and drugs and their effect on the body. PT (physical training) is also a part of this class. Graduates pursue careers in criminal justice, law enforcement, conservation studies, and other protective services. Dual credits are available.

9881/9882 EMERGENCY SERVICES
(Grade 11-12; 2 Semester; 6 Credits; ELECTIVE)

Emergency Services offers students the opportunity to explore the areas of fire service and emergency medicine. Students experience hands-on training with firefighting, emergency medical services, and tactical rescue operations. This one-year program utilizes the entire school building and grounds, the Versailles Fire Station, and the Versailles Fire Department Training

(Grade 11-12; 2 Semesters; 2 Credits; ELECTIVE)

Principles of Construction Trades 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, learn the types and basic terminology associated with construction drawings, and basic safety. Additionally students will study the roles of individuals and companies within the construction

Tower as an extended classroom. Students are provided the opportunity to test for certification in several different areas, including, but not limited to: Hazardous Materials Awareness and Operations levels, NIMS (National Incident Management System), Indiana State Mandatory Firefighter, NFPA Firefighter I & II, DOT Emergency Medical First Responder, and CPR. Dual credits are available.

A+ **Computer Repair** allows students to dive inside the personal computer. From repairing hardware to troubleshooting operating systems, the course covers a wide variety of technology topics. Upon completion of the course, students will have covered all of the objectives required for the CompTIA A+ Certification Exam. This certification is a standard for IT workers across the globe. Computer Repair is a pre-requisite for Computer Networking. Dual credits are available.

Computer Networking students get direct experience working with today's networking technology. From home and small business wireless networks to large, enterprise- scale routers, students will get direct experience using a wide variety of hardware down to the bare wire. The course also includes exercises in installing, maintaining, and administering servers. Upon completion of the course, students will have covered all the objectives required for the CompTIA Network+ Certification exam. This certification is a standard for network technicians across the globe. Dual credits are available.

INFORMATION TECHNOLOGY ACADEMY

9611/9612 COMPUTER REPAIR
(Grade 11-12; 2 Semesters; 6 Credits; ELECTIVE)

9621/9622 COMPUTER NETWORKING
(Grade 11-12; 2 Semesters; 6 Credits; ELECTIVE)

Students in the two-year **Automotive Technology** program will develop the basic knowledge and skills in all 8 of the ASE (Automotive Service Excellence) testing areas. These areas of study include: engine repair, electrical & electronics, automatic transmission (general services), brakes & braking systems, steering & suspension systems, manual drivetrains (general svcs.),

Digital Design is a course based on the Indiana Academic Standards for Visual Art. Students in digital design engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. They incorporate desktop publishing, multi-media, digitized imagery, computer animation, and web design. Students reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art-related careers.

PRINCIPLES OF COMPUTING

NETWORKING CAPSTONE
(Grade 11-12; 2 Semesters; 6 Credits; ELECTIVE)

Networking Capstone includes hands-on lab work, and a wide array of assessment types and tools. The

heating & A/C (general svcs.), and engine performance. Together these encompass the new ASE Student Certification that can be achieved upon successful completion of the course and the passing of the Maintenance and Light Repair certification test. Our instructors are ASE certified and teach the industry's latest technology with some of the latest equipment. Strong math skills are highly recommended and necessary to succeed. The program is NATEF (National Automotive Technicians Education Foundation) certified and follows their rigorous curriculum to offer students the best in automotive instruction. Dual credits are available.

PRINCIPLES OF DIESEL TECHNOLOGY

(Grade 11-12; 2 Semesters; 2 Credits; ELECTIVE) This course introduces the maintenance requirements and procedures of modern diesel engines and medium and heavy-duty trucks. Proper procedures and requirements for the Federal Highway Safety Inspection (DOT) will be discussed and practiced. In addition, this course gives students an overview of the electrical operating systems of the modern automobile. Students will be introduced to the safety and operation of equipment and tools used in the electrical diagnosis and repair in the automotive electrical industry. Students will study the fundamentals of electricity and automotive electronics.

9151/9152 (first year)
9161/9162 (second year) DIESEL TECHNOLOGY
(Grade 11-12; 4 Semesters; 12 Credits; ELECTIVE)

Diesel Service Technology students train on 18-wheelers, buses, construction and implement equipment, and Cummins engines. Students receive hands-on experience in every aspect of training from ASE certified instructors with industry standard vehicles and tools. Specifically, curriculum includes instruction in diesel engines and repair, pneumatic/hydraulic truck brakes, electronics, suspension and steering, fuel systems, electronic diagnosis, drivetrain, preventative maintenance, and inspection. Diesel is a two-year program with dual college credits available.

DIESEL SERVICES CAPSTONE

(Grade 11-12; 2 Semesters; 6 Credits; ELECTIVE)

This course further explores important skills and competencies within the Diesel Technology Pathway. Topics such as Truck Climate Control Systems, Diesel Engine Performance, HT Electrical Systems, Hd Truck Auto. Transmission and Heavy Truck Electronics. Additionally, Co-Op and Internship opportunities will be available for students.

PRINCIPLES OF AUTOMOTIVE SERVICES

(Grade 11-12; 2 Semesters; 2 Credits; ELECTIVE)

This course gives students an overview of the operating and general maintenance systems of the modern automobile. Students will be introduced to the safety and operation of equipment and tools used in the automotive industry. Students will study the maintenance and light repair of automotive systems. Also, this course gives students an overview of the electrical operating systems of the modern automobile. Students will be introduced to the safety and operation of equipment and tools used in the electrical diagnosis and repair in the automotive electrical industry. Students will study the fundamentals of electricity and automotive electronics.

Students attending the popular two-year **Cosmetology** program learn the skills needed to perform services on the hair, skin, and nails. Upon completion of the program, students will be eligible to take the Indiana State Board Exam and be licensed to perform haircuts, hair color, chemical texture services, and spa services (such as facial and scalp massages, waxing, manicures, and pedicures). Students begin their

AUTOMOTIVE SERVICE CAPSTONE
(Grade 11-12; 2 Semesters; 6 Credits; ELECTIVE)

This course further explores important skills and competencies within the Automotive Service Technology Pathway. Topics such as Steering & Suspension, Engine Repair, Climate Control, and

training on mannequins (with real human hair). During their senior year, students will work in the Career Center's Salon & Spa on real clients. Cosmetology students must complete 1500 hours to graduate, and they must provide their own transportation. Dual college credits are available.

COSMETOLOGY II

(Grade 11-12; 2 Semesters; 6 Credits; ELECTIVE) Cosmetology II builds on concepts learned in Cosmetology I with an emphasis on the development of advanced skills in styling, hair coloring, permanent waving, facials and manicuring. Students will also study anatomy and physiology, professionalism, and salon management in relation to cosmetology.

ADVANCED COSMETOLOGY

(Grade 11-12; 2 Semesters; 2 Credits; ELECTIVE) Advanced Cosmetology will emphasize the development of advanced skills in styling, hair coloring, permanent waving, facials and manicuring. Students will also study anatomy and physiology as it applies to cosmetology. Successful completion of the course requires at least 375 Cosmetology studio hours.

BARBERING AND COSMETOLOGY FUNDAMENTALS

(Grade 11-12; 2 Semesters; 2 Credits; ELECTIVE) Barbering and Cosmetology Fundamentals focuses on the development of practical skills introduced in Principles of Cosmetology. Clinical application and theory in the science of cosmetology are introduced. Successful completion of the course requires at least 375 Cosmetology studio hours.

9411/9412 (first year)
9421/9422 (second year) CULINARY ARTS
(Grade 11-12; 4 Semesters; 12 Credits; ELECTIVE)

Culinary Arts teaches students how to prepare the four major stocks, the five mother sauces (in addition to smaller sauces) and various soups. Additional emphasis is placed on the further development of the classical cooking methods. This course will also present the fundamentals of baking science including terminology, ingredients, weights and measures, and proper use and care of equipment. Students will produce yeast goods, pies, cakes, cookies, and quick breads.

PRE-VOCATIONAL EDUCATION

9871/9872 FACILITY MAINTENCE