

Whitnall High School



Course Guide
2021-2022

WHITNALL SCHOOL DISTRICT PROSPECTUS

[who we are]

PURPOSE !

• • • • • • • • The Whitnall School District engages learners in safe, academically challenging, and supportive experiences so that all students can reach their personal learning goals.

[what we do]

PASSION

The Whitnall School District embraces the unique story of every child. • • • • •

[how we do it]

VALUES

• • • • • • • • • • • • • • Advancement | Belonging | Courage

[where we focus]

VISION

Every Whitnall graduate is prepared to realize their full potential and to positively impact local and global communities. • • • • • • • • • •

[why we do it]

WE'RE
WHITNALL
IN!

About this guide

This course selection guide includes a four-year planning worksheet, information about the Advanced Placement, suggested requirements for admissions to four-year and technical colleges, and information about Career Clusters. The Career Clusters are tools to assist students and parents as they organize and plan for post-secondary education and careers. You will notice that there are 16 Career Clusters that include recommended courses and activities that provide a pathway for each career.

COURSE AVAILABILITY DISCLAIMER

This booklet lists courses, programs, and opportunities open to Whitnall High School students as of February 2021.

- Due to a low number of student requests, limited classroom seating or staff assignments, some courses may not be available for enrollment.
- Some programs, particularly co-op work-study programs, are dependent on community partnerships and may not be available. School counselors are prepared to assist students who may have to change their course selections, educational programs, or class schedules.
- Whitnall High School is dedicated to continuous improvements in our programs. At any time our faculty and district committees may be reviewing a number of course offerings. When changes are approved by the Board of Education, an update notice to this Guide will be made available. This Guide is posted on-line continuously throughout the year at www.whitnall.com under the high school academics page.
- All courses, including Career and Technical Education courses, are available without discrimination based on race, color, religion, national origin, ancestry, creed, pregnancy, marital status, parental status, sexual orientation, sex, (including transgender status, change of sex or gender identity), or physical, mental, emotional, or learning disability, any other characteristic protected by law in any of its student programs, activities, and employment ("Protected Classes").
- Please refer to Whitnall School District [Nondiscrimination Policy](#)

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Planning Your WHS Education

This Guide is designed to assist each student in getting the most out of his/her High School education for a meaningful and productive life after High School. Whitnall High School wants its students to use the scheduling process to plan a four-year sequence which builds a sturdy foundation that can be used as a springboard into successful post-secondary education and a career field. This booklet is intended to be used by students and parents working together on a plan that results in a valuable High School experience.

How to use this guide:

- 1) Look at 16 career clusters, identify top 3 career clusters
- 2) Open the top career clusters 4 year planning guides
- 3) Identify required courses, and choice courses to further research

Business, Management and Administration Career Plan of Study

Required High School Courses

9th Grade	10th Grade	11th Grade	12th Grade
- English 9, - Algebra 1 or Algebra 2 - Biology - Global studies or AP Human Geography - PE 9 / Health (formerly Modern World 1.0)	- English 10, - Analytic Geometry - Modern US History & elective or APUSH - Chemistry, 2 semester long Physical Education electives must be taken at some point grade 10-12 (formerly Modern US 1.0)	- English 11 or AP Language - Algebra 2 / H Precalculus - Physics or AP Physics - Civics & elective or AP Government Personal Finance Requirement: Personal Finance, Economics, AP Micro & Macro Econ (All Econ classes count toward history elective)	- 1.0 credit of English 12 or AP Literature - 1.0 Math elective recommended for college - 1.0 Science elective recommended for college - 1.0 History elective recommended for college

Electives are available in areas of Art, Business, Computer Science, English, Global Languages, Humanities, Music, Math, Physical Education, Science, Social Studies, and Technical Education.

Electives listed below can be taken grade 9-12. This is the recommended sequence for this career field.

ART ELECTIVE: Drawing and Painting 1 Ceramics 1 Printmaking 1 Yearbook	ART ELECTIVE: Digital Arts 1 / Digital Art s2 Drawing/Painting 2 Printmaking 2 Yearbook	ART ELECTIVE Yearbook AP 2D ART Sculpture 1 & 2 BUSINESS ELECTIVES:	ART ELECTIVE Yearbook AP 3 D ART BUSINESS ELECTIVES: Co-op & Employability Skills
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- 4) Visit the course department for these courses to read descriptions and identify any prerequisites

INTRODUCTION TO BUSINESS

Course #2210

Semester Course ~ 1/2 credit

Interested in running or owning a business? This course is designed to help students develop a basic understanding of how businesses function in today's society. Instruction includes an introduction to business management, financial planning, marketing and entrepreneurship through a hands-on business planning project. Careers in the business world and business ethics are also discussed.

INTRODUCTION TO MARKETING

Course #2480

Semester Course ~ 1/2 credit

Learn to develop a product and make it successful. Introduction to Marketing encompasses the study of marketing concepts, specifically the four P's (product, place, price, promotion) of marketing a product. Students will create a

- 5) Enter course choices into blank 4 year planning document
- 6) Utilize 4 year planning document to choose classes in Infinite Campus

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The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.
Careers in designing, planning, managing, building and maintaining the built environment.

Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.

Planning, managing and providing education and training services and related learning support services.

	grade 9	grade 10	grade 11	grade 12
English 4 credits (4 year colleges require minimum of 4 credits of English)	English 9 (1.0) (Honors 9 option in Freshman Academy within the English 9)	English 10 (1.0) (Honors 10 option available to prepare for AP English.)	English 11 (1.0) or AP Language (1.0)	English 12 (1.0) or AP Literature (1.0)
Math 3 credits (4 year colleges require minimum 3 credits of math algebra & higher)	Algebra I / Algebra (1.0)	Geometry / Algebra II (1.0)	Algebra Trig / H Pre Calc (1.0)	College bound students should take math senior year (Precalculus, Statistics, AP Statistics, AP Calc AB)
Science 3 credits (Biology, Chemistry, Physics) 4 year colleges require minimum 3 credits science.	Biology (1.0) (Honors 9 option in Freshman Academy within the Biology 9)	Chemistry (1.0) (Concepts of Chem, Chemistry or H Chem) Concepts classes are not college preparatory	Physics (1.0) (Concepts of Physics, Physics, or AP Physics)	College bound students should take science senior year (AP Biology, AP Chem, AP Physics, Anatomy & Physiology, Medical Terminology)
Social Studies 3 credits (4 year colleges require minimum 3 credits of social studies) Civics or AP Government Econ / AP Econ or Personal Finance. Econ counts as history credit. Personal Finance does not.	Global Studies (1.0) or AP Human Geography (1.0)	Modern US History (1.0) & (1.5) or AP US History (1.0)	Civics (1.0) or AP Government & Politics (1.0) & Economics (1.0) or AP Econ (1.0) or Personal Finance 5 & History elective (1.5)	
PE / Health 1.5 Physical ed & 5 Health	PE 9 (.5) + Health (.5) (health will be taught w/in Freshman Academy)	2 PE electives grade 10-12 (1.0 credit) *PE waiver may be submitted prior to senior year if student participates in WHS high school sanctioned athletic club in lieu of a PE credit. See curriculum guide for specifics.		
Electives 8.5 (if personal finance is taken or 9 if Econ is taken) (Most 4 year colleges require 4.0 electives of additional credits in English, math, science, history, global language, fine arts, computer science, technical areas). *for specific college entrance requirements please see the admissions webpage of the university.				
Total credits:				

24 credits are required for Whitnall High School graduation. College bound students are recommended to take math and science during senior year and a minimum of 2 years of the same global language.

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AGRICULTURE, FOOD & NATURAL RESOURCES

Agriculture in Wisconsin includes science, marketing service, production, supply, processing, the preservation of the food supply, plants, animals and natural resources. This area employs over 12 percent of Wisconsin's workforce.

PATHWAYS IN THIS CLUSTER

Agribusiness Systems
Animal Systems
Environmental Service Systems
Food Products and Processing Systems

Plant Systems
Power, Structural & Technical Systems

RELATED WHITNALL HIGH SCHOOL COURSES

MATH

AP Calculus AB or AP Calculus BC
AP Statistics
Pre-Calculus
Technical math

SCIENCE

AP Biology
AP Chemistry
Environmental Science
Chemistry
Anatomy and Physiology

SOCIAL STUDIES

AP US History
AP World history
Economics
Sociology

TECHNICAL EDUCATION

Building Trades 1 & 2
Engineering Drawing 1 & 2

CAREER OPTIONS

FROM HIGH SCHOOL (On the job training and/or minimal experience)

Bee Keeper
Fisherman
Nursery Worker
Stable Worker

Crop Sprayer
Landscape
Pet Groomer
Vet Hospital Worker

Farm Worker Laborer
Pet Shop Worker
Logger

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE (Community college, technical college, apprenticeship, experience)

Arborist Crop &/or Animal Farmer
Genetic Technologist
Quality Food Control
Animal Control Officer
Environmental Technician
Golf Course Manager
Specialist

Animal Nutritionist
Ferrier Greenhouse Manager
Turf Manager
Bio-Tech Lab Technician
Fish & Game Officer
Horticulturist
Veterinary Tech

Cheese Maker
Forestry Technician
Landscape Designer
Waste Water Tech

BACHELORS, PRE-PROFESSIONAL OR HIGHER DEGREE (Colleges/Universities)

Agricultural Commodities Broker
Biochemist
Greenhouse Operator Toxicologist
Agricultural Economist
Entomologist Landscape Architect
USDA Inspector
Agricultural Educator

Food Scientist
Marine Biologist
Veterinarian
Agricultural Engineer
Forester
Plant Pathologist
Wildlife Biologist

Agricultural Sales & Communications
Game Warden
Soil Geologist
Zoologist
Animal Scientist
Geneticist
Soil Scientist

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Systems

PLACES TO EXPLORE FOR PART TIME JOBS:

VOLUNTEER SUGGESTIONS: Friends of Boerner Botanical Garden, Weed out, Urban Ecology Center, Civil Air Patrol

START COLLEGE NOW/ ECC PROGRAM SUGGESTIONS : [MATC Landscape Horticulture](#)

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ARCHITECTURE & CONSTRUCTION

Careers in designing, planning, managing, building, and maintaining the built environment.

PATHWAYS IN THIS CLUSTER

Construction
Design/Pre-Construction
Maintenance/Operations

RELATED WHITNALL HIGH SCHOOL COURSES

ART

Drawing & Painting I/II

BUSINESS

Intro to business
Intro to Marketing
CO-OP Youth apprenticeship

MATH

Technical Math

Precalculus, AP Calc AB

SCIENCE

Physics
Environmental Science

TECHNOLOGY EDUCATION

Engineering Drawing 1 and 2
Building Trades 1 and 2
Principles of Engineering

CAREER OPTIONS

FROM HIGH SCHOOL (On the job training and/or minimal experience)

Construction Laborer	Construction Worker/Helper	Fence Builder
Grading & Leveling Machine Operator	Groundskeeper and Gardener	Highway Maintenance Worker
Heavy Equipment Operator	Roofer	Tile Setter

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE (Community college, technical college, apprenticeship, experience)

Architectural Drafter	Electrician	Cement Mason
Drywall Installer	Tile Setter	HVAC Technician
Plasterer	Carpenter	Civil Engineering Technician
Bricklayer	Glazier	Pipe Fitter

BACHELORS, PRE-PROFESSIONAL OR HIGHER DEGREE (Colleges/Universities)

Architect	Building Contractor	C.A.D. Designer
Civil Engineer	Cost Estimator	Electrical Engineer
Grounds Supervisor	Interior Design	Landscape Architect

CLUSTER KNOWLEDGE & SKILLS

Academics, Communications, Problem Solving & Critical Thinking, Information Technology, Applications Systems, Safety-Health-Environmental, Leadership & Teamwork.

PLACES TO EXPLORE FOR PART TIME JOBS

VOLUNTEER SUGGESTIONS: Habitat for Humanity

START COLLEGE NOW/ ECC PROGRAM SUGGESTIONS : [UW Milwaukee Architecture Course for High School Students](#) , MATC
Welding [WCTC Dual Enrollment Academy](#)

Apprenticeship Information : [Milwaukee Building Trades](#) , Occupation Outlook

Whitnall High School Course Guide

ARTS, A/V TECHNOLOGY & COMMUNICATIONS

Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

PATHWAYS IN THIS CLUSTER

Audio and Video
Technology in Film
Journalism and Broadcasting

Printing Technology
Telecommunications
Visual Arts

RELATED WHITNALL HIGH SCHOOL COURSES

ART

Art Fundamentals
Ceramics 1, 2
Digital Arts 1, 2
Drawing & Painting 1, 2
Printmaking
Sculpture 1, 2
Yearbook
AP ART

INFORMATION TECHNOLOGY

Digital Communications 1, 2
Intro to Programming
IT/Web Essentials
AP Computer Science Principles

MUSIC

AP Music Theory
Band, Orchestra, Choir, Chorus
Music Production & Industry

SOCIAL STUDIES

Crucial Questions for Dialogue
Health Psychology/AP Psychology
Sociology

BUSINESS

Intro to Business
Intro to Marketing
Event and Project Marketing

ENGLISH LANGUAGE ARTS

AP Language
AP English Literature
Speech

WORLD LANGUAGE

Spanish
French

CAREER OPTIONS

FROM HIGH SCHOOL (On the job training and/or minimal experience)

Floral Designer
Photographer
Stained Glass

Food Stylist
Pre-Press Vet Hospital Worker
Stable Worker

Mural Painter
Proofreader
Musician Sign Designer/Painter

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE (Community college, technical college, apprenticeship, experience)

Animator
Graphic Designer
Public Relations Manager
Bookbinder
Maintainers
Recording Technician

Broadcast Technician
Music Repair Technician
Skin Painter
Caption Writer
Potter

Communications
Line Prepress Technician
Craft Artist
Printing Press Operator

BACHELORS, PRE-PROFESSIONAL OR HIGHER DEGREE (Colleges/Universities)

Animator
Copy Editor
Music Teacher
Architect
Dancer
Music Therapist
Art Professor
Graphic Designer
Musician

Art Teacher
Illustrator
Photographer
Art Therapist
Interior Designer
Potter
Artist
Jeweler
Recording Engineer

Cinematographer
Journalist
Set Designers
Reporter
Composer
Music Repair
Videographer

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Applications, Systems, Safety-Health-Environmental, Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills
PLACES TO EXPLORE FOR PART TIME JOBS

VOLUNTEER SUGGESTIONS:

START COLLEGE NOW/ ECCP PROGRAM SUGGESTIONS: ECC MIAD - ART, MIAD Summer Art course,

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BUSINESS MANAGEMENT & ADMINISTRATION

Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.

PATHWAYS IN THIS CLUSTER

Administrative & Information Support
Business Analysis
Business Financial Management & Accounting

Human Resources
Management
Marketing & Communications

RELATED WHITNALL HIGH SCHOOL COURSES

BUSINESS AND MARKETING

Intro to Business
Intro to Marketing
Event/Project Mktg
Personal Finance
Co-Op Youth Apprenticeship

MATH

AP Statistics
Pre-Calculus
Intro to Statistics

ART

Digital Arts 1 & 2

SOCIAL STUDIES

Economics
AP Economics
Psychology/AP Psychology
Sociology
AP Government Politics

ENGLISH LANGUAGE ARTS

AP English Language
AP Literature

INFORMATION TECHNOLOGY

Digital Communications
IT/Web Essentials
IT Certifications

WORLD LANGUAGE

Spanish
French

CAREER OPTIONS

FROM HIGH SCHOOL (On the job training and/or minimal experience)

Bank Teller
File Clerk
Meter Reader
Billing, Cost & Rate Hospital Admitting
Receptionist

Caterer
Hotel Clerk
Sales Clerk
Human Resource Clerk

Telephone Operator
Data Entry Clerk
Mail Clerk
Typist

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE (Community college, technical college, apprenticeship, experience)

Accountant
Funeral Director
Small Business Owner
Administrative Assistant
Industrial Clerk

Stenographer
Computer Operator
Kennel Owner
Tax Preparer
Court Reporter

Management Trainee
Word Processor
Funeral Director
Retail Sales Supervisor

BACHELORS, PRE-PROFESSIONAL OR HIGHER DEGREE (Colleges/Universities)

Accountant-CPA
Event Planner
Musician's Agent
Advertising Manager
Health Care Administrator

Sales Representative
Art Director
Human Resource Manager
Sales/Manufacturing
Business and Industry

Instrument Theatre Manager
Consultant
Marketing Manager
Travel Agency Manager

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Applications Systems, Safety-Health-Environmental, Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

PLACES TO EXPLORE FOR PART TIME JOBS: bank teller , Sales clerk, fast food,

VOLUNTEER SUGGESTIONS: St Vincent DePaul,

START COLLEGE NOW/ ECCP PROGRAM SUGGESTIONS

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EDUCATION & TRAINING

Planning, managing, and providing education and training services, and related learning support services.

PATHWAYS IN THIS CLUSTER

Administration and Administrative support
Professional Support Services

Teaching/Training

RELATED WHITNALL HIGH SCHOOL COURSES

ART

Art Fundamentals
Ceramics I/II
Digital Arts 1, 2
Drawing & Painting 1, 2
Printmaking
Sculpture 1, 2

BUSINESS AND MARKETING

CO-OP

ENGLISH LANGUAGE ARTS

AP English Language or AP English Lit

MATH

AP Calculus AB or AP Calculus BC
AP Statistics
Algebra 1, 2
Pre-Calculus

MUSIC

AP Music Theory
Band, Orchestra, Choir, Chorus

PHYSICAL EDUCATION

Any Phy Ed Course

SOCIAL STUDIES

AP Government
AP US History
Psychology/AP Psychology
Sociology
Crucial Questions for Dialogue

WORLD LANGUAGE

Spanish
French

CAREER OPTIONS

FROM HIGH SCHOOL (On the job training and/or minimal experience)

Aerobic Instructor
Dance Teacher

Self Enrichment Teacher
Child Care Assistant

Library Assistant

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE (Community college, technical college, apprenticeship, experience)

Computer Installation & Demonstration
Library Technician

Teacher Assistant
Preschool Teacher

Sign Language Interpreter

BACHELORS, PRE-PROFESSIONAL OR HIGHER DEGREE (Colleges/Universities)

Adult Literacy Teacher
Librarian
Speech-Language Pathologist
Apprenticeship
Consultant
Music Teacher
Teacher of the Blind

Bilingual Educator
Music Therapist
Training Program Manager
Educational Administrator
School Counselor
University Professor
Elementary Teacher

School Psychologist
Vocational Education Teacher
Instructional Coordinator
Secondary School Teacher
Kindergarten Teacher
Special Education Teacher

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology System, Safety-Health Environment,
Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

PLACES TO EXPLORE FOR PART TIME JOBS: Day Care center, YMCA, Wisconsin Athletic Club, Park & Recreation

VOLUNTEER SUGGESTIONS:

START COLLEGE NOW/ ECCP PROGRAM SUGGESTIONS

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FINANCE

Planning, services for financial and investment planning, banking, insurance, and business finance management.

PATHWAYS IN THIS CLUSTER

Banking & Related Services
Business Financial Management

Financial & Investment Planning
Insurance Services

RELATED WHITNALL HIGH SCHOOL COURSES

BUSINESS

Intro to Business
Accounting 1, 2
Personal Finance
CO-OP - Youth Apprenticeship

CO-OP

Youth Apprenticeship

Pre-Calculus 1,2

ENGLISH LANGUAGE ARTS

English or AP English

SOCIAL STUDIES

Economics

INFORMATION TECHNOLOGY

Internship
Intro to Programming
IT Certifications

MATH

AP Calculus AB or AP Calculus BC
AP Statistics
Algebra 1, 2

WORLD LANGUAGE

Spanish
French

CAREER OPTIONS

FROM HIGH SCHOOL (On the job training and/or minimal experience)

Bill & Account Collector

Brokerage Clerk Cashier

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE (Community college, technical college, apprenticeship, experience)

Accountant
Financial Institution Manager
Loan Officer

Brokerage Clerk
Insurance Agent
Personal Property Appraiser

Claim Adjuster
Investigator & Adjustor

BACHELORS, PRE-PROFESSIONAL OR HIGHER DEGREE (Colleges/Universities)

Accountants CPA
Investment Advisor
Actuary Credit Analyst
Music Store Accountant
Auditor

Credit Card Operations Manager
Real Estate Appraiser
Brokerage Clerk
Economist
School District Business Manager

Business & Industry Consultant
Financial Advisor
Stockbroker
Controller
Insurance Underwriter

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Systems, Safety-Health-Environment, Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills.

PLACES TO EXPLORE FOR PART TIME JOBS : Bank teller

VOLUNTEER SUGGESTIONS

START COLLEGE NOW/ ECCP PROGRAM SUGGESTIONS

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GOVERNMENT & PUBLIC ADMINISTRATION

Executing governmental functions to include governance: national security; foreign service; planning; revenue and taxation; regulation; and management and administration at the local, state, and federal level.

PATHWAYS IN THIS CLUSTER

Foreign service	Planning	Revenue and Taxation
Governance	Public Management	
National security	Regulation	

RELATED WHITNALL HIGH SCHOOL COURSES

BUSINESS

Intro to Business

ENGLISH LANGUAGE ARTS

English or AP English

WORLD LANGUAGE

Spanish

French

MATH

AP Calculus AB or AP Calculus BC
Foundations of Statistics and Probability
or AP Statistics
Integrated Math
Pre-Calculus 1,2

INFORMATION TECHNOLOGY

IT Certifications

SOCIAL STUDIES

AP Government
AP US History
Economics
AP World History
AP Economics
Psychology/ AP Psychology
Sociology
Crucial Questions for Dialogue
Criminal Justice

CAREER OPTIONS

FROM HIGH SCHOOL (On the job training and/or minimal experience)

Drivers License Examiner	Machine Operator	Postal Clerk
License Clerk	Infantry Forces	
Mail Handling	Mail Carrier	

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE (Community college, technical college, apprenticeship, experience)

Coroner	Infantry Forces	Transportation
Association Executive	Title Examiner	City Planning
Special Forces	Inspector	Postmaster
Accountant	Building Inspector	

BACHELORS, PRE-PROFESSIONAL OR HIGHER DEGREE (Colleges/Universities)

Accountant	Lawyer	Translator/Interpreter
Equal Opportunity Specialist	Social Services Administrator	Dean of Students
Political Scientist	City Manager	Occ. Health & Safety Specialist
Apprenticeship	Legislator	Urban Planner
Infantry Officer	Special Operations Officer	Emergency Mgmt.
Public Utilities Mgr.	Consultant	Specialist Peace Corps Volunteer
Aviation Security Specialist	Music Administrator	

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Systems, Safety Health Environment,
Leadership & teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

SCHOOL CLUB TO JOIN: Mock trial, Model UN

PLACES TO EXPLORE FOR PART TIME JOBS

VOLUNTEER SUGGESTIONS: Civil Air Patrol,

START COLLEGE NOW/ ECCP PROGRAM SUGGESTIONS

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HEALTH SCIENCE

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

PATHWAYS IN THIS CLUSTER

Biotechnology Research and Development

Diagnostic Services
Health Informatics

Support Services
Therapeutic Services

RELATED WHITNALL HIGH SCHOOL COURSES

BUSINESS

Intro to Business
Co-Op - CNA

Algebra 1, 2
Pre-Calculus 1,2
Intro to Stats

AP Physics
Anatomy & Physiology
Medical Terminology

INFORMATION TECHNOLOGY

AP CS Principles
AP CS A (Java)

PHYSICAL EDUCATION

Strength & Conditioning I & II
Health
Lifetime Activities
Yoga
Fitness Trends

SOCIAL STUDIES

Psychology/AP Psychology
Sociology
Crucial questions for dialogue
Criminal justice

ENGLISH LANGUAGE ARTS

English 12 or AP English

MATH

AP Calculus AB or AP Calculus BC
AP Statistics

SCIENCE

AP Biology
AP Chemistry

WORLD LANGUAGE

Spanish
French

CAREER OPTIONS

FROM HIGH SCHOOL (On the job training and/or minimal experience)

Certified Nursing Assistant
Food Services Worker

Hospital Admitting Clerk

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE (Community college, technical college, apprenticeship, experience)

Dental Assistant
Massage Therapist
Registered Nurse Assistant
Dental Hygienist
Medical Assistant

Surgical Technician
Dialysis Technician
Occupational Therapy
Translator and Interpreter
Emergency Medical Technician

Physical Therapy Aid
Ultrasound Technician
Home Health Aide
Radiology Technologist

BACHELORS, PRE-PROFESSIONAL OR HIGHER DEGREE (Colleges/Universities)

Anesthesiologist
Music Therapist
Psychiatrist
Athletic Trainer
Occupational Therapist
Registered nurse

Chiropractor
Oral Surgeon
Statistician
Dentist
Pharmacist
Surgeon

Dietician
Podiatrist
Geneticist
Primary Care Physician

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Systems, Safety Health Environment, Leadership & Teamwork, Ethics & legal Responsibilities, Employability, Technical Skills

PLACES TO EXPLORE FOR PART TIME JOBS: Nursing home dietary, Day care

VOLUNTEER SUGGESTIONS : Ronald McDonald, Nursing Home activities, Penfield Children's Center,

START COLLEGE NOW/ ECCP PROGRAM SUGGESTION: MATC or WCTC CNA,

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HOSPITALITY AND TOURISM

Hospitality and Tourism encompasses the management, marketing and operations of restaurants and other food service, lodging, attractions, and recreation events and travel-related services.

PATHWAYS IN THIS CLUSTER

Lodging	Amusements & Attractions	Travel and Tourism
Recreation	Restaurant and Food/ Beverage Services	

RELATED WHITNALL HIGH SCHOOL COURSES

ART

Art Fundamentals
Drawing and Painting 1, 2

BUSINESS

Intro to Business
Intro to Marketing
CO-OP
Youth Apprenticeship Program

INFORMATION TECHNOLOGY

IT/Web Essentials
IT Certifications

ENGLISH LANGUAGE ARTS

English 12 or AP English

MATH

AP Statistics
Algebra 1, 2

MUSIC

AP Music Theory
Band, Orchestra, or Choir/Chorus

PHYSICAL EDUCATION

Ind. and Team Sports 1, 2
Outdoor Pursuits

SCIENCE

AP Biology
AP Chemistry
Chemistry
Biology

SOCIAL STUDIES

Economics
Psychology/AP Psychology
Sociology
World Geography

WORLD LANGUAGE

Spanish
French

CAREER OPTIONS

FROM HIGH SCHOOL (On the job training and/or minimal experience)

Baggage Porter & Bellhop	Concierge	Wardrobe & Dressing Room Attendant
Gaming Change Person & Booth Cashier	Hotel Clerk	Food Attendant
Short Order Cook	Waiter/Waitress	Janitor
Cake Decorator	Day Worker	Furniture Refinisher
Guide Usher	Hotel/Motel Cleaner	Restaurant Host/Hostess

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE (Community college, technical college, apprenticeship, experience)

Caterer	Household Manager	Taxidermist
Food Service Supervisor	Restaurant Manager	Conference Planner
Restaurant Cook/Chef	Concierge	Recreation Director
Club Manager	Motel & Hotel Manager	Translator (Interpreter)

BACHELORS, PRE-PROFESSIONAL OR HIGHER DEGREE (Colleges/Universities)

Archivist	Musicians Agent	Translator/ Interpreter
Historian	Theatre Manager	Curator
Resort Manager	Conservation Technician	Recreation Director
Coach	Park Ranger	Zookeeper

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Systems, Safety-Health-Environment, Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

PLACES TO EXPLORE FOR PART TIME JOBS

VOLUNTEER SUGGESTIONS

START COLLEGE NOW/ ECCP PROGRAM SUGGESTIONS

Whitnall High School Course Guide

HUMAN SERVICES

Preparing individuals for employment in career pathways that relate to families and human needs.

PATHWAYS IN THIS CLUSTER

Consumer Services
Counseling & Mental Health Services

Early Childhood Development & Services
Family & Community Services

Personal Care Services

RELATED WHITNALL HIGH SCHOOL COURSES

ART

Art Fundamentals
Ceramics 1, 2
Drawing & Painting 1, 2

INFORMATION TECHNOLOGY

CO-OP
Internship
IT Certifications

ENGLISH LANGUAGE ARTS

English 12 or AP English

MATH

AP Statistics
Algebra 1, 2

SCIENCE

AP Biology
Biology
Anatomy
Physiology
Medical Terminology

SOCIAL STUDIES

Economics
Psychology/AP Psychology
Sociology

WORLD LANGUAGE

Spanish
French

CAREER OPTIONS

FROM HIGH SCHOOL (On the job training and/or minimal experience)

Aerobics Instructor
Household Cook

Nanny
Crossing Guard

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE (Community college, technical college, apprenticeship, experience)

Child Care Assistant
Funeral Director
Shoe Repairer
Community Organization Worker

Institutional Cook
Skin Care Specialist
Cosmetologist
Nail Technician

Embalmer
Preschool Teacher

BACHELORS, PRE-PROFESSIONAL OR HIGHER DEGREE (Colleges/Universities)

Alcohol & Drug Abuse Counselor
Liturgical Minister
Religious Worker
Career Counselor
Music Therapy
School Counselor

Clergy
Personal Counselor
Social Worker
Dietician
Placement Counselor
Sociologist

Financial Counselor
Psychiatrist
Vocational Rehab Counselor
Investment Advisor
Psychologist
Religious Worker

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Systems, Safety-Health-Environment, Leadership & Teamwork, Ethics & Legal Responsibilities, Employment & Career Development, Technical Skills

PLACES TO EXPLORE FOR PART TIME JOBS

VOLUNTEER SUGGESTIONS

START COLLEGE NOW/ ECCP PROGRAM SUGGESTIONS

Whitnall High School Course Guide

INFORMATION TECHNOLOGY

Building linkages in IT occupations framework for entry-level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia, and systems integration services

PATHWAYS IN THIS CLUSTER

Information Support & Services
Interactive Media

Network Systems
Programming and Software

Development

RELATED WHITNALL HIGH SCHOOL COURSES

ART

AP 2D Design
Art Fundamentals
Ceramics 1, 2
Digital Arts 1, 2
Drawing & Painting 1, 2
AP 3D Design

Programming with JAVA
IT Certifications

ENGLISH LANGUAGE ARTS

English or AP English

SCIENCE

Physics
AP Physics C

SOCIAL STUDIES

Economics

INFORMATION TECHNOLOGY

AP Computer Science Principles
AP Computer Science A
IT/Web Essentials
Digital Communications 1, 2
Intro to Programming

MATH

AP Calculus AB or AP Calculus BC
AP Statistics
Algebra 1, 2
Pre-Calculus 1, 2

WORLD LANGUAGE

Spanish
French

CAREER OPTIONS

FROM HIGH SCHOOL (On the job training and/or minimal experience)

Careers in this field require more than minimal experience or on-the-job- training

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE (Community college, technical college, apprenticeship, experience)

Computer Support Specialist
Recording Engineer

Tool Programmer
Computer Systems Analyst

Sound Manager
Webmaster

BACHELORS, PRE-PROFESSIONAL OR HIGHER DEGREE (Colleges/Universities)

Animator
Computer Systems Analyst
Scientific & Engineering Programmer
Computer Engineer
Database Administrator

Software Engineer
Computer Network Coordinator
Illustrator Video Game Designer
Computer Programmer
Information Scientist

Webmaster
Computer Security Specialist
Medical & Scientific Illustrator

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Systems, Safety-Health-Environment, Leadership & teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

PLACES TO EXPLORE FOR PART TIME JOBS

VOLUNTEER SUGGESTIONS

START COLLEGE NOW/ ECCP PROGRAM SUGGESTIONS

Whitnall High School Course Guide

LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY

Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

PATHWAYS IN THIS CLUSTER

Correction Services
Emergency & Fire Management Services

Law Enforcement Services
Legal Services

Security & Protective Services

RELATED WHITNALL HIGH SCHOOL COURSES

INFORMATION TECHNOLOGY

Internship
Personal Finance

ENGLISH LANGUAGE ARTS

English 12 or AP English

MATH

AP Statistics
Algebra 1, 2
Pre-Calculus 1, 2

PHYSICAL EDUCATION

Strength and Conditioning 1, 2

SCIENCE

AP Biology
AP Chemistry
Environmental Science
AP Physics 1
Biology
Chemistry
Anatomy
Physiology
Medical Terminology
Physics

SOCIAL STUDIES

AP Government
AP US History
Economics
Criminal Justice
Psychology/AP Psychology
Sociology
Global Studies
Crucial Questions for Dialogue

WORLD LANGUAGE

Spanish
French

CAREER OPTIONS

FROM HIGH SCHOOL (On the job training and/or minimal experience)

Correctional Officer
Dispatcher

Security Guard
Crossing Guard

Parking Enforcement Officer

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE (Community college, technical college, apprenticeship, experience)

Bailiff
Fire Inspector
Paralegal Assistant
Copyright Law

Firefighter
Park Ranger
Court Reporter
Legal Secretary

Police Canine Trainer
Emergency Medical Technician
Musician Law
Police Officer

BACHELORS, PRE-PROFESSIONAL OR HIGHER DEGREE (Colleges/Universities)

Adjudicator
Fingerprint Examiner
Police Officer
Arbitrator
Forensic Science Technician
Private Detective

Conservation Warden
Judge
Probation and Parole Officer
Correctional Officer
Supervisor Judicial
Law Clerk

State Patrol Officer
Emergency Management Specialist
Lawyer
FBI Agent
Park Ranger

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Systems, Safety-Health-Environment, Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

PLACES TO EXPLORE FOR PART TIME JOBS

VOLUNTEER SUGGESTIONS

START COLLEGE NOW/ ECCP PROGRAM SUGGESTIONS

Whitnall High School Course Guide

MANUFACTURING

Planning, managing and performing the processing of material into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and manufacturing/process engineering.

PATHWAYS IN THIS CLUSTER

Health, Safety & Environmental Assurance
Logistics & Inventory Control

Maintenance, Installation & Repair
Manufacturing Production Process Development

Production
Quality Assurance

RELATED WHITNALL HIGH SCHOOL COURSES

ART
Sculpture 1, 2

ENGLISH LANGUAGE ARTS
English 12 or AP English

INFORMATION TECHNOLOGY
IT Certifications
Digital Communications

MATH
AP Statistics
Algebra 1, 2

Pre-Calculus 1, 2

SCIENCE
Environmental Science
AP Physics 1
Physics

SOCIAL STUDIES
Economics

TECHNOLOGY AND ENGINEERING
Intro to Design Engineering
Building Trades 1, 2

TECHNOLOGY AND ENGINEERING cont.
Manufacturing Materials and Process 1, 2
Engineering Drawing 1, 2
Manufacturing and Engineering

WORLD LANGUAGE
Spanish
French

CAREER OPTIONS

FROM HIGH SCHOOL (On the job training and/or minimal experience)

Apparel & Home Furnishings
Hand Worker Production and Planning
Brush Painter

Oil Well Driller
Tire Builder
Dyer Order

Filler Production Assembler
Engraver Production and Planning

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE (Community college, technical college, apprenticeship, experience)

Apparel Pattern Maker
Electrical Appliance Service
Machinist
Combination Welder
Electrical Engineer

Musical Instrument Repairer
Computer Technician
Electronic Engineering Technician
Quality Control Technician

Electric Motor Technician
Industrial Engineering Technician
Tool and Die Maker
Apparel Pattern Maker
Locksmith

BACHELORS, PRE-PROFESSIONAL OR HIGHER DEGREE (Colleges/Universities)

Communications Operations Mgr
Equipment Mfg.
Occupational Health & Engineer Safety Inspector
Electrical Engineer

Graphic Communications Management
Production Supervisor
Electronic Engineer
Industrial Engineer

Stage & Sound
Engineering Manager
Mechanical Engineer
Environmental Engineer
Musical Instrument Design

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Systems, Safety-Health-Environment, Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

PLACES TO EXPLORE FOR PART TIME JOBS

VOLUNTEER SUGGESTIONS

Whitnall High School Course Guide

START COLLEGE NOW/ ECCP PROGRAM SUGGESTIONS

MARKETING, SALES & SERVICE

Planning, managing, and performing marketing activities to reach organizational objectives.

PATHWAYS IN THIS CLUSTER

Buying & Merchandising
Distribution & Logistics
E-Marketing

Management & Entrepreneurship
Marketing Communications & Promotion
Marketing Information Management &

Research
Professional Sales & Marketing

RELATED WHITNALL HIGH SCHOOL COURSES

ART

Art Fundamentals
Digital Arts 1, 2
Drawing and Painting 1, 2
AP 2D Design
AP 3D Design
Printmaking 1, 2
AP Drawing and Painting

BUSINESS

Intro to Business
Intro to Marketing
Event/Project Marketing
Internship
CO-OP

INFORMATION TECHNOLOGY

IT Certifications
IT/Web Essentials
Digital Communications 1, 2
Intro to Programming
Programming with JAVA

ENGLISH LANGUAGE ARTS

English 12 or AP English

MATH

AP Calculus AB or AP Calculus BC
AP Statistics
Algebra 1, 2

Pre- Calculus 1, 2

SCIENCE

Environmental Science

SOCIAL STUDIES

Economics
Psychology/AP Psychology
Sociology

WORLD LANGUAGE

Spanish
French

CAREER OPTIONS

FROM HIGH SCHOOL (On the job training and/or minimal experience)

Antique/Collectible Dealer
Counter Clerk
Street Vendor

Cashier
Customer Service Representative
Telemarketer

Classified Ad Clerk
News Vendor
Wedding Planner

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE (Community college, technical college, apprenticeship, experience)

Advertising Layout Designer
Auto Salesperson
Real Estate Agent

Advertising Sales Representation
Buyer
Auctioneer

Instrument Sales

BACHELORS, PRE-PROFESSIONAL OR HIGHER DEGREE (Colleges/Universities)

Advertising Account Executive
Market Research Analyst
Purchasing Agent
Advertising Manager

Marketing Manager
Purchasing Manager
Business Agent
Public Relations Manager

Real Estate Broker
Insurance Agent
Public Relations Practitioner
Research Analyst

CLUSTER KNOWLEDGE & SKILLS

Advanced Digital Art & Design, Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Systems, Safety-Health- Environment, Leading & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

PLACES TO EXPLORE FOR PART TIME JOBS

VOLUNTEER SUGGESTIONS

START COLLEGE NOW/ ECCP PROGRAM SUGGESTIONS

Whitnall High School Course Guide

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

Planning, managing, and performing marketing activities to reach organizational objectives.

PATHWAYS IN THIS CLUSTER

Engineering & Technology

Science & Math

RELATED WHITNALL HIGH SCHOOL COURSES

ART

Art Fundamentals
Ceramics 1, 2
Digital Arts 1, 2
Drawing & Painting 1, 2
Ceramics 1, 2
Sculpture 1, 2

BUSINESS

Accounting 1, 2
Intro to Business
Personal Finance

ENGLISH LANGUAGE ARTS

English 12 or AP English

INFORMATION TECHNOLOGY

Programming with Java
AP Computer Science Principles
AP Computer Science A

MATH

AP Calculus AB or AP Calculus BC
AP Statistics
Algebra 1, 2
Pre-Calculus 1, 2

PHYSICAL EDUCATION

Strength and Conditioning I/II

SCIENCE

AP Biology
Environmental Science
Biology

Chemistry

Anatomy
SCIENCE cont.
Physiology
Medical Terminology
Physics

SOCIAL STUDIES

Economics

TECHNOLOGY EDUCATION

Intro to Engineering Design
Intro to Computer Programming

WORLD LANGUAGE

Spanish
French

CAREER OPTIONS

FROM HIGH SCHOOL (On the job training and/or minimal experience)

Statistical Clerk

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE (Community college, technical college, apprenticeship, experience)

Biological Technician
Environmental Technician
Nuclear Technician
Chemical Technician

Industrial Engineering
Technician
Petroleum Technician
Civil Engineering Technician

Mathematical Technician
Veterinary Technician
Electronics Engineering Technician
Mechanical Engineering Technician

BACHELORS, PRE-PROFESSIONAL OR HIGHER DEGREE (Colleges/Universities)

Aerospace Engineer
Computer Engineer
Mining Engineer
Anthropologist
Electrical Engineer
Nuclear Engineer
Archaeologist

Geologist
Physicist
Astronomer
Industrial Engineer
Solar Engineer
Biomedical Engineer
Mathematician

Statistician
Chemical Engineer
Mechanical Engineer
Civil Engineer
Metallurgist

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Systems, Safety-Health-Environment, Leading & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

PLACES TO EXPLORE FOR PART TIME JOBS

VOLUNTEER SUGGESTIONS

START COLLEGE NOW/ ECCP PROGRAM SUGGESTIONS

Whitnall High School Course Guide

TRANSPORTATION, DISTRIBUTION & LOGISTICS

Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water, and related professional and technical support services such as transportation infrastructure Planning and management, logistics services, mobile equipment, and facility maintenance.

PATHWAYS IN THIS CLUSTER

Facility & Mobile Equipment
Maintenance
Logistics Planning & Management
Services

Sales & Service
Transportation Operations
Transportation Systems/Infrastructure

Planning, Management & Regulation
Warehousing & Distribution Center
Operations

RELATED WHITNALL HIGH SCHOOL COURSES

BUSINESS

Intro to Business

INFORMATION TECHNOLOGY

Digital Communications 1, 2
IT Certifications

TECHNOLOGY AND ENGINEERING

Intro to Design Engineering
Manufacturing 1, 2
Engineering Drawing 1, 2
Manufacturing and Engineering

Enterprise

ENGLISH LANGUAGE ARTS

English 12 or AP English

MATH

AP Calculus AB or AP Calculus BC
Pre-Calculus 1, 2
AP Statistics

SCIENCE

Environmental Science
AP Physics
Physics

SOCIAL STUDIES

Economics

WORLD LANGUAGE

Spanish
French

CAREER OPTIONS

FROM HIGH SCHOOL (On the job training and/or minimal experience)

Bus Driver
Light Truck Driver
Taxicab Driver
Deckhand

Reservation and Ticket Clerk
Traffic Clerk
Delivery Driver
Service Station Attendant

Highway Maintenance Worker
Shipping and Receiving Clerk

CAREERS WITH CERTIFICATION/ASSOCIATE DEGREE (Community college, technical college, apprenticeship, experience)

Aircraft Mechanic
Diesel Technician
Security Consultant
Auto Body Technician

Flight Attendant
Travel Agent
Automobile Painter
Motorcycle Technician

Cartographic Technician
Railroad Conductor

BACHELORS, PRE-PROFESSIONAL OR HIGHER DEGREE (Colleges/Universities)

Air Traffic Controller
Environmentalist
Mining Manager

Airline Pilot
Locomotive Engineer
Public Health Sanitation

Astronaut
Mechanical Engineer
Travel Agency Manager

CLUSTER KNOWLEDGE & SKILLS

Academic Foundations, Communications, Problem Solving & Critical Thinking, Information Technology Systems, Safety-Health-Environment, Leadership & Teamwork, Ethics & Legal Responsibilities, Employability & Career Development, Technical Skills

PLACES TO EXPLORE FOR PART TIME JOBS : oil change, auto detailing shops,

VOLUNTEER SUGGESTIONS

Whitnall High School Course Guide

START COLLEGE NOW/ECCP PROGRAM SUGGESTIONS

ADVANCED PLACEMENT COURSES

The Advanced Placement Program (AP) is a collaborative effort between motivated students, dedicated teachers, and committed high schools, colleges, and universities. Since its inception in 1955, the program has allowed millions of students to take college-level courses and exams and to earn college credit or placement while still in high school. Nearly 60 percent of United States high schools currently participate in AP, and most of the nation's colleges and universities have an AP policy granting incoming students credit, placement, or both for qualifying AP exam grades.

The Advanced Placement Program is best known for giving high school students the opportunity to earn college credit, to save on college tuition, and even graduate early from college.

Whitnall High School offers the following AP Courses:

AP Biology	AP Microeconomics/AP Macroeconomics
AP Chemistry	AP Music Theory
AP Calculus (AB)	AP Physics C - Mechanics
AP Calculus (BC)	AP Psychology
AP Computer Science Principles	AP Spanish Language and Culture
AP Computer Science A	AP Statistics
AP English Literature and Composition	AP Studio Art 2D
AP French Language and Culture	AP Studio Art 3 D
AP Government and Politics	AP Studio Art Drawing
AP Human Geography	AP US History
AP English Language & Composition	AP World History

Individual course description booklets describing the essential content of each course are prepared by committees of college professors and AP teachers. These booklets also contain sample exam questions.

Students who participate in AP are ultimately given the responsibility to reason, analyze, and understand for themselves. Such intellectual training inevitably helps them succeed in college where these skills are essential. Students interested in pursuing a 4 year degree are strongly encouraged to take at least one Advanced Placement course while in high school.

Students are required to register for each AP course through the college board website the first week of class. AP teachers will have the individual join codes. Students who sign up for Advanced Placement courses will be strongly encouraged to take the AP Exam in May. The cost for this exam will be approximately \$95.00. Students will not be denied the ability to take an Advanced Placement exam due to financial need. All students enrolled in an AP course are registered to take the exam. It is their responsibility to contact the AP Coordinator by November 1st to cancel the exam. Any cancellations or registrations after November 15th will incur a \$50 fee.

For additional information on the Advanced Placement Program at Whitnall High School, see your school counselor or AP teacher.

Graduation Requirements

Beginning with the Class of 2020, to be eligible for a high school diploma, a student must earn a minimum of twenty-four (24) credits as follows:

5460 - GRADUATION REQUIREMENTS

It shall be the policy of the Board to acknowledge each student's successful completion of the instructional program appropriate to the achievement of District goals and objectives as well as personal proficiency by the awarding of a diploma at fitting graduation ceremonies.

A student must earn twenty-four (24) credits, including the credit requirements set by State statute, to be eligible to receive a diploma, provided all other requirements as determined by the State and the Board are met. The Board requires the following credit requirements for a diploma:

Graduation requirements

4.0 English Language Arts credits to include:

- 1.0 English 9
- 1.0 English 10
- 1.0 English 11 or AP Language and Composition
- 1.0 elective English coursework

3.0 Social Studies credits to include:

- 1.0 Global Studies or AP Human Geography
- 0.5 Modern United States History or AP United States History
- 0.5 Civics or AP Government and Politics
- 0.5 Economics or AP Economics (meets Financial Literacy requirement)*
- 0.5 elective Social Studies coursework

Student not taking Economics or AP Economics, must take *Personal Finance* (0.5) and an additional 0.5 credits of social studies.

3.0 Science credits to include:

- 1.0 Biology
- 1.0 Chemistry
- 1.0 Physics

3.0 Mathematics credits.

0.5 Health credits

1.5 Physical Education credits to include:

- 0.5 Fitness Education 9
- 1.0 elective Fitness coursework*

*A student may be eligible to complete an additional 0.5 credit in an elective mathematics, science, English language arts, or social studies course in lieu of 0.5 credit of physical education for the purposes of high school graduation if s/he meets ALL of the following criteria:

- A. The student successfully completes an entire season in a WIAA high school-sanctioned activity or school-based athletic club prior to the start of his/her senior year;
- B. The student, throughout the entire season, remains in good standing, academically eligible, and violates no tenet of the athletic code;
- C. The coach/advisor of the activity and high school athletic director verify, to the high school principal, that the student has satisfied the above criteria.

*A student with a disability who is not able to meet the legitimate requirements for participation in any of the high school's WIAA sanctioned activities, per the WIAA, may be eligible if the student has participated in another organized physical activity of comparable rigor as approved by the high school principal under similar conditions stated above.

Electives - 9.0 credits (students electing to take *Personal Finance* to meet the financial literacy graduation requirement will need only 8.5 credits of electives)

Whitnall High School Course Guide

In order to earn a high school diploma, a student must successfully complete a civics assessment in accordance with State statute.

A student must also have participated in curriculum relating to financial literacy in order to earn a diploma.

In accordance with State law, a board may not grant a high school diploma to any student unless, during the high school grades, the student has been enrolled in a class or has participated in an activity approved by the Board during each class period of each school day, or the student has been enrolled in an alternative education program (defined in s. 115.28(7)(e)1) or is participating in a Board-approved program that allows a student enrolled in the high school grades who has demonstrated a high level of maturity and personal responsibility to leave the school premises for up to one (1) class period each day if the student does not have a class scheduled during that class period.

The Board shall award a regular high school diploma to every student enrolled in this District who meets the requirements of graduation established by this Board as provided by State law.

The Board may waive graduation requirements, except for the core requirements, in exceptional cases to suit the needs of a student subject to Wis. Admin Code, §§ PI 18.03 and PI 18.04.

Graduation Credit as a Middle School Student

The Board permits students in 7th or 8th grade to earn credit towards a high school diploma in any class taken that is approved by the Board for such purpose, provided that the student is academically prepared based on performance on approved student assessments. Any course designated for high school credit at the middle school level must be taught by a teacher with high school certification in the subject matter and must be taught using curriculum and assessments equivalent to those used in the subject at the high school level.

Credit may be earned in any subject area meeting the requirements under this policy.

Courses taken by middle school students for high school credit shall appear on the students' high school transcript, along with the grade received; however, the grade and class will not be factored into the students' high school grade point average.

The Board directs the Superintendent to develop appropriate courses after determining annually whether sufficient student interest and appropriate staffing justifies offering such course(s). The Superintendent shall establish procedures to determine whether a middle school student is academically prepared to take any course approved for high school credit.

Students With Disabilities

Students with disabilities who properly complete the programs specified in their I.E.P. and have received the recommendation of the I.E.P. Committee may participate in graduation activities and may be awarded a diploma (provided the student satisfied the District's high school graduation requirements), or a certificate of attendance (provided the student is returning to the District for transition programming). (see Policy 5460.01)

Graduation Activities and Ceremony

A student may be denied participation in graduation activities for disciplinary reasons and/or for non-payment of fees. All students who choose to participate in the graduation/commencement ceremonies must also abide by an attire/grooming code and participate in the scheduled practice unless excused by the principal. The District Administrator and high school principal may establish additional requirements for participation in the graduation activities and may organize said activities to have the appearance and decorum deemed reflective of the District.

Policy Reporting and Review

The principal of the high school shall prepare a report describing the District's policies on high school graduation standards, including a list of courses required under State law and the number of hours in each school term required to earn one (1) credit for those courses. Additionally, any change to the District's policies shall also be reported to the Department of Public Instruction or other appropriate agency after it has been approved by the Board and signed by the Board president, the Superintendent, and the principal.

It shall be the policy of the Board to periodically review and revise this policy specifying the criteria for awarding a diploma.

Revised 12/18/17

Revised 8/19/19

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Legal

115.28, 118.30, 118.33, Wis. Stats.

WIAA Physical Education Waiver Procedure

Whitnall School District provides students with the option to waive the final one half credit (0.5) of the Physical Education graduation requirement by successfully completing the expectations explained in this Whitnall School District WIAA Waiver Procedure.

STEP	Form	Required Signatures
1	Pre-Season Application	Student & Parent & Counselor
2	Post Season Verification	Coach & Athletic Director

It is the **student's responsibility** to obtain signatures after completion of the sports season and return the completed form to the counseling office by the end of the semester in which the sport took place.

Pre Season Application Procedures:

- By the start of each semester or sport season, a student completes Step 1 “PE Waiver Form Pre-Season Application ” to replace a PE course with a core academic course
- For sports seasons that start in summer, students will meet with their counselors at the beginning of that academic year to obtain signature for Pre-Season PE Waiver Form
- Academic core course must be an additional core course that does not count towards graduation requirements.
- The following must all be completed in the same academic year: the additional core course, completion of the PE Waiver Form, and completion of approved sport
- Student completes Step 1 of PE Waiver Pre season Application and meets with counselor to discuss: PE Waiver, core class, and any potential class adjustments
 - Upon completion of Pre-Season Application on PE Waiver Form, a PE waiver request is placed on the student's schedule as 9th hr course.
 - Upon meeting the requirements of the PE Waiver, the course entitled PE Waiver Request will be replaced with PE Waiver Complete.
- September / January counselors will make a copy of the PE Waiver Form and place it in the student's cum folder and in Infinite Campus documents, and the student receives the initial form back to obtain signatures after the season is completed.

Post Season Verification Procedures:

- By end of the semester, the student will obtain the coach and athletic director’s signatures on the form showing successful completion of the athletic season.
- Students bring the completed PE Waiver Form to the counseling office.
 - The Counseling Office will scan the completed PE Waiver Form and attach it to the student’s file and place the hard copy in the student’s Cumulative Folder.
- If the student does not bring the completed form to the counseling office by the end of the semester, the student’s PE Waiver Verification Form will not be accepted. The student must then enroll in a PE course to meet the graduation requirements.

Whitnall School District

WIAA Physical Education Waiver

STEP ONE: Pre-Season Application

Student Name: _____ Student Grade: 10th 11th

Today's Date: _____

Sport _____ fall winter spring summer

Core course to be taken in lieu of 0.5 PE _____ (mathematics, science, communication arts or social studies course)

I understand that I need to earn 24 credits to graduate from Whitnall School District, and I will still need to have earned 0.5 credit in PE 9 and 0.5 credit in an additional PE elective prior to requesting a PE waiver.

Student Signature _____ Date: _____

Parent/Guardian Signature _____ Date: _____

Counselor Signature _____ Date: _____

Complete this prior to the start of the season. Sports beginning in summer, fill out first week of September.

STEP TWO: Post Season Verification Form:

1. The student participated in a WIAA sanctioned sport for the entire season.

Coaches Signature _____ Date _____

2. The student was not out for more than two weeks for injury or illness for the sports season.

Coaches Signature _____ Date _____

3. The student completed the season without a suspension of one or more competitions.

Athletic Director Signature _____ Date _____

4. This form must be turned into the counseling office by the end of the semester in which the sport season took place.

A link to the Whitnall School District Policy can be found [here](#)

Whitnall High School Course Guide

The Whitnall School District Board of Directors (Board) permits students in 7th or 8th grade to earn credit towards a high school diploma in any class taken that is approved by the Board for such purpose, provided that the student is academically prepared based on performance on approved pupil assessments. Any course designated for high school credit at the middle school level must be taught by a teacher with high school certification in the subject matter and must be taught using curriculum and assessments equivalent to those used in the subject at the high school level.

Credit may be earned in any subject area meeting the requirements under this policy.

Courses taken by middle school students for high school credit shall appear on the students' high school transcript along with the grade received; however, the grade and class will not be factored into the students' high school grade point average (GPA).

The Board directs the Superintendent to develop appropriate courses after determining annually whether sufficient student interest and appropriate staffing justifies offering such course(s). The Superintendent shall establish procedures to determine whether a middle school student is academically prepared to take any course approved for high school credit.

The Board shall award a regular high school diploma to every student enrolled in this District who meets the requirements of graduation established by this Board as provided by State law.

In order to be granted a high school diploma, a student must successfully complete a civics assessment.

Students with disabilities who properly complete the programs specified in their Individualized Education Program (I.E.P.) and have received the recommendation of the I.E.P. Committee may participate in graduation activities and may be awarded a diploma (provided the student satisfied the District's high school graduation requirements) or a certificate of attendance (provided the student is returning to the District for transition programming).

The principal of the high school shall prepare a report describing the District's policies on high school graduation standards, including a list of courses required under State law and the number of hours in each school term required to earn one (1) credit for those courses. Additionally, any change to the District's policies shall also be reported to the Department of Public Instruction or other appropriate agency after it has been approved by the Board and signed by the Board president, a District Administrator, and the principal.

A student may be denied participation in graduation activities for disciplinary reasons and/or for non-payment of fees.

All students who choose to participate in the graduation/commencement ceremonies must also abide by an attire/grooming code and participate in the scheduled practice unless excused by the principal.

It shall be the policy of the Board to periodically review and revise this policy specifying the criteria for awarding a diploma.

Early Graduation

The Board of Education acknowledges that some students are pursuing educational goals which include graduating from high school at an earlier date than their designated class.

Application for early graduation will be submitted to the high school principal in accordance with school regulations. The Board shall review recommendations from the principal, Superintendent, the student's parent(s), and other appropriate staff members when making its decision whether to grant early graduation or not.

The student may participate in graduation ceremonies with his/her designated class. Please note that students wishing to graduate early should take semester 2 of English during Semester 2 of their Junior year.

[Early Graduation Form](#)

Whitnall High School Course Guide

WHITNALL HIGH SCHOOL FOUR YEAR PLANNING GUIDE

Students should use the following template to plan their course work for their high school career.

Grade 9			
1	English	English 9	Freshman Academy <i>3.5 credits earned in 3 class periods</i>
1	Social Studies	Global Studies / AP Human Geography	
1	Science	Biology	
.5	Health	Health	
1	Math		
.5	Phy Ed		
	Elective		
	Elective		
	Elective		
	Elective		
Total Credits		Yes or No	
Grade 10			
1	English	English 10 / American Studies	
1	Social Studies	US History AND Social Studies Elective:	/ AP US History/ American Studies
1	Science	Chemistry / Accelerated Chemistry	
1	Math		
.5	Phy Ed		
	Elective		
	Elective		
	Elective		
	Elective		
Total Credits		Yes or No	
Grade 11			
1	English	English 11 / AP Language and Composition	
1	Social Studies	Civics AND Social Studies Elective:	/ AP Government and Politics
1	Science	Physics / Accelerated Physics	
1	Math		
.5	Phy Ed/WIAA		
	Elective	Personal Finance .5 or Econ .5 or AP Micro or AP Macro Economics 1.0	
	Elective		
	Elective		
	Elective		
Total Credits			
Grade 12			
1	English	English 12	/ AP Literature
	Elective		
	Elective		
	Elective		
	Elective		
	Elective		
	Elective		
	Elective		
	Elective		
Total Credits		Yes or No	Open Campus?

Whitnall High School Course Guide

CLASS RANK AND LAUDE RECOGNITION

Please review [Ag5430 - Class Rank and Laude Recognition](#) for information about class rank for the graduating classes of 2021 & 2022 and the Laude Recognition for the classes of 2023 and beyond.

The purpose of the Laude System is to recognize students for the rigor of their academic program as well as their successes.

Laude Criteria

Courses earning laude semester credits are identified by high school administration and staff. A review process is in place for course additions or eliminations. Courses earning laude semester credits are those that are most rigorous, have potential to earn college credit, or are a capstone for a career pathway. Students transferring to Whitnall will earn laude points for passing Advanced Placement (AP) courses in a prior high school.

Laude courses are identified in the student course handbook and will earn one laude credit per semester of successful completion.

Laude Score: A student's laude score will be determined by multiplying the following two factors:

1. The student's cumulative GPA at the completion of the first semester of the senior year
2. The number of designated laude semester credits earned at the completion of the 2nd semester of the senior year.

***Students must have a minimum grade point of 3.500 to qualify.*

There are three levels of designation; *summa cum laude*, *magna cum laude*, and *cum laude*. The ranges for this recognition are as follows:

- **Summa Cum Laude:**
 - ≥ 80 Laude Points
 - 3.5 - 4.0 GPA
- **Magna Cum Laude:**
 - 57-71.999 Laude Points
 - 3.5 - 4.0 GPA
- **Cum Laude:**
 - 40-56.999 Laude Points
 - 3.5 - 4.0 GPA

There may be some situations where students will be considered for laude recognition on an individual basis, such as students who take a semester or year abroad or who graduate early.

Whitnall High School Course Guide

Whitnall Laude Points											
Grade Point Average											
Number of earned Laude semester credits											
	4	3.95	3.9	3.85	3.8	3.75	3.7	3.65	3.6	3.55	3.5
23	92	90.85	89.7	88.55	87.4	86.25	85.1	83.95	82.8	81.65	80.5
22	88	86.9	85.8	84.7	83.6	82.5	81.4	80.3	79.2	78.1	77
21	84	82.95	81.9	80.85	79.8	78.75	77.7	76.65	75.6	74.55	73.5
20	80	79	78	77	76	75	74	73	72	71	70
19	76	75.05	74.1	73.15	72.2	71.25	70.3	69.35	68.4	67.45	66.5
18	72	71.1	70.2	69.3	68.4	67.5	66.6	65.7	64.8	63.9	63
17	68	67.15	66.3	65.45	64.6	63.75	62.9	62.05	61.2	60.35	59.5
16	64	63.2	62.4	61.6	60.8	60	59.2	58.4	57.6	56.8	56
15	60	59.25	58.5	57.75	57	56.25	55.5	54.75	54	53.25	52.5
14	56	55.3	54.6	53.9	53.2	52.5	51.8	51.1	50.4	49.7	49
13	52	51.35	50.7	50.05	49.4	48.75	48.1	47.45	46.8	46.15	45.5
12	48	47.4	46.8	46.2	45.6	45	44.4	43.8	43.2	42.6	42
11	44	43.45	42.9	42.35	41.8	41.25	40.7	40.15			
10	40										

Summa Cum Laude
Magna Cum Laude
Cum Laude

Example

Student cumulative GPA through 1st semester of senior year= **3.685**

Courses (Laude Semester Credits): AP Psychology (2), AP Human Geography (2), AP US History (2), AP Calculus (2), AP Literature (2), Medical Terminology (1), Industry Certification (1) = **12** semester credits.

Calculation:

$$3.68 \text{ (GPA)} \times 12 \text{ (Laude semester credits)} =$$

44.16 laude points with a designation of *Cum Laude*

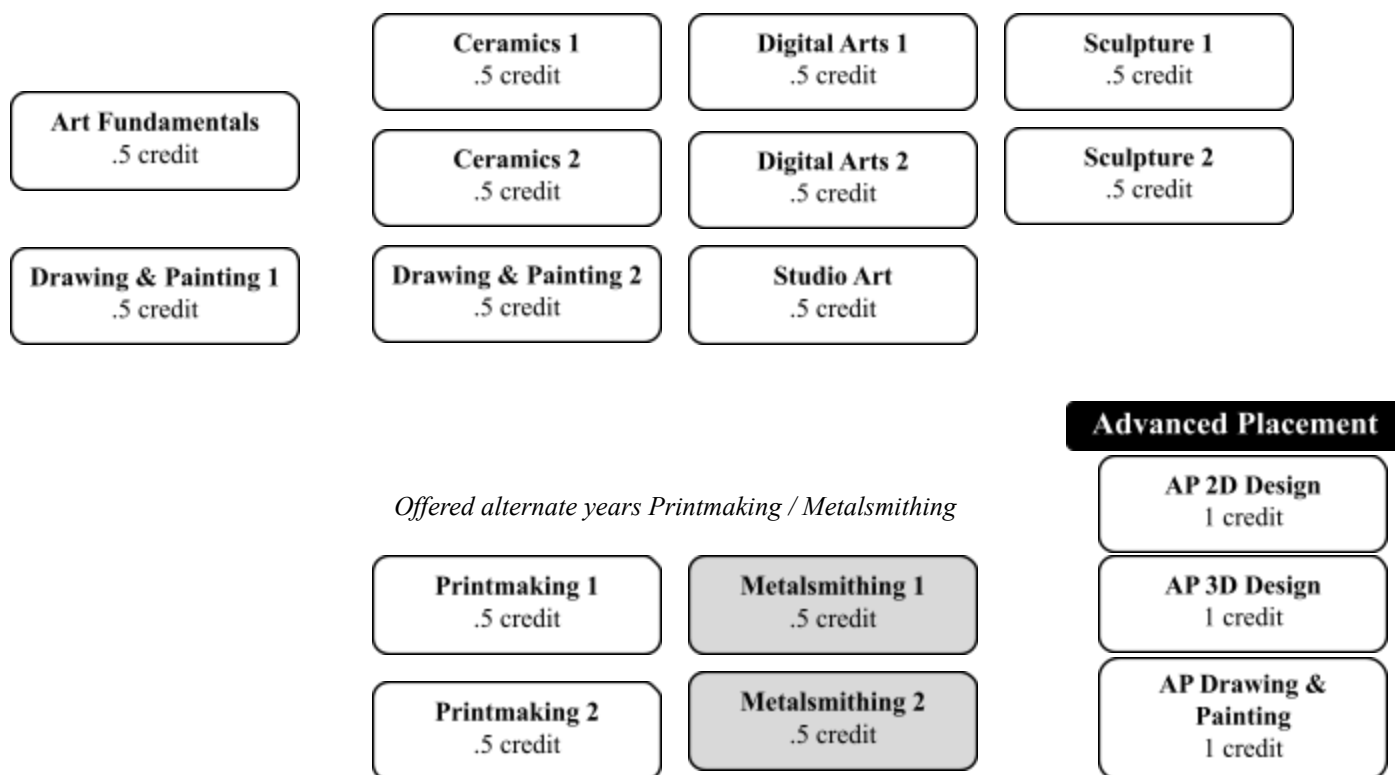
Whitnall High School Course Guide

Advanced coursework earning laude points

Each grade that you receive for a high school course receives a numeric value. These numeric values are used to determine a student's grade point average and consequently their rank-in-class.

AP English Lit & Comp (3401Y)	AP Human Geography (8801Y)	AP Physics 1(7501Y)
AP French Language (4501Y)	AP Government and Politics (8901Y)	AP US History (8301Y)
AP Spanish Language (4601Y)	AP English Language and Composition (3421Y)	AP Computer Science Principles (6650Y)
AP Calculus AB (6401Y)	AP Chemistry (7301Y)	AP Psychology (8501Y)
AP Calculus BC (6403Y)	AP Biology (7201Y)	AP Micro and Macroeconomics (8601Y)
AP Music Theory (1801Y)	AP Drawing & Painting (1431Y)	AP Statistics (6501Y)
AP Computer Science A	AP 2-D Art & Design (1441Y)	AP 3-D Art & Design(1451Y)
Industry Certifications (1 semester point per industry certification)	Youth Apprenticeship / Skilled Certified Co-Op (1 semester point per industry certification)	PLTW and transcribed courses with earned postsecondary credit (points equal to 2X earned Whitnall credit)

ART DEPARTMENT



Art Fundamentals (WHS)

Course #1000

Semester Course ~ 1/2 credit

Prerequisite: None

Grade(s) offered: Any student who has not taken 7th/8th grade Art or Drawing/Painting I

Currently, WHS students wishing to take art are required to choose from very specific content, regardless of whether they have experienced foundational art education in middle school. Art Fundamentals will provide a foundation of the basics and fundamentals of art, along with developing a deeper understanding of the Elements of Art and Principles of Design. Helping students develop a stronger base of artistic knowledge will help to bridge any gap that might occur between middle school art, and allow students to make more informed choices of the variety of art courses offered at an advanced level.

CERAMICS 1

Course #1311

Semester Course ~ 1/2 credit

Prerequisite: Art Fundamentals or Drawing and Painting 1

As an introduction to ceramics, students will explore a variety of techniques and approaches to working with clay including; coils, slab construction, and surface design. The goals of Ceramics are for students to understand proper methods of clay construction, become familiar with historical and contemporary artists working with clay, and to create original and meaningful artwork, including functional and nonfunctional pieces with personal, social or cultural significance. Projects are given as problem-solving exercises allowing students to demonstrate skills with the techniques they learn in the form they choose.

Whitnall High School Course Guide

CERAMICS 2

Course #1312

Semester Course ~ 1/2 credit

Prerequisites: C or higher in Ceramics 1

Students will continue to explore various approaches to working with clay. Students will be required to participate in assigned projects, but will be expected to execute artwork at an advanced level. Projects are given as problem-solving exercises similar to those in Ceramics; however, criteria will be more rigorous and processes more advanced. Students will be expected to create original and meaningful artwork while developing unique and innovative voices through their bodies of work.

DIGITAL ARTS 1

Course #1220

Semester Course ~ 1/2 credit

Digital art is something that influences everyone hundreds of times daily. Product labels, logos, advertisements, textbook covers, and websites are all created digitally. Students will be introduced to this new and rapidly evolving way of expression and will be asked to explore its social and cultural significance. They will explore creative forms such as digital photography, animation, typography, photo manipulation and digital illustration. This course is designed to explore a variety of digital media creation platforms and software, including photoshop, illustrator, and various iPad apps. Projects are given as problem-solving exercises, similar to receiving a commission in the design world, and will create pieces using methods and techniques of their choice to best represent their ideas. Students will be expected to create original and meaningful artwork while developing unique and innovative voices through their bodies of work.

DIGITAL ARTS 2

Course #1230

Semester Course ~ 1/2 credit

Prerequisites: C or higher in Digital Arts 1

Students will continue to explore various approaches to digital designs. Students will be required to participate in assigned projects and will be expected to execute artwork at an advanced level. Projects are given as problem-solving exercises similar to those in Digital Arts 1; however, criteria will be more rigorous and processes more advanced. Students will be expected to create original and meaningful artwork while developing unique and innovative voices through their bodies of work.

DRAWING AND PAINTING 1

Course #1111

Semester Course ~ 1/2 credit

***DRAWING**

Students will explore art making which focuses on a variety of drawing introductory drawing skills. Students will explore realistic, cartoon, and abstract drawing, while applying a basic understanding of the elements and principles of design. They will practice creating interesting and well-developed compositions using a variety of media. Students will be introduced to historical and contemporary artists working with 2-dimensional designs such as illustrators and graphic novelists. Projects are given as problem-solving exercises, students will be expected to problem solve and develop original artwork that is personally, socially or culturally meaningful while developing unique and innovative voices through their bodies of work.

***PAINTING**

Students will explore art making which focuses on painting and other 2 dimensional media. Students will learn a variety of skills and techniques, as well as a basic understanding of the elements and principles of design. They will practice creating interesting and well-developed compositions using a variety of media. Students will be introduced to historical and contemporary artists working with 2-dimensional designs such as illustrators, graphic novelists, painters, collage artists, and mixed media artists. Projects are given as problem-solving exercises, students will be expected to problem solve and develop original artwork that is personally, socially or culturally meaningful while developing unique and innovative voices through their bodies of work.

Whitnall High School Course Guide

DRAWING AND PAINTING 2

Course #1112

Semester Course ~ 1/2 credit

Prerequisite: C or higher in Drawing and Painting 1

Students will continue to explore various approaches to 2-dimensional designs focusing on drawing and painting. Students will be required to participate in assigned projects and will be expected to execute innovative artwork at an advanced level. Projects are given as problem-solving exercises similar to those in Drawing and Painting 1; however, criteria will be more rigorous and processes more advanced. Students will be expected to create original and meaningful artwork while developing unique and innovative voices through their bodies of work.

METALSMITHING 1 (offered 2022-23)

Course #1321

Semester Course ~ 1/2 credit

Prerequisite: Art Fundamentals or Drawing and Painting 1

Metalsmithing is an artistic process that requires time and dedication, leaving students feeling empowered and accomplished. Students will have the opportunity to create wearable art, functional objects and/or sculptural projects. Students will study contemporary and historical examples of metalwork so as to learn how to express ideas through the artistic choices. We will experiment with cutting, surface, textures, joining metals, and finishing techniques. Students taking Metalsmithing will leave the class with an appreciation for art, a better understanding of themselves, and a quality collection of their own artwork.

METALSMITHING 2 (offered 2022-23)

Course #1322

Semester Course ~ 1/2 credit

Prerequisites: C or higher in Metalsmithing 1

Students will continue to explore various approaches to Metalsmithing. Students will be required to participate in assigned projects and will be expected to execute artwork at an advanced level. Projects are given as problem-solving exercises similar to those in Metalsmithing 1; however, criteria will be more rigorous and processes more advanced. Students will be expected to create original and meaningful artwork while developing unique and innovative voices through their bodies of work.

PRINTMAKING 1 (offered 2021-22)

Course #1331

Semester Course ~ 1/2 credit

Prerequisite: Art Fundamentals or Drawing and Painting 1

Printmaking is an art form based on multiples. Through printmaking, students will explore their identities by creating artwork that has personal, social, or cultural meaning. Students will learn various traditional and experimental printmaking techniques that may include monotype, linocut, intaglio, and silkscreen. Through problem solving, students will create an original work that follows specific criteria. Projects are given as problem-solving exercises. Through experimentation, discussion, practice and critique, students will learn to create imagery that clearly conveys their intended messages to create original and meaningful artwork while developing unique and innovative voices through their bodies of work.

PRINTMAKING 2 (offered 2021-22)

Course #1332

Semester Course ~ 1/2 credit

Prerequisite: C or higher in Printmaking 1

Students will continue to explore various approaches to printmaking. Students will be required to participate in assigned projects and will be expected to execute artwork at an advanced level. Projects are given as problem-solving exercises similar to those in Printmaking 1; however, criteria will be more rigorous and processes more advanced. Students will be expected to create original and meaningful artwork while developing unique and innovative voices through their bodies of work.

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SCULPTURE 1

Course #1113

Semester Course ~ 1/2 credit

Prerequisite: Art Fundamentals or Drawing and Painting 1

Fiber arts are some of the most traditional creative media. In Fibers, students will explore a range of fiber based media (cardboard, paper, wood, fabric, thread, and yarn) learning techniques which may include; paper making, basketry, weaving, felting, and sewing. Students will learn about differences in how these traditional crafts were done in a variety of cultures, compared with techniques and styles of today. Projects are given as problem-solving exercises allowing students to demonstrate skills with the techniques they learn in the form they choose.

SCULPTURE 2

Course #1114

Semester Course ~ 1/2 credit

Prerequisites: C or higher in Sculpture 1

Students will continue to explore various approaches to 3-dimensional designs. Students will be required to participate in assigned projects and will be expected to execute artwork at an advanced level. Projects are given as problem-solving exercises similar to those in Sculpture 1; however, criteria will be more rigorous and processes more advanced. Students will be expected to create original and meaningful artwork while developing unique and innovative voices through their bodies of work.

YEARBOOK (Grades 10-12 Only)

Course #1461Y

Year Course ~ 1 credit

Prerequisite: An [application](#) demonstrating writing skill is required.

In this project-based class, students will develop and apply the skills of graphic design, photography and journalism to create Whitnall's yearbook, *Magnum Opus*. Subjects covered will include journalistic writing, including body copy, captions, and headline writing; digital photography; design; and marketing and sales. The class is solely responsible for the content, design, and selling of the yearbook. Students learn to work collaboratively to manage a full-scale production that involves innovating, creating, editing, enhancing, advertising, selling, and distributing our very own book. High quality work is demanded. Since there is a heavy emphasis on writing, students should already be competent writers and feel comfortable publishing their work. Some work outside of our scheduled class is expected. Students must enroll for the full year. If any student fails to meet deadline requirements, the instructor reserves the right to ask that student to withdraw from the course at any time. **This course may be taken more than once for credit.**

STUDIO ART

Course #1410

Semester Course ~ 1/2 credit

Prerequisite: a B or higher in at least one advanced level art course; by invitation only and must submit invitation form to the teacher for approval and turn completed form into the Counseling Office.

Studio art courses are designed for students who have completed an introductory level art course and wish to pursue the media further. This class is offered with a focus in each media (ceramics, metalsmithing, sculpture, drawing & painting, printmaking or digital arts). Students enrolled in Studio Art must be self-motivated and serious about creating a body of work. The goal of these courses is to begin working in a series in order to create a significant collection of artwork while developing and refining skills using specific media. Studio Art students will be responsible for creating 4 (or more) projects during the semester, contributing to development of a digital portfolio. Students will generate specific themes for each quarter and will be required to write a proposal each quarter explaining projects within the context of the theme and creative processes. Completed projects will show an in depth exploration of the theme and material(s) through research, sketches, studies, and completed artworks.

AP Studio Art 2D Design

course #1441

Year ~ 1 credit

Prerequisite: B or higher in 3 art courses (at least one of which must be an advanced course).

Whitnall High School Course Guide

Students must also submit a portfolio of 12 art works to the instructor in order to be accepted into the AP Program. A teacher, student and parent contract acknowledging workload must be signed as this course requires summer work and work completion outside of class time. Due to the nature of the course, a summer workload of four projects must be completed prior to the start of the course.

Students in 2D Design will focus on three goals:

1. Creation and curation of a variety of artworks in a variety of media (breadth) demonstrating the elements and principles of design. This will include gathering artwork completed in previous art classes and completing additional work as necessary.
2. Analysis of their artwork and effective communication of their concepts via a detailed written artist statement.
3. Preparation and submission of a series of artwork (concentration) which demonstrate mastery of a particular media and explore a significant and meaningful idea as the basis for a continuing investigation on a particular topic

AP Studio Art 3D Design

Course #1451

Year ~ 1 credit

Prerequisite: B or higher in 3 art courses (at least one of which must be an advanced course).

Students must also submit a portfolio of 8 art works to the instructor in order to be accepted into the AP Program. A teacher, student and parent contract acknowledging workload must be signed as this course requires summer work and work completion outside of class time. Due to the nature of the course, a summer workload of 4 projects must be completed prior to the start of the course.

Students in 3D Design will focus on three goals:

1. Creation and curation of a variety of artworks in a variety of media (breadth) demonstrating the elements and principles of design. This will include gathering artwork completed in previous art classes and completing additional work as necessary.
2. Analysis of their artwork and effective communication of their concepts via a detailed written artist statement.
3. Preparation and submission of a series of artwork (concentration) which demonstrates mastery of a particular media and explore a significant and meaningful idea as the basis for a continuing investigation on a particular topic.

AP Studio Art - Drawing & Painting

Course #1431

Year ~ 1 credit

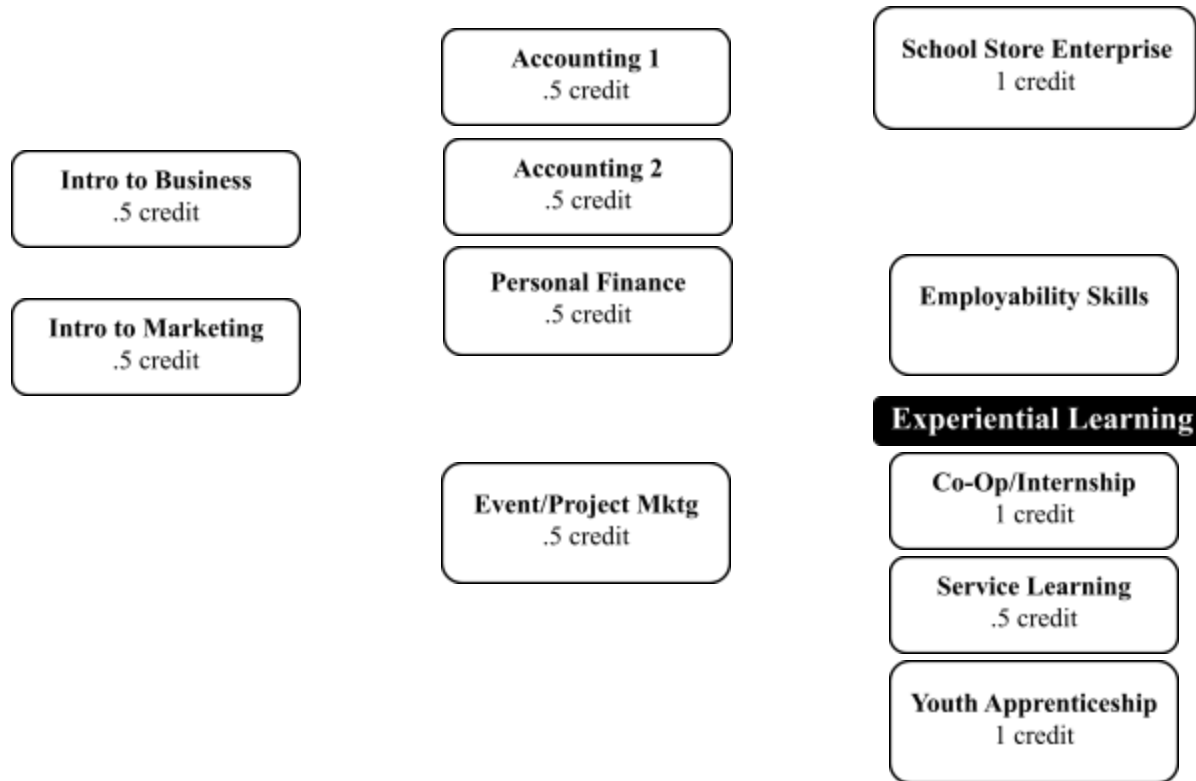
Prerequisite: B or higher in 3 art courses (at least one of which must be an advanced course).

Students must also submit a portfolio of 8 art works to the instructor in order to be accepted into the AP Program. A teacher, student and parent contract acknowledging workload must be signed as this course requires summer work and work completion outside of class time. Due to the nature of the course, a summer workload of 4 projects must be completed prior to the start of the course.

Students in AP Drawing & Painting will focus on three goals:

1. Creation and curation of a variety of artworks in a variety of media (breadth) demonstrating a variety of mark-making techniques. This will include gathering artwork completed in previous art classes and completing additional work as necessary. Drawings and paintings may be completed in any wet or dry media, but cannot include photography or digital collage.
2. Analysis of their artwork and effective communication of their concepts via a detailed written artist statement.
3. Preparation and submission of a series of artwork (concentration) which demonstrates mastery of a particular media and explores a significant and meaningful idea as the basis for a continuing investigation on a particular topic.

BUSINESS AND MARKETING DEPARTMENT



INTRODUCTION TO BUSINESS

Course #2210

Semester Course ~ 1/2 credit

Interested in running or owning a business? This course is designed to help students develop a basic understanding of how businesses function in today's society. Instruction includes an introduction to business management, financial planning, marketing and entrepreneurship through a hands-on business planning project. Careers in the business world and business ethics are also discussed.

INTRODUCTION TO MARKETING

Course #2480

Semester Course ~ 1/2 credit

Learn to develop a product and make it successful. Introduction to Marketing encompasses the study of marketing concepts, specifically the four P's (product, place, price, promotion) of marketing a product. Students will create a new product and apply concepts covered in class to create and present a marketing plan for the product. The sales process is also learned and demonstrated. A "must have" course for students interested in competing in DECA competitive events.

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ACCOUNTING I

Course #2320

Semester Course ~ 1/2 credit

This course is designed to introduce the student to the basic accounting procedures and vocabulary of the “language of business.” Students will learn to complete all the accounting procedures of a sole proprietorship service business. Through the application of both paper and software exercises and simulations, students will experience the entire accounting cycle from analyzing transactions to completing financial statements.

This course is **STRONGLY** recommended for any student who is considering a career in business or owning/managing a business venture.

ACCOUNTING 2

Course #2340

Semester Course ~ 1/2 credit

Take your accounting knowledge to the next level. Through advanced application of both paper and software exercises and simulations, students are able to master the accounting cycle of partnerships and corporations. Topics examined include payroll, corporate taxes, uncollectible accounts, depreciation and inventory.

This course is **STRONGLY** recommended for students who are considering a career in business or owning/managing a business venture.

PERSONAL FINANCE (Grades 10-12 Only)

Course #2500

Semester course ~ 1/2 credit

So you want to be a millionaire? Personal Finance is a course designed to give you the tools to make this happen. Students will learn to manage their financial future through information and exercises regarding budgeting and spending, banking, investing, completing and reconciling a checkbook, housing options and insurance. **Course fulfills the financial literacy graduation requirement.**

EVENT AND PROJECT MARKETING

Course #2490

Semester Course ~ 1/2 credit

Event and Project Marketing provides students with an exciting venue to learn about these fascinating areas within the sports and entertainment, hospitality and tourism industries. Students will explore event planning, sponsorships, public image, endorsements, legal issues, recreation marketing and the entertainment industry. These venues will be used to cover the basic foundations and principles of marketing. Real-world projects and simulations will be used to bring this subject to life.

EMPLOYABILITY SKILLS

Course# 2411Y

Year Course ~ 1 credit (Online or in person instruction)

This course must be taken concurrently with an Internship, Co-Op, or Youth Apprenticeship. Students will develop skills and knowledge needed to seek, obtain, and maintain employment. Topics will include personal skill and aptitude assessments, resume development, job search, the interview process, job responsibility, benefits, and business ethics. Documents will be prepared that will help a student in their current and future employment. This course is offered online but students will meet weekly to provide flexibility in their work-based learning experience.

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COOPERATIVE EDUCATION

Course #2413/4

Year Course ~ 1 credit

Concurrent enrollment in *Employability Skills*

Course is designed to help students gain knowledge and confidence as they prepare for the post-secondary setting. Students will identify and develop an understanding of individual foundation skills and workplace competencies necessary for future success. The program is designed to provide paid work experience for junior and senior high school students which contributes substantially to their educational and occupational development. Students learn technical tasks and employability skills validated by business and industry representatives in cooperation with high school, technical college and university instructors. The student attends school part of the day and works part of the day. A teacher supervises this arrangement in one of the following areas: agriculture, business, family and consumer, marketing, or technology education.

Student may only leave class period early to go to work if they are in good standing with high school credits. this may be revoked if senior is failing a class needed for graduation.

INTERNSHIP

Course # 2520

Year Course ~ 1 credit

Concurrent enrollment in *Employability Skills*

A school supervised work-based program designed for students who wish to complete the State of Wisconsin Employability Skills Certificate. Students are required to obtain a paid part-time employment position, develop a career plan, complete a minimum of 180 hours of paid employment, demonstrate competency of the identified employability skills through on-the-job evaluations and the Employability Skills classroom instruction. If needed, work hours can be completed during the school year and additional hours during the summer.

YOUTH APPRENTICESHIP

Course # YAP 1 / YAP 2

Year course ~ 1 credit

Concurrent enrollment in *Employability Skills*

SERVICE LEARNING

Course # 2510

Semester Course~.5 credit

Service learning is for students who wish to be actively involved in school- or community- based volunteer experiences. By participating in service learning students will develop their knowledge, skills, and talents by engaging in real world, hands-on, and meaningful service experiences. Service learning opportunities may include volunteering at schools, healthcare facilities, daycare centers, animal shelters, or other community-based organizations. Service learning experiences earn .5 credit for one semester and can be repeated but for no additional credits. Examples include classroom aide, school service aide, and student IT help desk.

SCHOOL STORE / ENTERPRISE

Course # 2410

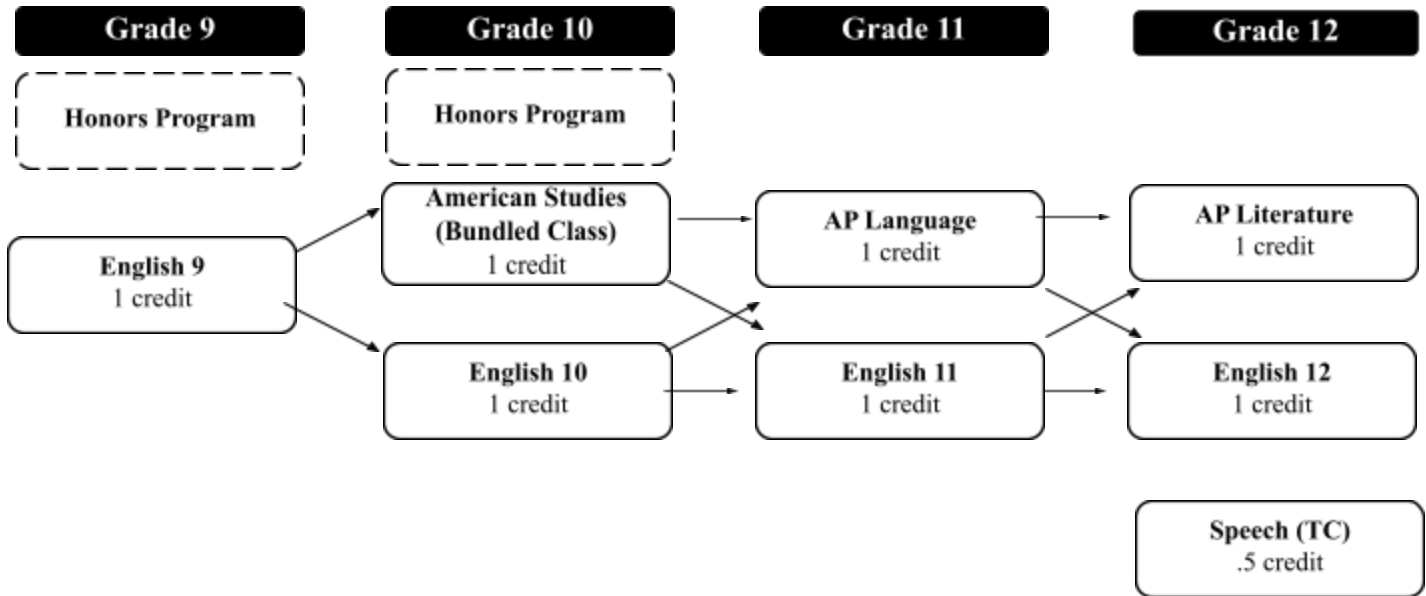
Year Course~ 1 credit

Prerequisite: Two of the following Business/Marketing courses: Introduction to Business, Introduction to Marketing, Accounting 1, Work experience in the school store

In this innovative, co-curricular, capstone course several classes from different disciplines will be combined to incorporate manufacturing skills with business and marketing related skills to design, produce and bring a product to market in an effort to earn a profit. Students will experience the process of managing a production process through hands-on activities while focusing on either the business side or manufacturing side of the process.

Business and marketing skills gained will include; researching costs of manufacturing, facilitating and participating in meetings, applying the marketing mix (product, place, price, promotion) to a product, decision-making and problem solving skills, product development, tracking and calculating income and preparing financial statements. Students in this class will also participate in the operation of Charlie B's, the Whitnall school store.

ENGLISH DEPARTMENT



ENGLISH 9

Course #3121Y

Year Course ~ 1.0 credit

English 9 is a year-long literature and writing-based course. It utilizes a thematic approach to the study of genres and their literary elements and devices. The themes include identity, love and brotherhood, journey, and government and power. Various texts will be analyzed, stressing critical thinking skills through class discussion and composition. The skills of acquiring knowledge, comprehension, application, analysis and other higher-level thinking skills will be emphasized.

Students will also study grammar and vocabulary relative to strong communication skills. Composition skills will be enhanced through the study of a variety of paragraph types and essays. Students will be expected to publish their work on their own time.

ENGLISH 10

Course #3221Y

Year Course ~ 1.0 credit

The primary objectives of this course are to analyze literature organized by theme that spans the American literary movements and to develop more complex composition skills. This thematic approach to the study of American literature is broken down into six concepts of study: individualism, the modern family, gender, the melting pot, heroes and freedom, and education. Students should gain a general understanding of our literary inheritance through discussion, writings and projects.

Students are re-acquainted with the fundamentals of grammar and will work on improving their writing style through the six traits of writing. Students will also build their vocabulary through basic language blocks. Students will learn to use research skills, including technology, to produce research essays. The research papers will include preliminary investigation, organizing, writing and revising.

Whitnall High School Course Guide

AMERICAN STUDIES (BUNDLED)

Course #3441Y

Year Course ~ 1.0 credit

American Studies is a blended English and AP US History course for advanced 10th grade students that emphasizes the connections between literature, culture, and history. Students who take American Studies will have the opportunity to study American history simultaneously with literature from the period. The connectivity between the two disciplines will emphasize and reinforce the connectivity of concepts that are taught in isolation in a regular tenth grade US history and English course. This class creates a learning experience that adds depth and diversity to the students' experience. This course will be taught as a double period and will be taken in lieu of regular 10th grade history and 10th grade English. American Studies will count as a two credit course, and will meet the 10th grade requirements for both Social Studies and English.

ENGLISH 11

Course #3321Y

Year Course ~ 1.0 credit

This year-long required course integrates fundamentals and skills of speech and the traits and skills of writing, specifically analyzing expository writing to develop essays. This incorporation allows students to strengthen the connections between oral and written communication.

The speech component consists of an advanced focus on thought, language, the audible speech pattern, physical skills of delivery, and the attitudes and emotional adjustments necessary for effective speech. The writing component analyzes the writer's position (thesis), factual support for that position, and conclusion. Also stressed will be instruction in complex writing techniques and essay formats, effective application of principles of grammar, mechanics, usage, and acquisition of vocabulary.

AP ENGLISH LANGUAGE AND COMPOSITION

Course #3421Y

Year Course ~ 1.0 credit

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. The pace, rigorous college-level curriculum, instructional methods, and assignments are designed for advanced students who plan to attend a college or university after high school graduation.

The AP test will be administered in May to those students interested in earning college credit for the course.

ENGLISH 12

Course #3431Y

Year Course ~ 1.0 credit

In English 12, students are given the choice of a variety of nine-week segments with each segment being worth a quarter credit. Segments will be targeting post-secondary skills in reading, writing, speaking, and listening. Nine-week offerings include: Short Stories, Contemporary Novels, British Literature, and Creative Writing.

Whitnall High School Course Guide

AP ENGLISH LITERATURE AND COMPOSITION

Course #3401Y

Year Course ~ 1 credit

The Advanced Placement English Literature and Composition course is a one year course designed for the superior English student who wishes to earn college credit while in high school. The aim of the course is to teach students to write well about something important and to develop the skills of a mature reader. Most of the writing in the course is related to literature, either by following literary models or as a critical response to the literature read in and out of class. All formal papers submitted for a grade must be typed. Sample AP tests and in-class writings will also be part of the curriculum. The AP test will be administered in May to those students interested in earning college credit for the course.

SPEECH 201

Course #3540

Semester Course ~ 1/2 credit

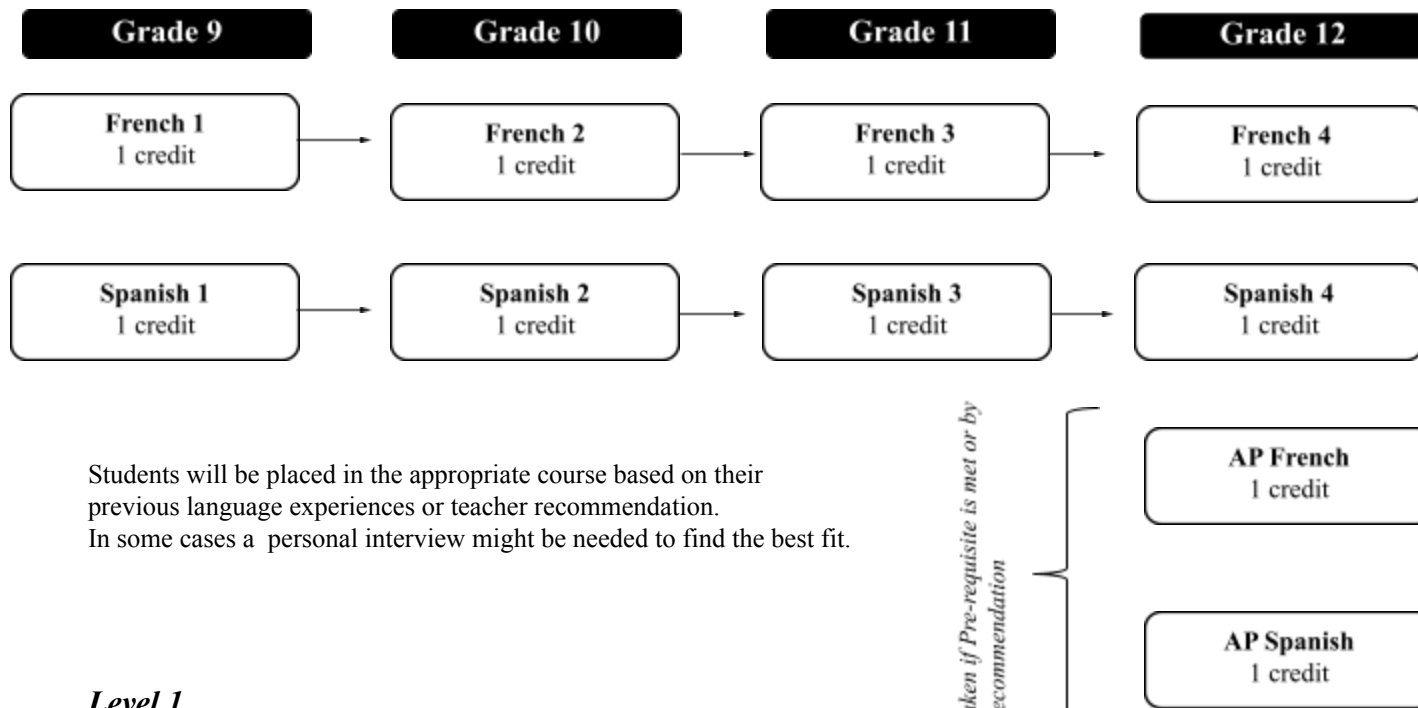
The purpose of this course is the development of speaking skills. Stress is placed upon speech content, organization and delivery. Growth in poise and confidence is a major goal of this course. This course can be taken concurrently with a year long English class, but can not be taken in lieu of a year long English class.

Transcripted credits may transfer to a 4 year universities and other technical college schools. Students should check transfer agreements at institutions of interest. The credit wizard will show how it transfers to 2 -4 year WI state schools.

<https://www.wisconsin.edu/transfer/wizards/>

.
*This course is intended to be transcripted as a college course. However, depending on scheduling factors it may be taught online by a non-Whitnall instructor, or may not qualify for dual credit. *MATC Transcripted Credit (Must be 16 when enroll in the class) **

WORLD LANGUAGE DEPARTMENT



Students will be placed in the appropriate course based on their previous language experiences or teacher recommendation. In some cases a personal interview might be needed to find the best fit.

Level 1

FRENCH 1
Course #4111Y
Year Course ~ 1.0 credit
Prerequisites : NONE

SPANISH 1
Course #4131Y

In this course, students will:

- begin developing listening, speaking, reading, and writing skills in order to meet basic survival needs when communicating.
- demonstrate language acquisition through short, appropriate verbal and written responses using simple language to interact within familiar contexts.
- increase awareness and appreciation of various world cultures by identifying the products, practices, and perspectives and making connections to their own community.

Level 2

FRENCH 2
Course #4211Y
Year Course ~ 1.0 credit

SPANISH 2
Course #4231Y

Prerequisites : completion of Level 1 OR 2 years of the same language in WMS with a passing grade

In this course, students will:

- continue to build on previously acquired language skills in order to meet survival needs when communicating.
- begin to create with language both while speaking and writing in familiar situations and contexts.
- begin to make comparisons of products and practices in their own and other cultures to better understand perspectives.

Whitnall High School Course Guide

Level 3

FRENCH 3
Course #4311Y
Year Course ~ 1.0 credit

SPANISH 3
Course #4331Y

Prerequisites : completion of Level 2 with a passing grade OR instructor recommendation

In this course, students will

- continue to develop their skills in speaking, listening, reading, and writing and begin to interact at a functional level in familiar contexts.
- begin using the language more creatively and independently by being able to maintain conversations and write more detailed messages.
- continue to make comparisons of products and practices in their own and other cultures to better understand perspectives.

Level 4

FRENCH 4
Course #4411Y
Year Course ~ 1.0 credit

SPANISH 4
Course #4431Y

Prerequisites : completion of Level 3 with a C or better OR instructor recommendation

In this course, students will

- continue to develop and build confidence in their speaking, listening, reading, and writing skills communicating in a variety of familiar and concrete everyday situations and some more abstract topics.
- create with the language to describe, narrate, compare, and summarize using more advanced structures in different time frames.
- demonstrate understanding of various cultural values and beliefs through comparisons of their products, practices and perspectives.
- make connections to other disciplines to acquire information and diverse perspectives from language and its cultures in order to think critically.

AP World Language

AP FRENCH
Course #4501Y
Year Course ~ 1.0 credit

AP SPANISH
Course #4601Y

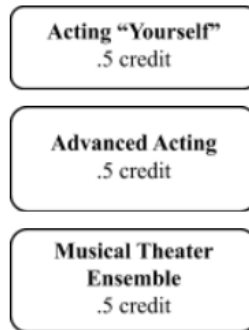
Prerequisites : completion of Level 4 with a C or better OR instructor recommendation

In this course, students will

- continue to develop and refine previously acquired language skills communicating on various topics of personal, local, and global importance.
- read, listen and view a variety of authentic resources in the target language and demonstrate their understanding through analysis and synthesis of its main ideas and supporting details.
- exchange information, thoughts and opinions, participate in discussions and deliver presentations oral or written on some researched topics by using paragraph discourse often in different time frames.
- demonstrate understanding of various cultural values and beliefs through comparisons of their products, practices and perspectives.

As a result of this course, students may choose to take their post-secondary placement test, or the Advanced Placement test in the target language.

HUMANITIES DEPARTMENT



ACTING "YOURSELF"

Course #0001

Semester course ~ 1/2 credit

May only be taken once for credit

Communication and acting is a great skill for those who do not necessarily dream of a career in the theatre. In many ways, theatre is the ultimate liberal art and can help to prepare you for an almost endless range of careers following graduation. As a result of this class, students will be able to:

This class prepares students for an amazing variety of collaborative, creative, people-oriented careers to:

- Use their voice — Diction, clarity, vocal technique, body language
- Body Language — Be comfortable in their own movements.
- Appearance - First impressions
- Preparation
- Making the presentation
- Delivery
- Problem solve

ADVANCED ACTING - Thinking outside of the box The Finale

Course #0002

Semester course ~ 1/2 credit

Prerequisite - Acting Yourself with a B or higher.

This class will perform for a public audience at the end of the semester.

This advanced course is to give students the ability to participate in varied aspects of performance and art with special attention to the fundamentals of putting on a stage show. Students will learn to read and visualize art for meaning, understanding and evaluation. Students will rehearse to create a performance while working in collaboration with other classmates to create an ensemble effort.

The content includes, but is not limited to:

- Create production/performance
- Explain aesthetics of theatre and of art
- Apply knowledge of theatrical elements
- Evaluate theatrical and artistic performance
- Comprehend and evaluate the content and artistic aspects of oral and visual presentations
- Identify relationships between language and culture
- Express ideas through formal presentation.

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MUSICAL THEATRE ENSEMBLE Let's Go on with the Show!

Course #1850

Semester ~ 1/2 credit

This class may be taken more than once.

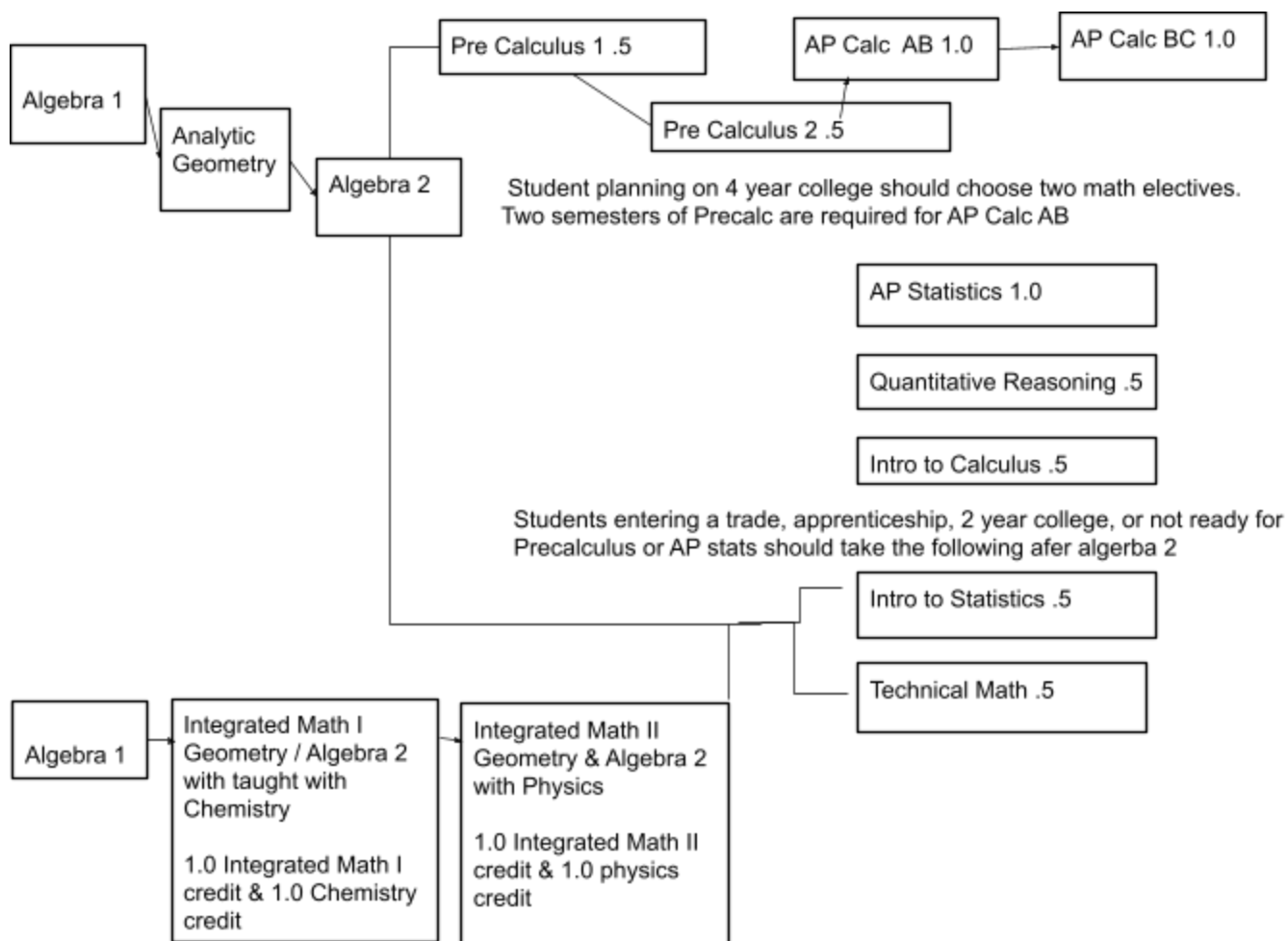
This ensemble class will be the first semester show for a public audience. Musical Theatre Ensemble is an important part of building life skills that develop the whole person. Focus will be on healthy performance techniques for success in auditions and performance. Students are given exposure to different styles of singing, dancing, and acting. This ensemble is designed to teach each student how to explore and expand all boundaries of what is theatrically possible. Each student will obtain the skills necessary to perform and become comfortable on stage. The purpose and process of producing a show in a class setting is to develop the students for performance which relates to the standards of Theatre Curriculum. The curriculum is flexible and can change depending on student needs, budget, or time frame. This class can be used as a toolbox of resources and tips to improve an already existing performer or new performer.

MATH DEPARTMENT

Students move in sequential order.

Some students enter high school at different spots in the order. Some students enter high school in algebra, others geometry. All students move sequentially from one subject to next. **After Algebra 2 is completed, there are options based upon students post high school plans.**

- Students interested in the STEM fields through 4 year college are encouraged to take Pre Calculus semester 1 & 2 sequence to prepare for AP Calc AB. They could concurrently take AP stats or Intro to Statistics.
- Students interested in social science fields of study at either 2 or 4 year university are encouraged to look at a semester of Pre Calculus followed by one of the following semester options: Pre Calculus sem 2, Intro to Calculus, Quantitative Reasoning, Intro to Statistics. They could concurrently take AP Statistics if strong in math.
- Students interested in technical college or apprenticeship are encouraged to look at Technical Math & Intro to Statistics following Algebra 2.



Math Extension .5 elective credit (does not count for math credit.) available as a support for one semester for algebra and analytic geometry for .5 credit

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ANALYTIC GEOMETRY

Course #6251Y

Year Course - Grade 9 ~ 1.0 credit

Prerequisite: Algebra 1

Students will study problems using geometric models, the properties of different figures and the relationships between them. Both plane and solid geometry will be covered with additional work in trigonometry. Reasoning and logic will be emphasized throughout the course. This class provides a rigorous study of geometric concepts.

ALGEBRA 1

Course #6131Y

Year Course ~ 1.0 credit

In Algebra 1 the focus is on representing situations that involve variable quantities with expressions, equations, and inequalities. A strong emphasis is placed on using numeric, symbolic and graphic representations of the same quantity; solving equations and inequalities; and problem-solving techniques. Students also use simple data analysis procedures and search for patterns inherent in mathematics as a means to organize and interpret information.

ALGEBRA 2

Course #6141Y

Year Course ~ 1.0 credit

Prerequisite: Algebra 1

In Algebra II the focus is on representing situations that involve variable quantities with expressions, equations, and inequalities. A strong emphasis is placed on using numeric, symbolic and graphic representations of the same quantity; solving equations and inequalities; and problem-solving techniques. Students also use simple data analysis procedures and search for patterns inherent in mathematics as a means to organize and interpret information.

PRE-CALCULUS 1: Data Analysis and Functions (offered beginning 2021-22)

Course #6431

Semester Course ~ .5 credit

Prerequisite: Algebra 2

Data Analysis and Functions completes Algebra 2, Algebra 2 progression. Students will collect, analyze, process, and display data involving trigonometric, logarithmic, polynomial, and other functions using a variety of tools and resources.

PRE-CALCULUS 2: Stats and Trig (offered beginning 2021-22)

Course #6432

Semester Course ~ .5 credit

Prerequisite: Pre-Calculus 1

Course will offer students a rigorous pace to build foundation with both Calculus and Statistics, allowing for informed decision-making in subsequent math courses. Will allow entry into AP Calculus AB and providing a foundation of statistics for students to enter AP Statistics.

AP CALCULUS AB

Course #6401Y

Year Course ~ 1.0 credit

Prerequisite: Pre-Calculus 2

Calculus consists of further analysis in trigonometry, logarithms, sequences, series and a study of the limit concept, analytical geometry and an introduction to derivatives and integrals and their applications stressing mathematical analysis. This course fulfills the requirements for the College Board Advanced Placement Course in Mathematics, Calculus AB. Students taking this class will be strongly encouraged to take the AP exam. *A graphing calculator is required.*

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AP CALCULUS BC

Course #6403Y

Year Course ~ 1.0 credit

Prerequisite: AP Calculus AB

This course is designed for students who successfully completed AP Calculus AB. Upon successful completion of the course, students will possess a strong understanding of the topics found in a first and second semester college calculus course. By passing the AP exam given in May, students may earn the appropriate college credit for their work. Extensive use of a graphics calculator is required.

MATH EXTENSION

Course #6511

Semester Course ~ .5 elective credits - does not count toward graduation requirements in Mathematics

Prerequisite: None

This semester/half-credit course will be available as an Elective to supplement or receive deeper support on material and concepts in math classes. Students taking Math Extension may repeat the course, but only .5 credit will count toward total graduation credit requirements. Math Extension counts toward general elective credits.

QUANTITATIVE REASONING (offered beginning 2021-22)

Course #6521

Semester Course ~ .5 credits

Prerequisite: Algebra 2

Quantitative reasoning is an engaging and rigorous course that prepares students for future options in less mathematics intensive college majors or for entering general workforce training. In this course, students build knowledge of numerical concepts and solve problems related to a wide range of situations including basic statistics and financial applications. The course offers student activities which help students develop college and career readiness skills.

AP STATISTICS

Course #6501Y

Year Course ~ 1.0 credit

Prerequisite: Pre-Calculus 2 or Intro to Stats

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data: Describing patterns and departures from patterns; Sampling and Experimentation: Planning and conducting a study; Anticipating Patterns: Exploring random phenomena using probability and simulation; and Statistical Inference: Estimating population parameters and testing hypotheses. Students who successfully complete the course and exam may receive credit, advanced placement or both for a one-semester introductory college statistics course.

TECHNICAL MATH (offered beginning 2021-22)

Course #6531

Semester Course ~ .5 credits

Prerequisite: Algebra 2

The Technical Math course covers algebra and geometry needed in technical career programs, including fields such as personal finance, healthcare, construction, and industrial trades. Topics are presented within the context of trade applications which enables students to connect the concepts to possible future careers.

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INTEGRATED MATH 1/PHYSICS/CHEMISTRY

Course #6101Y (Must also take #7101Y)

Year Course ~ 1.0 credit

Prerequisite: Instructor recommendation (This course is intended for 10th graders who have completed Algebra and Biology)

Integrated Physics/Chem & Math 1 introduces the foundational concepts of Physics and Chemistry while providing an interdisciplinary approach to include the mathematical principles of algebra, probability, and geometry. This course is offered for students who would benefit from and/or prefer an interdisciplinary approach to learning Math and Science. Students will explore the integrated study of Chemistry, Physics and Mathematical concepts to deepen understanding of chemistry and earth science fundamentals and motion and stability, energy, and waves. This class takes 2 class periods. Students will earn 1.0 math credits and 1.0 science credit.

INTEGRATED MATH 2/PHYSICS/CHEMISTRY

Course #6411Y (Must also take 7111Y)

Year Course ~ 1.0 credit

Prerequisite: Instructor Recommendation (Intended for 11th graders who have completed Integrated Physics/Chemistry & Math 1 or Chemistry and Geometry)

Integrated Physics/Chem & Math 2 continues the study of physics and chemistry while providing an interdisciplinary approach to include the mathematical principles of advanced algebra, probability, and geometry. This course is designed for students who would benefit from and/or prefer an interdisciplinary approach to learning math and science. Through an inquiry-based, student-centered approach to advanced physics and chemistry concepts, students will apply advanced algebra, probability, and geometry. This class takes 2 class periods. Students will earn 1.0 math credits and 1.0 science credit.

INTRODUCTION TO CALCULUS

Course #6541

Semester Course ~ .5 credit

Prerequisite : Pre-Calculus

Introduction to calculus provides an overview of the three main topics of calculus; limits, derivatives and integrals. The focus is on the practical aspects of the main topics rather than an intensive theoretical approach. Students that are planning on going to a 4-year university and studying a STEM field should consider taking this course.

INTRODUCTION TO STATISTICS

Course #6551

Semester Course ~ .5 credit

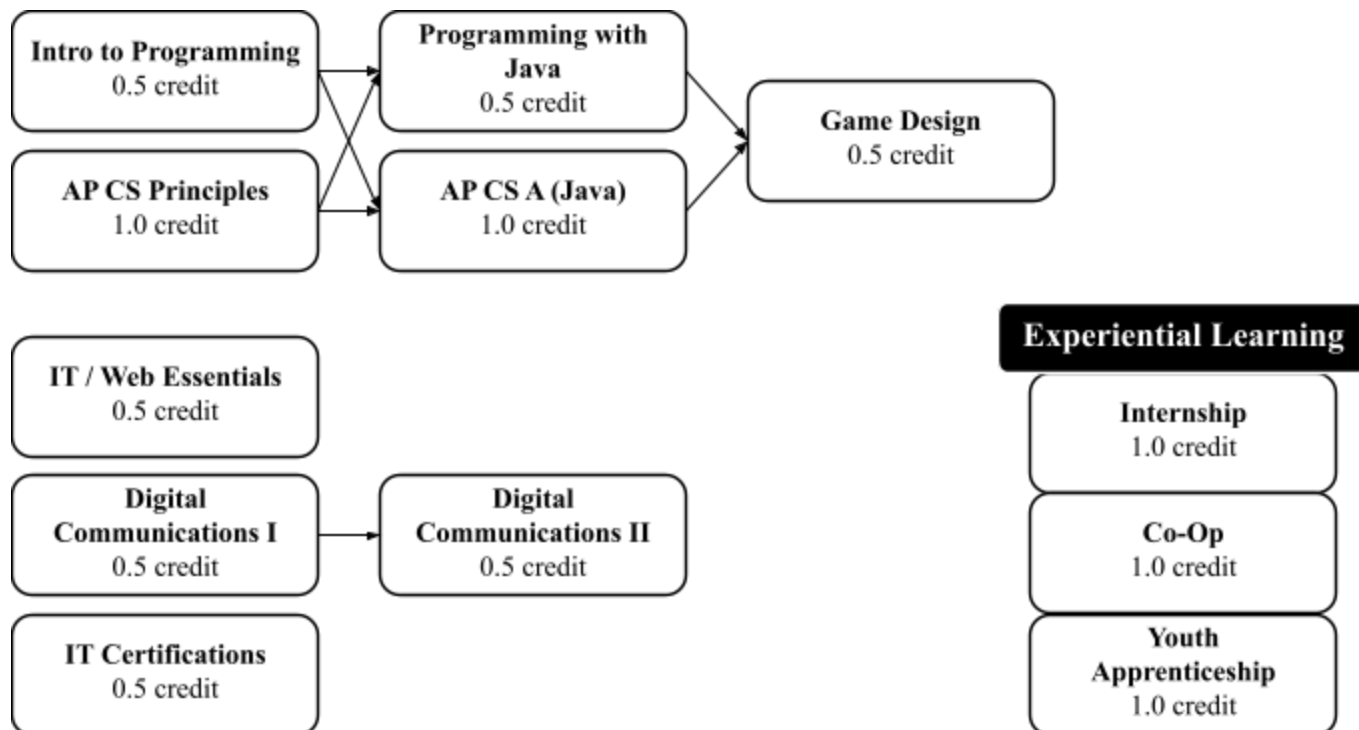
Prerequisite : Pre-Calculus

Statistics begins with an in-depth study of probability, with a focus on conceptual understanding. Students then move into an exploration of sampling and comparing populations.

Throughout the statistics course, students will aim for the following goals:

- Understand probability concepts, including the difference between theoretical probability and experimental outcomes.
- Express the likelihood of single and multiple events numerically.
- Understand sampling procedures, and make inferences about populations from appropriate samples.
- Compute and interpret descriptive statistics about samples, including measures of center and measures of variability.
- Represent data graphically in meaningful ways, including dot plots, histograms, and box plots.
- Represent and interpret the relationship between two variables using scatterplots and regression.
- Apply an understanding of normally distributed data to make and test hypotheses.
- Apply probability concepts to a variety of situations.

INFORMATION TECHNOLOGY AND COMPUTER SCIENCE DEPARTMENT



AP COMPUTER SCIENCE PRINCIPLES

Course #6650Y

Year Course ~ 1 credit

Prerequisites: Completion of Algebra 1

In AP CS Principles, you will be able to answer these questions, and more:

- Unit 1 - How does the internet work? How do computers communicate with each other?
- Unit 2 - How do 1s and 0s create color images? How do files get compressed and what types of compressions are there?
- Unit 3 - How do computer programs actually work?
- Unit 4 - How does encryption work? How does Big Data change the way we do things? Is my personal data actually private?
- Unit 5 - How do I create an app that others can use? How can I create something amazing using basic tools?

This course is available to high school students in grades 9-12. It is recommended that a student has basic algebra skills, is very self-motivated and disciplined, and willing to put in a lot of effort. Remember, this is an AP class. The second semester is mostly programming. You don't need to have prior programming experience but it would help.

AP COMPUTER SCIENCE A

Course #6600Y

Year Course ~ 1 credit

Semester Course ~ 1/2 credit prerequisite Intro to Programming

This course is equivalent to an intro level programming course in college. We will be programming with the Java language. This course is similar to the half-credit "Programming with Java" course but will go much further in detail and cover more topics so you can be ready for college. This course is highly recommended if you're thinking of being a software engineer. Topics that will be covered are: primitive types, using Objects, if statements, iteration, writing classes, arrays, ArrayLists, 2D arrays, inheritance, and recursion.

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IT / WEB ESSENTIALS

Course #6620

Semester Course ~ 1/2 credit

***If you've taken Digital Communication & Coding 1 in Middle School you've already had this course.**

This class will cover three main topics:

- Web Design (HTML & CSS) - You'll learn how to make some amazing websites that you'll be proud of
- Programming - You'll learn how to make 2D games that are actually fun to play
- Computer Hardware - you will learn about the components of a computer, you will disassemble and reassemble a computer, and you will learn how computers work

INTRO TO PROGRAMMING

Course #6640

Semester Course ~ 1/2 credit

Have you ever wanted to learn how to make a game like Hangman? You'll learn how to and more using the friendly language of Python. You'll also learn how to make a trivia game, a guess the number between 1 and 100 game, and a calculator.

PROGRAMMING WITH JAVA

Course #6660

Semester Course ~ 1/2 credit

Prerequisite Intro to Programming or Consent of Instructor

This class will be using the skills we learned in Intro to Programming but extending it using the Java language. Java is a common language used in college, it's used in the AP CS A class, and it's used by billions of devices worldwide. This class, or APCS A, is needed in order to take Game Design. You can take this class and then APCS A if you want the AP credit but there will be repeated information.

GAME DESIGN

Course #6685

Semester Course ~ 1/2 credit

Prerequisite Programming with Java or 1 credit APCS A

Have you ever wanted to make a 3D game and be certified like a professional game designer? We will be learning how to make games using the popular Unity game engine. There will be videos to walk you through each step and fun games to make along the way. Throughout the course you will be designing and creating the video game you've always wanted to play.

IT CERTIFICATION

Course #6695

Independent Study ~ 1/2 credit

Earn industry recognized certifications from Microsoft or Adobe. This is a great way to add to your resume, college admission essay, and build your career skills. Work is done independently and is self-paced, although you will check-in with a teacher who will also get you setup. In order to get credit you will need to pass the certification test.

The following certifications are offered:

- Microsoft: Excel, Word, Powerpoint, Technology Associate (MTA)
- Adobe: Illustrator and Photoshop
- Comp TIA: A+

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DIGITAL COMMUNICATIONS 1

Course #6670

Semester Course ~ 1/2 credit

This course is intended to engage student learning in the field of digital media and communications with hands-on projects and real-world activities. This course is based upon the development of a specific set of skills that would be required in the field of Digital Media. Specific competencies or skill areas include graphic design, audio production, video production, and social media.

DIGITAL COMMUNICATIONS 2

Course #6680

Semester Course ~ 1/2 credit

Prerequisite Digital Communications 1

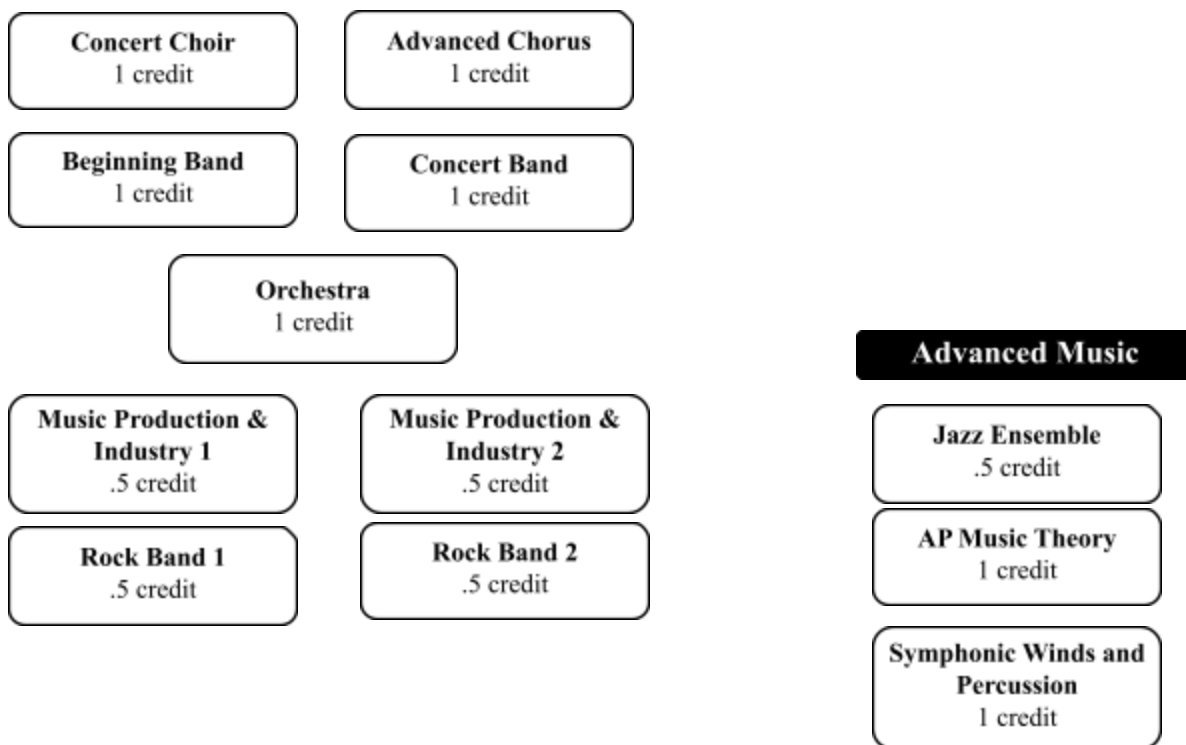
This course extends the foundational skills in Digital Communications 1 and applies advanced topics of audience analysis, media selection, market analytics, and content development. Students will engage in soliciting projects from within the district and community to develop both advanced technical skills and customer service skills.

EXPERIENTIAL LEARNING

Youth Apprenticeship, Co-Op, Internship

You will have the opportunity to work at a job and get credit. Depending on what type of job you decide to work at you will be put into either a Youth Apprenticeship program, a Co-Op, or an Internship. We will work with you to help you get connected and on your way to having the career you want.

MUSIC DEPARTMENT



CONCERT CHOIR

Course #1521Y

Year Course ~ 1.0 credit

This choral group is open to any student interested in vocal music. The Concert Choir performs several formal and informal concerts throughout the year. The ensemble prepares music in many different genres including Classical, Vocal Jazz, Musical Theatre and Pop. Students will learn the basics of reading musical notation, rhythm reading, and sight singing. Members of the choir will have opportunities to perform or compete as a soloist or in an ensemble. No prior singing experience is required. May be taken more than once for credit.

ADVANCED CHORUS

Course #1531Y

Year Course ~ 1.0 credit

This choir's enrollment is based upon the director's placement after an assessment of the student's abilities. Students are required to demonstrate at higher levels of musical theoretical knowledge, sight singing abilities, vocal tone production, and the ability to be a strong independent vocalist. This ensemble is a mixed and balanced ensemble of Basses, Tenors, Altos and Sopranos. The ensemble prepares music in many different genres including Classical, Vocal Jazz, Musical Theatre and Pop in both accompanied and a cappella music. Students will continue to learn advanced reading musical notation, rhythm reading and sight singing. Members of the choir will have opportunities to perform or compete as a soloist or in an ensemble. May be taken more than once for credit.

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BEGINNING BAND

Course #1601Y

Year Course ~ 1.0 credit

This course is designed to teach students how to play an instrument through performance and the study of music theory. Students will learn proper technique, music literacy, music theory, and musical expression through student centered instruction. This course is recommended for students who are new to playing a band instrument or have prior experience with an instrument but have not been an active participant in music ensembles.

CONCERT BAND (*Standard level wind ensemble*)

Course #1611Y

Year Course ~ 1.0 credit

This ensemble is open to 9th and 10th grade students. Students in the Concert Band perform at the winter concert, solo and ensemble festival, pops concert, and spring concert, as well as community events and festivals throughout the school year. The Concert Band fosters high musical standards while allowing its members to further develop their musical and technical skills. This ensemble studies high quality traditional and contemporary band music, and focuses on building upon its members' instrumental abilities in the areas of tone production, individual and ensemble intonation, rhythmic precision, and musicality. Private lessons are strongly encouraged for all Concert Band students. Many members of the Whitnall High School Concert Band also perform in the Whitnall Jazz Band and the Whitnall Marching Falcons. May be taken more than once for credit.

SYMPHONIC BAND (*Advanced wind ensemble*)

Course #1621Y

Year Course ~ 1.0 credit

Prerequisite - 11th or 12 grade, or with the teacher's approval

This ensemble is open to all 11th and 12th grade students, as well as the 9th and 10th grade students with the teacher's approval. Students in the Symphonic Band perform at the winter concert, solo and ensemble festival, pops concert, and spring concert, as well as community events and festivals throughout the school year. This ensemble studies advanced literature for winds and percussion drawn from the highest quality traditional and contemporary repertoire. Symphonic Band students focus primarily on development of musicality. Symphonic Band students serve on an as needed basis as members of the WHS Chamber Orchestra (a combination of the WHS Orchestra and select Symphonic Band musicians as determined by the instrumentation of the music being studied). Private lessons are strongly encouraged for all Symphonic Band students. Many members of the Whitnall High School Symphonic Band also perform in the Whitnall Jazz Band and the Whitnall Marching Falcons. May be taken more than once for credit.

JAZZ ENSEMBLE (*Advanced Jazz Ensemble*); *Held Before School*

Course # 1911Y

Year Course ~ 1/4 credit per semester

This course meets 6:45 to 7:30 AM on Mondays, Wednesdays, and Fridays. Enrollment is contingent on enrollment in a WHS Concert Ensemble and/or the director's placement after an assessment of the student's abilities. Students enrolled in Jazz Ensemble will study a wide variety of jazz styles through a strong emphasis on performance, jazz music theory, jazz history, and improvisation. Private lessons are strongly encouraged for jazz ensemble musicians and extra rehearsals will be scheduled on an as needed basis. The group performs at concerts, festivals and special events. May be taken more than once for credit.

ORCHESTRA

Course #1711Y

Year course ~ 1.0 credit

Enrollment is based upon the director's placement after an assessment of the student's abilities. This group focuses on fundamental and advanced instrumental techniques including, but not limited to, the following: individual and group intonation and tone development in major, minor and modal tonalities; advanced development of rhythmic and pulse skills in simple, compound and multimeter settings; emphasis on basic theory, history and compositional practices as applied to music

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studied; an advanced focus on musicianship; and an emphasis on advanced string technique. In addition, members of the WHS Orchestra frequently combine with select members of Sinfonietta and the WPE (see descriptions above) to create the WHS Chamber Orchestra on a “need be” basis. Members are exposed to literature of the highest quality. This group seeks to perform much like a professional ensemble. Outside private lessons are strongly encouraged, and extra rehearsals will be scheduled on a “need be” basis. The group performs at annual concerts and festivals throughout the school year. May be taken more than once for credit.

MUSIC PRODUCTION & INDUSTRY 1

Course #1820

Semester Course ~ 1/2 credit

This course is designed to give students the opportunity to create, produce, mix, edit and engineer music through the latest digital recording and sequencing technologies. Topics covered will include: sampling live audio production; MIDI production; art of mixing and mastering; recording studio basics; software and sound exploration; methods of music production; and the role of the producer/engineer. As a result of this course, students will develop creative and critical thinking skills, along with overall musicianship, which will be showcased through music compositions (mostly digital recordings) and creative listening assignments. Students will also have the opportunity to work with professional studio musicians on and off campus.

MUSIC PRODUCTION AND INDUSTRY 2

Course #1821

Semester Course ~ 1/2 credit

Prerequisites: Instructor Approval or Music Production & Industry 1

This course will build upon the skills and techniques developed in Music Production and Industry 1. Students will refine abilities in songwriting, audio editing, engineering, and producing music. Students will use the latest digital recording technology to create unique music compositions. Students will also deepen their understanding of the elements of music such as form, rhythm, meter, melody/harmony, pitch, timbre, and texture. As a result of this course, students will deepen their creative and critical thinking skills along with overall musicianship, which will be showcased through music compositions, reflections, and creative listening assignments.

ROCK BAND 1

Course #1841Y

Semester Course~ 1/2 credit

This course is designed for students who want to develop music-making skills and music literacy using primarily rock and pop music. This entry level course is designed for all students, so little or no prior experience is needed. Those students without formal musical reading skills or prior musical ensemble experience are encouraged to enroll. Hands-on instruction will be given on guitar, electric bass, drum set, keyboard, and vocals. Students will develop skills on each instrument, create ensembles, and explore music performance. Each student will be exposed to live sound reinforcement and be given the opportunity to “run” a live concert (either in or outside of class). Students who wish to take Rock Band for the year should enroll in Rock Band I and Rock Band 2.

Whitnall High School Course Guide

ROCK BAND 2

Course #1842

Semester Course~ 1/2 credit

Prerequisites: Instructor Approval or Rock Band 1

This course is designed for students who wish to continue their music making abilities and deepen their knowledge of rock music while further exploring group music performance. Course content will focus on elements within rock music as well as a continued focus on the fundamental elements of music. This intermediate level course is designed for those students who have an interest in group music making (specifically rock music) and instrumental exploration. Hands on instruction will continue on guitar, electric bass, drum set, keyboard, and vocals. Students will further develop their understanding in live sound reinforcement and will be responsible for running sound during live shows. Students who wish to take Rock Band for the year should enroll in Rock Band I and Rock Band 2.

AP MUSIC THEORY

Course #1801Y

Year Course ~ 1.0 credit

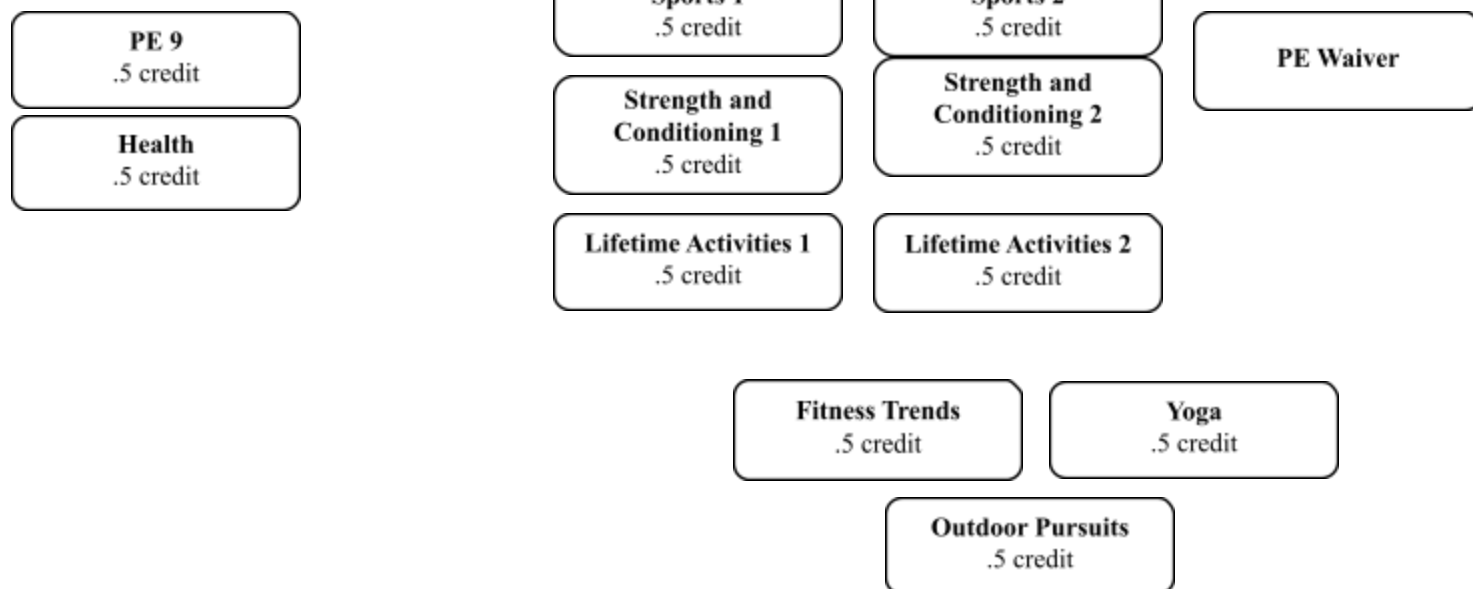
Prerequisites: *Must be concurrently enrolled in a music performance class (Symphonic Winds and Percussion, Concert Band, Jazz Band, Orchestra, or Concert Choirs)*

In this course, students will develop the ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. Students will develop these skills by initially addressing fundamental aural, analytical, and compositional skills using both listening and written exercises. Building on this foundation, the course progresses to include more creative tasks, such as the harmonization of a melody by selecting appropriate chords, composing a musical bass line to provide two-voice counterpoint, or the realization of figured-bass notation. Important components of the course include music terminology, notational skills, basic compositional skills, musical analysis, and aural skills. The course will prepare students to complete the AP Music Theory exam in May.

PHYSICAL EDUCATION/HEALTH DEPARTMENT

Heart rate monitor straps are a requirement for all PE classes and will be available in the school store for \$20.

Grade 9



PE 9

Course #9111

Semester Course ~ 1/2 credit

There will be physical activity and classroom components throughout the year that will coincide to provide students with the knowledge they need to begin leading a healthy lifestyle for years to come. They will also be required to assess their present level of total wellness.

Health

Course #9101Y

Year Course ~ 1/2 credit (1/4 credit per semester)

During this course, freshman students will acquire knowledge that will help them enhance their physical, social, and emotional well-being.

Individual and Team Sports 1

Course # 9120

Semester Course ~ 1/2 credit

Prerequisite: PE9/Health

Students will be presented with opportunities to develop and refine sports skills in activities such as volleyball, basketball, floor hockey, soccer, speedball, ultimate Frisbee, Eclipse ball, lacrosse, flag football, and water sports. In addition, concepts of sportsmanship, etiquette, and teamwork will be developed. They will also focus on improving skills to compete in a recreational setting.

Individual and Team Sports 2

Course #9140

Semester Course ~ 1/2 credit

Prerequisite: Individual and Team Sports 1

This course is designed to further improve the physical fitness and skill development of students who enjoy team and individual sports. Students will learn about the concepts of sportsmanship, teamwork, and strategies that are essential to their successful participation in team sports. The units in this course will include: ultimate Frisbee, speedball, soccer, football, volleyball, basketball, water sports, Eclipse Ball, lacrosse and floor hockey. Those who successfully complete this course should be able to compete in recreational or competitive local leagues.

Strength and Conditioning 1

Course #9420

Semester Course ~ 1/2 credit

Prerequisite: PE9/Health

This course is designed to give students the opportunity to learn fitness concepts and conditioning techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of strength training, aerobic training and overall fitness training and conditioning. This course includes both lecture and activity sessions. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

Strength and Conditioning 2

Course #9430

Semester Course ~ 1/2 credit

Prerequisite: Strength and Conditioning 1

This course is designed for students interested in improving their physical fitness through strength training methods. The course will concentrate on the basic skills of strength training in a safety-first environment. Students will learn the physiology of muscle development and anatomy of the body associated with specific exercises. Conditioning activities are included on a regular basis to increase students' cardio respiratory endurance. Students will assess their current fitness level, develop a goal-oriented fitness program and chart their fitness progress. Students are expected to improve their level of fitness through participation in strength training and conditioning exercises.

Lifetime Activities 1

Course #9315

Semester Course ~ 1/2 credit

Prerequisite: PE9/Health

This course is for the student who cannot get enough of being physically active in all lifetime activities. Students will be able to participate in a variety of fitness related sports and activities that will help them be "fit for life." Instructional units may include recreational games, softball, tennis, disc golf, badminton, pickleball, kayaking, water sports volleyball and the fitness center.

Lifetime Activities 2

Course #9316

Semester Course ~ 1/2 credit

Prerequisite: Lifetime Activities 1

This course is designed to expand on a variety of activities that can be pursued throughout an individual's lifetime. Emphasis will focus on skill improvement, sportsmanship, strategy, and a health enhancing level of fitness. Improving levels of fitness is a semester long goal for this course. This course provides diverse offerings to meet the individual needs of all students and to develop competency in lifetime activities.

Whitnall High School Course Guide

Yoga

Course #9510

Semester Course ~ 1/2 credit

Prerequisite: PE9/Health

This course is designed for students interested in getting a great workout at their own level. Yoga workouts will develop flexibility, strength, endurance and balance. In this course students will be educated on the exercise techniques of yoga, with additional instruction in body weight training and breathing techniques. Using movement with breath will increase strength, flexibility, coordination, concentration, and body awareness while calming the mind and reducing stress. Students challenge themselves at their own level (modifications provided). Yoga blocks and mats are recommended, but not required.

Fitness Trends

Course #9520

Semester Course ~ 1/2 credit

Prerequisite: PE9/Health

This course will allow students to experience new and current trends in health and fitness such as Yoga, Pilates, Zumba, Kickboxing, Water Aerobics, Kettlebells, PiYo, Cardio Dance and more. Students will participate in different fitness activities that will help them reach personal goals and will ultimately understand the importance of living a healthy lifestyle. *There will be a fee for the field trips.*

Outdoor Pursuits

Course #9560

Semester Course ~ 1/2 credit

Prerequisite: Completion of 1 PE credit prior to enrollment

Offered 2nd Semester only (25 student maximum)

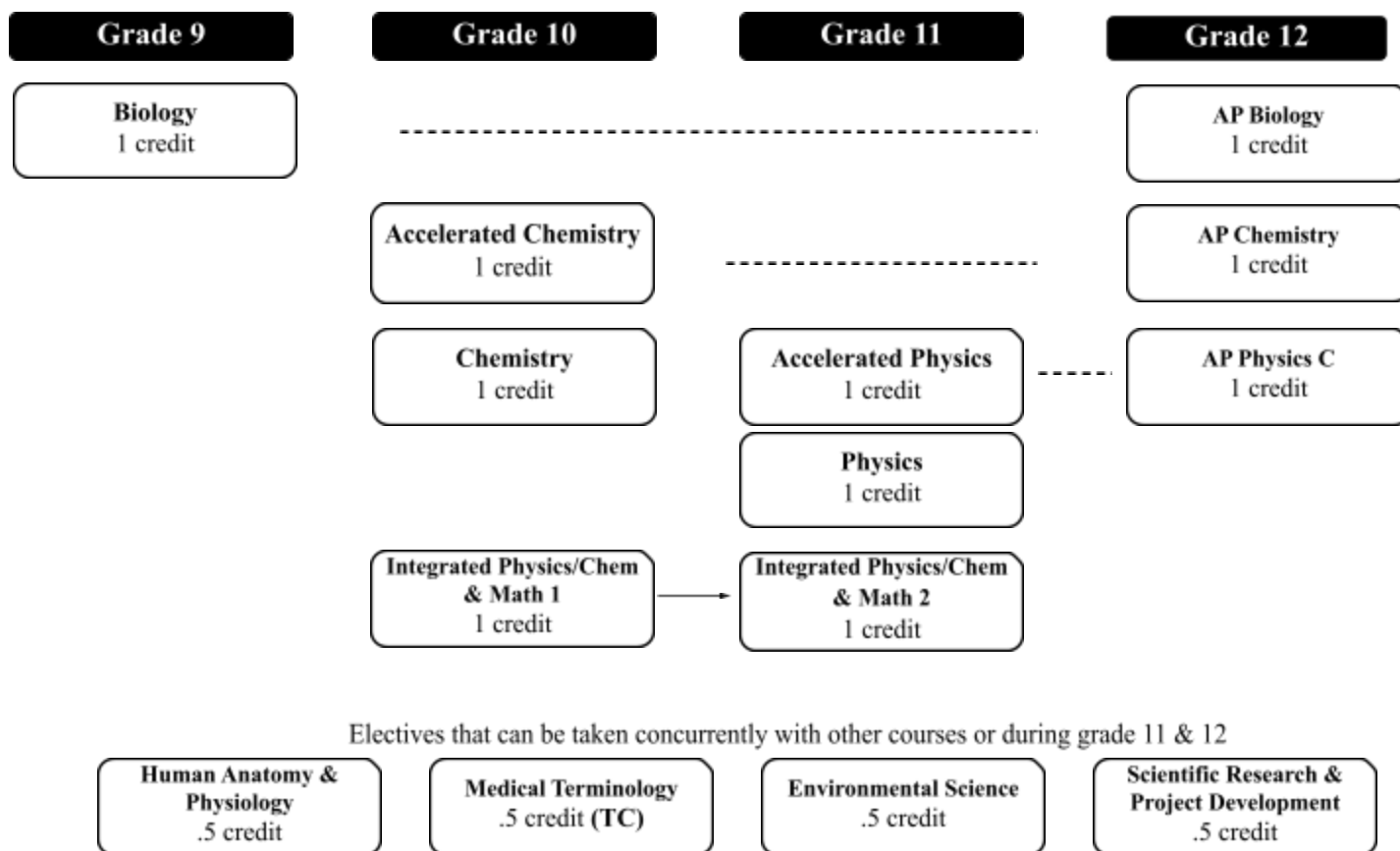
A course fee of \$50 is applied to student accounts to pay for field trips

This course offers students the opportunity to experience lifetime sports as they develop an appreciation of the outdoors. Warm weather activities may include hiking, biking and fishing, outdoor nutrition and cooking, orienteering, archery, kayaking and rock climbing. Cold weather activities may include cross-country skiing, snowshoeing and outdoor survival challenges. Adventure education is another strong component of this class with challenge activities that promote trust, problem-solving used to create the positive social climate needed for teamwork. A number of field trips are planned as an extension of what is learned in class. **A course fee of \$50 is applied to student accounts to pay for field trips.**

PE Waiver

Whitnall School District provides students with the option to waive the final one half credit (0.5) of the Physical Education graduation requirement by successfully completing the expectations explained in this [Whitnall School District WIAA Waiver Procedure](#).

SCIENCE DEPARTMENT



In August of 2010, The Whitnall School Board approved the following science sequence allowing all students equal access to the core components of science:

- All students will take a full year of Biology, Chemistry and Physics.
- Placement will be determined by the result of the ACT Suite tests.
- All levels work with the same topics but at varied depths of understanding.
- Integrated courses may not be college preparatory.

BIOLOGY

Course #7221Y

Year Course ~ 1.0 credit

Biology is the study of structure and function, inheritance, evolution, and ecology. Students are expected to apply their content knowledge to key scientific concepts such as systems and system models, patterns, stability and change, and cause and effect. Science and engineering practices focus on constructing explanations and designing solutions, engaging in argument from evidence, and developing and using models.

Whitnall High School Course Guide

AP BIOLOGY

Course #7201Y

Year Course ~ 1.0 credit

Prerequisite: Chemistry or Teacher Recommendation

The AP Biology course is designed to be the equivalent of an introductory college biology course. Three general areas will be covered which include: 1. Molecules and Cells, 2. Heredity and Evolution, 3. Organisms and Ecology. The two main goals of the course are to help students develop a conceptual framework for modern biology and to gain an appreciation of biological science as a process.

Students will be encouraged to take the AP test in May of the second semester. Due to time constraints, students may be required to begin preparation prior to the start of Semester I. This will be explained in detail in a required meeting with the instructor after the students register for the course.

AP CHEMISTRY

Course #7301Y

Year Course ~ 1.0 credit

Prerequisites: Accelerated Chemistry and Algebra 2 or concurrent enrollment

The Advanced Placement Chemistry course is designed to give students the analytic and scientific skills necessary to critically analyze problems in chemistry. The program will prepare students for intermediate and advanced college courses by making demands of them that are equivalent of a first-year college general chemistry course. The emphasis in this program will be on chemical calculations and advanced laboratory work in order to prepare students for the AP exam in May.

MEDICAL TERMINOLOGY (TC)

Course #7700

Semester Course ~ 1/2 credit *MATC Transcribed Credit*

This one semester course focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students will practice formation, analysis and reconstruction of terms, including spelling, definition, and pronunciation. Organized according to body systems, terms related to anatomy, diseases and disorders, as well as surgical and diagnostic terms, will be explored.

This course is recommended for students who are interested in health careers. It is articulated with the statewide technical college medical terminology course. *Students earning a grade of C, 77% or better will be awarded three transcribed credits by Milwaukee Area Technical College.* Students earning less than 77% will earn an F by MATC and Whitnall.

Students are required to pay for class materials. The cost of the textbook/workbook needed is due the first week of class. The cost will be approximately \$80.00.

CHEMISTRY

Course #7321Y

Year Course ~ 1.0 credit

Chemistry is an integrated course that will provide a study of both chemistry and earth science fundamentals including atomic structure, periodic trends, intermolecular forces, chemical reactions, nuclear chemistry, plate tectonics, the formation and early history of Earth. Students will study the relationships between greenhouse gases, their effect on the atmosphere, and the stability or changes of the chemistry of the ocean and other bodies of water.

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ACCELERATED CHEMISTRY

Course #7451Y

Year Course ~ 1.0 credit

Prerequisite: Successful completion of biology and algebra

Accelerated Chemistry is for students that plan on entering a science, engineering, medical or health related field or moving on to AP Chemistry. Students will need advanced knowledge in algebraic mathematical concepts. This course is a lab-oriented, in-depth study of the fundamental concepts of chemistry with an emphasis on observing patterns, recognizing cause and effect, and finding relationships between energy and matter. Major topics include: atomic theory and structure, the periodic table, chemical reactions, stoichiometry, thermochemistry, nuclear chemistry, reaction rates, and equilibrium.

PHYSICS

Course #7421Y

Year Course ~ 1.0 credit

Project-focused course that explores motion and stability (forces and interactions), energy, and waves. Students are expected to apply their content knowledge to key scientific concepts such as cause and effect, patterns, stability and change, systems and system models, and matter and energy. Science and engineering practices focus on obtaining, evaluating, and communicating information, developing and using models, planning and carrying out investigations, asking questions and defining problems, using mathematical and computational thinking and analyzing and interpreting data in science classes.

ACCELERATED PHYSICS

Course #7461Y

Year Course ~ 1.0 credit

Accelerated Physics is for students who will eventually take AP Physics C. As in Physics, students will apply their content knowledge to key scientific concepts such as cause and effect, patterns, stability and change, systems and system models, and matter and energy. Because this is an accelerated course, students will move at a faster pace and explore content at a deeper level.

AP PHYSICS C- MECHANICS

Course #7511Y

Year Course ~ 1.0 credit

Prerequisite: Successful completion or concurrent enrollment of calculus

AP Physics C is recommended as a second-year physics course for students interested in the physical science and/or engineering. Calculus is used to formulate physical principles of electricity and magnetism and solve problems. Inquiry is applied to the study of matter and energy and their interaction. Topics include static and dynamic equilibrium, linear and rotational kinematics, oscillations, gravitation, electrostatics, magnetostatics, electric circuits, and electromagnetism.

INTEGRATED PHYSICS/CHEMISTRY & MATH 1

Course #7101Y (Must take 6101Y)

Year Course ~ 1.0 credit

Prerequisite: Instructor recommendation (This course is intended for 10th graders who have completed Algebra and Biology)

Integrated Physics/Chem & Math I introduces the foundational concepts of Physics and Chemistry while providing an interdisciplinary approach to include the mathematical principles of algebra, probability, and geometry. This course is offered for students who would benefit from and/or prefer an interdisciplinary approach to learning Math and Science. Students will explore the integrated study of Chemistry, Physics and Mathematical concepts to deepen understanding of chemistry and earth science fundamentals and motion and stability, energy, and waves. Course will take 2 periods, students will earn 1.0 Math credit and 1.0 Science credit.

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INTEGRATED PHYSICS/CHEMISTRY & MATH 2

Course #7111Y (Must take 6411Y)

Year Course ~ 1.0 credit

Prerequisite: Instructor Recommendation (Intended for 11th graders who have completed Integrated Physics/Chemistry & Math 1 or Chemistry and Geometry)

Integrated Physics/Chem & Math 2 continues the study of physics and chemistry while providing an interdisciplinary approach to include the mathematical principles of advanced algebra, probability, and geometry. This course is designed for students who would benefit from and/or prefer an interdisciplinary approach to learning Math and Science. Through an inquiry-based, student-centered approach to advanced physics and chemistry concepts, students will apply advanced algebra, probability, and geometry. Course will take 2 class periods. Students will earn 1.0 math credits and 1.0 science credit.

HUMAN ANATOMY AND PHYSIOLOGY

Course #7800

Semester Course ~ .5 credit

Prerequisite Grades 10-12

Human Anatomy and Physiology contains lecture/ discussion and lab work related to the human body. The main theme is how human body structure is related to function. Students make slides from animal tissues and research specific diseases. Students may opt out of dissection activities and will be provided appropriate alternative educational activities. This class is recommended for students interested in health careers.

ENVIRONMENTAL SCIENCE

Course #7621

Semester Course ~ .5 credit

Prerequisite: Successful Completion of Biology and Accelerated Chemistry and/or Chemistry or Teacher Recommendation

This project based course will deepen scientific understanding presented in biology and chemistry to focus on the interaction of humans and their relationships within the 4 Earth Systems: biosphere, geosphere, hydrosphere, atmosphere. Course topics include resource management, human population, effects of global climate change, pollution control and alternative energy sources. This course will utilize trips to the school forest to conduct field studies utilizing various surveying techniques for the collection of data and observations.

SCIENTIFIC RESEARCH and PROJECT DEVELOPMENT

Course #7632

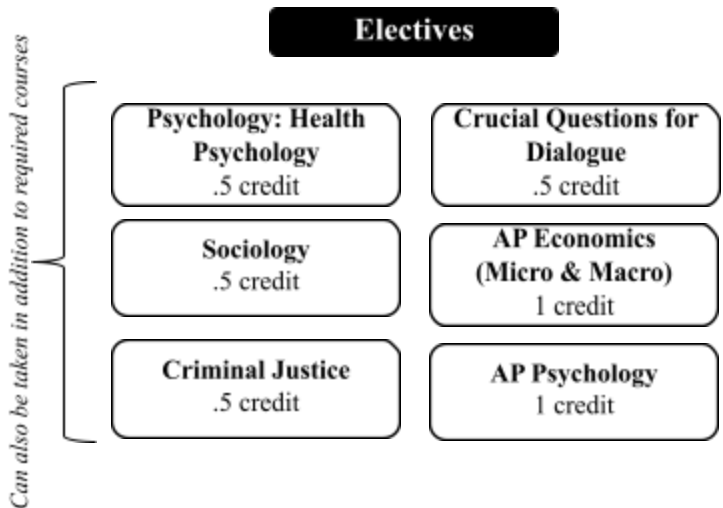
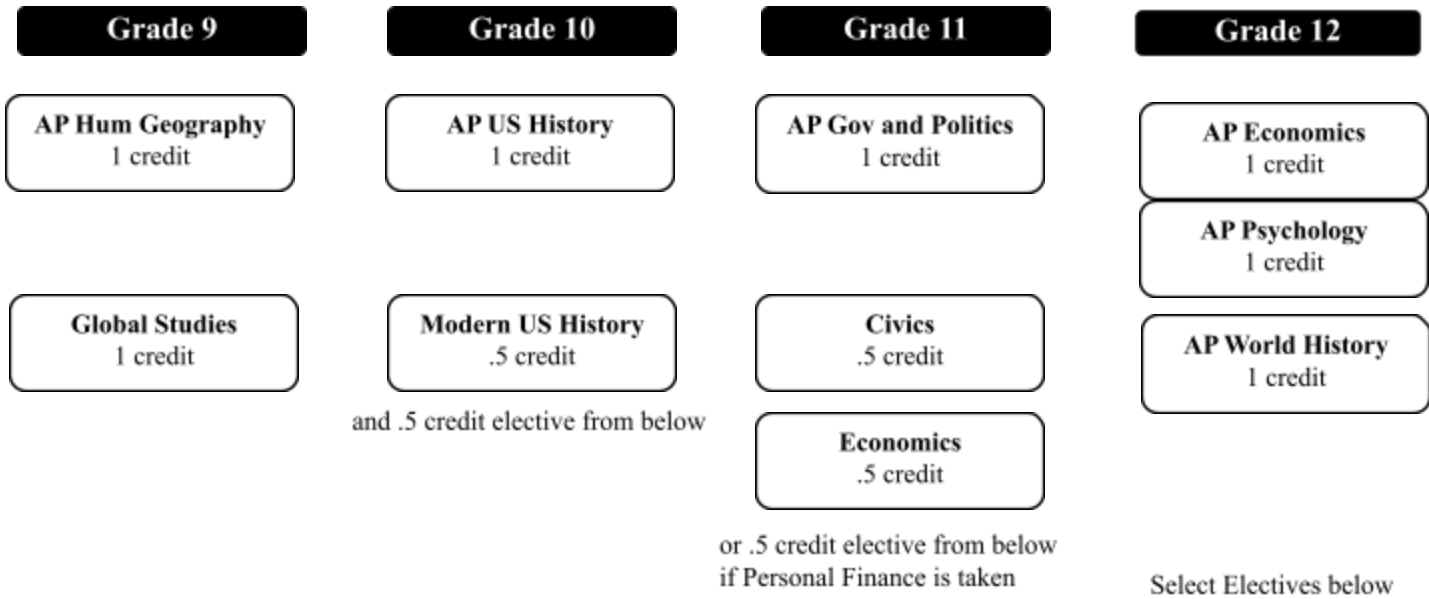
Semester Course ~ .5 credit

Prerequisite: Students must submit an initial project proposal for the next school year to their science teacher by June.

This elective science course is intended for juniors and seniors interested in continuing their study through an independent project in science, engineering, mathematics, or computer science. Participating students should have a significant science background prior to entering the course. Projects are subject to considerable peer and teacher review during all phases of development. Students will lead in areas of project development, timelines, collecting data, defending procedures, and presenting results. The instructor advises students on the research process, information sources, and contacts. Instruction is also provided on such topics as data collection and presentation, statistical interpretation of results, protocols for research, and presentation skills.

Successful completion of at least two sciences in different disciplines (to be chosen from Earth Science, Biology, Chemistry, Physics, or AP Sciences). **Can be taken more than once for credit.**

SOCIAL STUDIES DEPARTMENT



Personal Finance/Economics Credit Clarification

Students must complete three social studies credits, which may include .5 Economics. Students who choose not to take Economics, must also take .5 credit of Personal Finance to meet the Financial Literacy requirement and then select another .5 social studies elective course.

GLOBAL STUDIES

Course #8211Y

Year Course ~ 1.0 credit

In this introductory Social Studies course, freshman will investigate common themes focusing on world events and analyze the impact these themes have had on human interactions in a global community. Students will engage in document-based inquiry that is driven by case studies that focus on real world current events and their lasting impacts on an ever-changing global society. Students will utilize historical and contemporary events with emphasis on improving skill building techniques in preparation for higher order thinking and writing processes. A focus on ACT and college readiness skills will better prepare students for success as they build their foundation in secondary education.

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AP HUMAN GEOGRAPHY

Course #8801Y

Year Course ~ 1.0 credit

The purpose of this course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students interpret maps and analyze geospatial data to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Students will use geographic methods to pose and solve problems related to human-environment interaction in our current society through real-world case studies and simulations. The students will also be prepared for the Advanced Placement examination in Human Geography administered in May by the College Board.

MODERN U.S. HISTORY

Course #8111Y

Semester Course ~ 1/2 credit

In this course, sophomores will explore important themes in the modernization of America from the Industrial Revolution to the present. Although this course primarily examines the point of view of American history, it analyzes the impact these themes have had on human interactions throughout a global community. Class participation through discussions, debates, and role-playing activities is required. Students will utilize historical and contemporary events with emphasis on improving college-readiness skills, higher order, analytical thinking, and the writing processes. Critical reading skills, including sourcing, contextualization, effective reasoning, and close reading, are emphasized throughout the course.

AP UNITED STATES HISTORY

Course #8301Y

Year Course~1.0 credit

Students in this course will be exposed to rigorous, intensive work meant to be the equivalent of an introductory freshman college course in American History. They will develop and use the same skills, practices, and methods employed by historians: analyzing documents; developing arguments; making comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. Assessments are designed to give students frequent practice with the types of multiple-choice questions, free-response questions, and document-based questions that appear on the AP Exam. Classroom instruction includes discussion and debates, simulations, and collaborative group work. The students will also be prepared for the Advanced Placement examination in Human Geography administered in May by the College Board.

CIVICS

Course #8510

Semester Course ~ 1/2 credit

Students will learn the ways in which citizens of the United States can be participants in our society and government at all levels. Through simulations and social science labs, students will immerse themselves in topics including the role of citizens in the electoral process, how people can engage elected officials in meaningful discussion, addressing the root causes of problems in America and exploring strategies for change, and taking a critical and questioning view of current events. While exploring these topics, students will be learning aspects of the structure and function of our government at local, state, and national levels which provides the foundation for success on the state civics exam and knowledge expected of a civically engaged adult.

ECONOMICS

Course #8610

Semester Course ~ 1/2 credit

Economics is designed to prepare students for skilled decision-making as consumers, financial planners, and citizens participating in the American free enterprise system and global economy. Students will investigate basic economic concepts, different examples of market structures and world economies, supply and demand, trade, and the role of government in

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influencing and measuring the economy. The course will employ a variety of learning strategies to empower students with skills and material that fosters their economic and financial literacy.

AP ECONOMICS AP Micro Economics and AP Macro Economics

Course #8601Y

Year Course ~ 1.0 credit

AP Economics is designed to provide students with a learning experience equivalent to typical introductory college courses in Micro and Macroeconomics. Students will learn to think like economists – to question and evaluate economic models and explore the consequences of economic decisions. Semester one focuses on Microeconomics, which is designed to provide students with a thorough investigation of the principles of economics as they apply to individuals, households and businesses. Students will also investigate instances in which private markets fail to allocate resources efficiently and examine the role of government in improving efficiency. Semester two focuses on Macroeconomics which is designed to provide students with a thorough investigation of the economy as a whole. Topics of investigation include fiscal and monetary policy and measures of economic performance such as GDP, inflation, and unemployment. With respect to the global economy, students will also have ample opportunities to examine the impact of international trade, finance, and currency exchanges on national economies. Various economic schools of thought are introduced as solutions to tackle economic instability and promotion of economic growth.

ADVANCED PLACEMENT WORLD HISTORY

Course #8401Y

Year Course - 1.0 credit

The purpose of the AP World History course is to develop a greater understanding of the evolution of global process and contacts in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes relevant knowledge used in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional and technological patterns that, along with geography, set the human stage. Periodization, explicitly discussed forms an organizing principle for dealing with change and continuity throughout the course. Specific themes provide further organization to the course, along with consistent attention to contact among societies that form the core of world history as a field of study. Students are expected to take the Advanced Placement World History exam.

AP PSYCHOLOGY

Course #8501Y

Year Course ~ 1.0 credit

Prerequisite: Grades 10 Teacher Recommendation; grades 11, 12

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. This course is designed to present an experience equivalent to that obtained in an undergraduate introductory psychology course. In doing so, the students will complete material that most colleges require in order to take upper level courses in psychology. The students will also be prepared for the Advanced Placement examination in Psychology administered in May by the College Board.

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SOCIOLOGY

Course #8520

Semester Course ~ 1/2 credit

Prerequisite grades 10-12

The successful Sociology student will reflect numerous times regarding how groups affect you and how you affect groups. Students will be challenged to think about how other people view themselves, live their lives differently, and see their world as different from yours. Students will learn and apply the concepts of Sociology throughout the course: a sociological perspective, imagination, the three sociological theories, the founders of the course (history) and the fact that common sense can never be used 100% of the time in trying to understand people and their groups. The course incorporates group discussion, inquiry, guest speakers and field trips. Students will be asked to solve a social issue and ask/answer questions concerning culture, bureaucracies, socialization, deviance, sports, gender and current social issues!

CRUCIAL QUESTIONS FOR DIALOGUE

Course #8460

Semester Course ~ 1/2 credit

Prerequisite: grade 10 Teacher Recommendation; grades 11, 12

This semester long course will develop students' critical thinking so they can better learn to communicate their ideas, listen to others, and engage in productive discussion, even when beliefs and opinions don't match up. Students will learn to ask big questions so that they can develop a foundation for intellectual inquiry rooted in justice, fairness and empathy. The goal of the class is for students to create an authentic reasoned voice while listening to and empathizing with opposing views. Students will select current social topics, issues and questions to be investigated and discussed.

PSYCHOLOGY: HEALTH PSYCHOLOGY

Course #8540

Semester Course ~ 1/2 credit

Grades 9-12

This course is designed to introduce students to the principles of psychology as they relate to health and wellness. Students will examine the biological, psychological, and social factors that influence physical and mental health, such as stress, personality, lifestyle factors, and genetics to come to a greater understanding of how to make choices that allow for a healthy lifestyle. Class discussions, real-world applications, and projects will be incorporated throughout the course to facilitate student learning and encourage students to apply their learning in their daily lives.

CRIMINAL JUSTICE

Course #8580

Semester Course ~ 1/2 credit

Prerequisite grades 10-12

This is an inquiry-based project driven course that introduces students to the criminal justice system through a two-fold examination of criminal/constitutional law and criminal procedure. Through the study of essential criminology concepts students will analyze historical and contemporary American society. Students will engage in various inquiry projects and debates that analyze various contemporary legal issues, including: criminal defenses; hate crimes/groups; the prevalence of American gang culture; sensitive and racially motivated crimes; cybercrimes; criminal statistics; correctional facilities, and capital punishment. Utilizing law enforcement guest speakers, students will evaluate criminal investigation theory and community policing strategies. Students will also explore potential career pathways surrounding forensic science, identify modern forensic techniques, and then design and evaluate a crime scene. The crime scene will function as the basis for a culminating assessment of criminal law and procedure in a mock trial.

AP GOVERNMENT & POLITICS

Course #8901Y

Year Course ~ 1.0 credit

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an

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understanding of the relationships and interactions among political institutions, processes, and behavior. They also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they complete a political science research or applied civics project. An emphasis in this AP-level course is what students should be able to do with the knowledge they develop and how to apply it within their current and future lives. Students will be asked to apply political problems and current issues to the course content throughout the school year.

SPECIAL EDUCATION, INTERVENTION, & CREDIT RECOVERY

READING INTERVENTION

Course # ReadInt

Semester Course ~ Non-credit bearing

Whitnall High School has a process in place to identify students who need extra support in addition to their core courses. These supplemental supports and interventions are available to all students based on criteria specific to each supplemental support option. Other non-credit bearing supplemental support options are afforded to students through a comprehensive high school schedule where extra time is designated.

CREDIT RECOVERY

Course # CR

Semester Course ~.5 credit per course completed

Credit recovery is most commonly defined as a structured means for students to regain credit in order to graduate from high school. The length of credit recovery courses shall be dictated by the skills and knowledge the student needs to recover and not be a fixed length of seat time. Core academic credits include credits required for graduation in English, social studies, mathematics, health and science. For these courses, students must retake the same course required for graduation. Credit Recovery courses can be delivered face-to-face, online, or blended during the school year or during summer school.

PRE-ALGEBRA

Course #EE6191Y

Year Course ~1.0 credit

Teacher placement per IEP Plan

Designed for students who need to develop their math skills to further understand variables, solving equations, graphing and problem solving prior to enrolling in Algebra.

ENGLISH

Course #EE3851Y

Year Course ~ 1.0 credit

Teacher placement per IEP Plan

This course is a reading, writing, and comprehension program designed to meet the needs of students whose reading and writing achievement is below the proficient level. The program directly addresses individual needs through high interest literature and direct instruction in reading and writing skills with an emphasis on oral and written communication.

LITERATURE

Course #EE3371Y

Year Course ~ 1.0 credit

Teacher placement per IEP Plan

This course exposes students to a variety of literature selection and novels. Students will explore various novels, stories, plays, myths, legends and poems. An emphasis is on building reading, writing and comprehension skills. Students will also learn practical English skills to include project development, research skills and oral presentation skills.

LANGUAGE STRATEGIES

Course #EELS01/02

Year Course ~ .5 credit

Teacher placement per IEP Plan

Prerequisites: Individualized Education Plan and daily Language minutes as determined by IEP Team

This course provides individualized instruction in the receptive and expressive language skills necessary for educational and occupational understanding and function. Emphasis is placed on achieving individualized IEP goals through teacher directed

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activities and linking skills to academic and community tasks.

STUDY SKILLS

Course #SS1/SS2

Semester course and/or year ~ 0.25 credit per semester

Teacher placement per IEP Plan

Prerequisites: Individualized Education Plan as determined by IEP Team

This course provides academic and socioemotional support, development of behavioral self-regulation strategies, cultivation of executive functioning skills, and self-awareness to facilitate independent and successful lifelong learners.

VOCATIONAL SKILLS

Course # EEVS1/2

Semester Course ~ .5 credit

Teacher placement per IEP Plan

Prerequisites: Individualized Education Plan as determined by IEP Team

This course will incorporate skills that help ensure a smooth transition for students to the adult world. Topics will include: resume development, applications, self-advocacy skills, career awareness, and development of self-awareness.

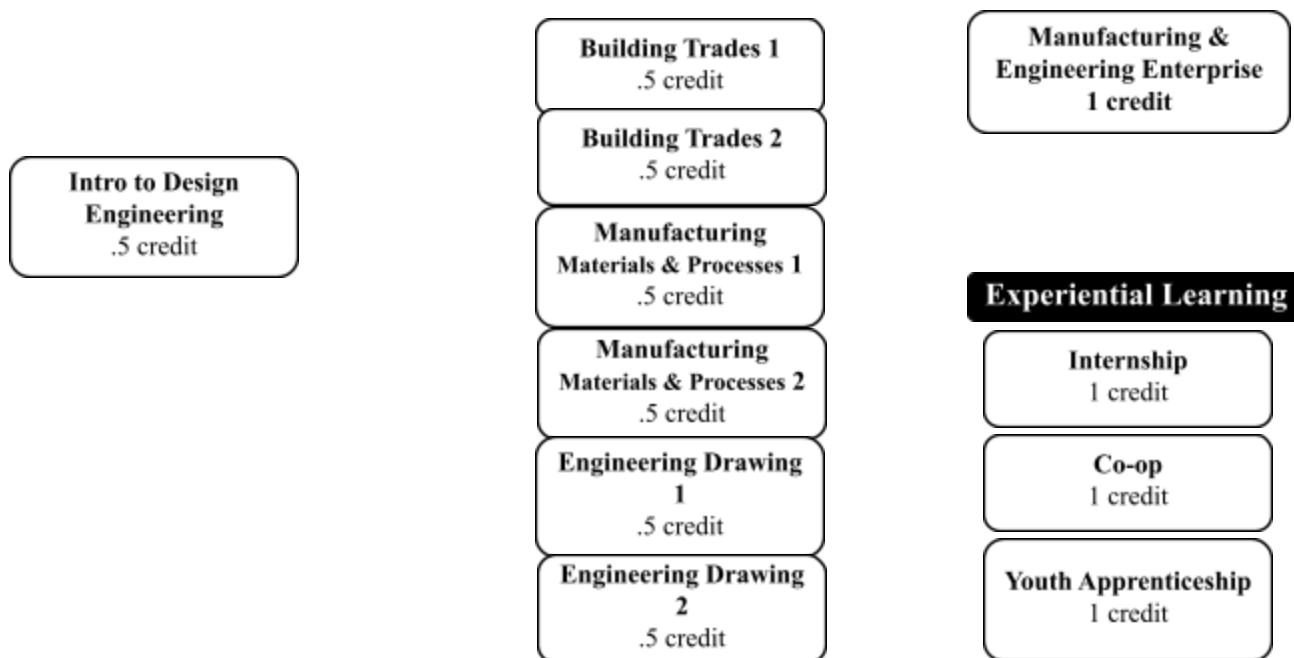
SOCIAL THINKING

Course #EE6141

Semester Course ~ .5 credit

Teacher placement per IEP Plan

TECHNOLOGY AND ENGINEERING DEPARTMENT



INTRO TO DESIGN ENGINEERING

Course #5511

Semester Course ~ 1/2 credit

This course is open to all students who would like to gain insight into the field of high technology. The course will cover technology dealing with building trades, manufacturing, and engineering. Topics will include construction designs, materials and methods used in the building industry, the principles of creating, packaging, and selling products, working with materials and methods used in industry. Intertwined within the course will be engineering principles such as simple machines, structural analysis, and reverse engineering through technical drawing and 3D modeling. This is a project-based, hands-on course.

MANUFACTURING MATERIALS AND PROCESSES 1

Course #5560

Semester Course ~ 1/2 credit

This course is an introduction to manufacturing processes and manufacturing systems including assembly, machining, injection molding, casting, thermoforming, and more. Emphasis is on the physics and randomness and how they influence quality, rate, cost, and flexibility with attention to the relationship between the process and the system, and the process and part design. Project (in small groups) requires fabrication (and some design) of a product using several different processes (as listed above).

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MANUFACTURING MATERIALS AND PROCESSES 2

Course #5570

Semester Course ~ 1/2 credit

Prerequisite: Manufacturing Materials and Processes 1

This class may be taken more than once.

This course is a continuation of manufacturing processes and manufacturing systems. Advanced projects will utilize 3D modeling, assembly, machining, casting, and more with an emphasis on precision and tolerances through mass production. Projects requires analysis of the production process to take raw material to finished replicated products.

BUILDING TRADES 1

Course #5540

Semester Course ~ 1/2 credit

In this course, students work with full-size construction materials. Students will perform rough carpentry construction projects such as a bathroom or storage buildings. Students will study job site safety, concrete foundation work, masonry foundation work, framing a building, basic plumbing, and basic electrical. Students will learn to make plans and estimate materials. Field trips to building trades/sites and building supply dealers are planned.

BUILDING TRADES 2

Course #5550

Semester Course ~ 1/2 credit

Prerequisite: Building Trades 1

This class may be taken more than once.

In this course, students continue to work with full-size construction materials. This course will continue instruction on finish carpentry projects related to a bathroom or storage building. Students will study job site safety, drywall, flooring, tile setting, cabinetry, and finish work. Students will learn project management skills and service and material cost and billing. Field trips to building trades/sites and building supply dealers are planned.

ENGINEERING DRAWING 1

Course #5580

Semester Course ~ 1/2 credit

Learn to apply the processes that are used in engineering design. Students will be introduced to the philosophy of technical problem solving. Students will study and practice brainstorming, sketching, geometric solids, measurement, materials CAD, dimensioning, and isometric drawings. Communication skills, which include sketching, technical drawing, report writing, and presentations will be addressed. Students will work in teams to solve problems that are influenced by consumer, marketing, and technical considerations. This is a hands-on laboratory and computer intensive course that will allow students to experience design and technology issues.

ENGINEERING DRAWING 2

Course #5590

Semester Course ~ 1/2 credit

Prerequisite: Engineering Drawing 1

Learn to apply math, science, and systems principles that are the basis for engineering. Students will be introduced to the history and disciplines of engineering. Students will study and practice engineering systems, materials, reliability, and kinematics. Communication skills, which include sketching, technical drawing, report writing, and presentations will be addressed. Students will work in teams to solve problems that are influenced by financial, social, and environmental considerations. This is a hands-on laboratory and computer intensive course that will allow students to experience business and technology issues.

MANUFACTURING & ENGINEERING ENTERPRISE

Course #5660Y

Year Course ~ 1 credit

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Prerequisite: One of the following Tech Ed courses: Design Engineering, Manufacturing, Engineering Drawing

In this innovative, co-curricular, capstone course several classes from different disciplines will be combined to incorporate manufacturing skills with business and marketing related skills to design, produce and bring a product to market in an effort

to earn a profit. Students will experience the process of managing a production process through hands-on activities while focusing on either the business side or manufacturing side of the process.

Manufacturing skills gained may include but are not limited to; CNC operations such as plasma cutting, laser engraving, routing, and milling, in addition to additive and subtractive manufacturing processes. Students will learn prototyping skills for fabricating saleable products and goods as well as design skills necessary for both the creation of said products and the aesthetics necessary to bring the product to purchase grade.

Early College Credit Program (ECCP) and Start College Now

Wisconsin's Early College Credit Program and Start College Now program, formerly known as Youth Options, allows public high school juniors and seniors who meet certain requirements to take post secondary courses at a University of Wisconsin institution, a Wisconsin technical college, one of the state's participating private nonprofit institutions of higher education or tribally-controlled colleges. Approved courses count toward high school graduation and college credit. The program opens the door to greater learning opportunities for motivated students considering a technical career, wishing to begin college early, or preparing themselves to enter the workforce immediately after high school graduation.

Eligibility

The Early College Credit Program and Start College Now program are available to Wisconsin public school juniors and seniors who meet the following requirements: have completed the 10th grade, are in good academic standing and have an acceptable disciplinary record. Students must apply to the postsecondary institution in the school semester prior to the one in which the student plans to attend the postsecondary course. No later than March 1 for a course to be taken in the fall semester or October 1 for a course to be taken in the spring semester, submit the appropriate applications notifying the school board of the student's intention of enrolling in a postsecondary institution. Maintain satisfactory attendance and comply with the compulsory school attendance law under §118.15(1)(a), Wis. Stats.

Please note applications will not be accepted late. Students must have their applications to the Counseling Office by October 1st (for a spring course) and March 1st (for a fall course). Late applications will not be accepted.

Students with a Disability

Students with a disability are encouraged to participate in the Early College Credit Program and/or Start College Now program. The school board may, however, refuse to permit a student with a disability to attend a technical school or college if the cost would impose an undue financial burden on the school district.

Applying for the Early College Credit Program and/or Start College Now

Students need to complete a Whitnall High School Early College Credit Program/Start College Now application at <https://tinyurl.com/y8l8uu> as well as an Early College Credit Program application and/or a Start College Now application and submit it to the Counseling Office following all instructions on the forms. The ECCP form is available from the Counseling Office or at: <https://dpi.wi.gov/dual-enrollment/eccp/application>. The Start College Now application is available from the Counseling Office or at: <https://mywtcs.wtcsystem.edu/student-success/career-prep/new-start-college-now> (formerly youth options). Students can determine their school district ECCP/Start College Now point of contact at: <https://dpi.wi.gov/dual-enrollment/youth-options/contact>. Students will also need to complete admissions forms for their selected college after getting Whitnall district approval on their ECCP and/or Start College Now application. These college admission forms are typically online on that college's website.

Determining High School Credit and Comparability

The school board determines whether a postsecondary course is eligible for high school credit, how much high school credit may be awarded, and whether the course is comparable to a course offered at the school district.

Payment of Tuition and Fees

The school board must pay for any course that is taken for high school credit and that is not comparable to a course offered in the school district. A student must pay for any postsecondary course taken that is comparable to a course offered at the school district. A student must pay for a postsecondary course that is not used for high school credit. A student must pay for incidental college fees (such as a parking permit) and for equipment, tools, supplies and consumables (notebooks, workbooks, uniforms) which will become the property of the student. The school board must pay for the cost of any books and fees for all approved courses and materials for students attending an Institute of Higher Education. The school board may require the return of books and materials in a usable form. The school board cannot expect the student to pay the cost of tuition, books, and fees then reimburse the student if the student passes the course. The student may be required to reimburse the school district for tuition and fees if the student drops or fails the course.

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Additional Information

Early College Credit Program and Start College Now information and materials, including forms, answers to common questions, timelines, contact persons, and administrative rules, are available for ECCP at

<https://dpi.wi.gov/dual-enrollment/eccp/application> and for Start College Now at

[https://mywtcs.wtcsystem.edu/student-success/career-prep/new-start-college-now-\(formerly-youth-options\)](https://mywtcs.wtcsystem.edu/student-success/career-prep/new-start-college-now-(formerly-youth-options)).

Whitnall High School students wanting to apply for the Early College Credit Program and/or Start College Now class must do the following:

- At course request time, during the year prior to taking the courses, students need to request “Early College Credit Program/Start College Now” as a class for the semester(s) they wish to enroll.
- Fill out the appropriate paperwork and submit it to your school counselor by the timeline listed.

To enroll in a class for fall semester, all forms must be received by your school counselor by March 1.

To enroll in a spring semester class, all forms must be received by your school counselor by October 1.

The Board of Education recognizes the value to students and to the District of students participating in programs offered by the University of Wisconsin system institutions, Technical Colleges, tribally controlled colleges and private, nonprofit higher education institutions in Wisconsin.

The Board will allow high school juniors and seniors who satisfy the eligibility requirements under the Early College Credit Program and Start College Now program statute and the administrative rules of the Department of Public Instruction to enroll in an approved course at an institution of higher education while attending in the district. Students will be eligible to receive college and high school credit for completing course(s) at institutions of higher education provided they complete the course(s) and receive a passing grade.

The School District’s responsibility to pay for tuition, fees, books and other necessary materials shall be limited to eighteen (18) postsecondary credits per student.

Consortium Classes

The Southwest School to Work Consortium includes the school districts of Franklin, Greendale, Greenfield, St. Francis and Whitnall. These districts have worked together to provide the opportunity for students to take a class(es) that may not be offered at their high school but is offered at a neighboring school.

Shared Class Guidelines

- Transportation is the responsibility of the student/parent. Carpooling is acceptable BUT there should be a plan in case the driver is ill – passengers are expected to be able to get to class. This is not a reason to be absent.
- Prerequisites that are established for the class must be met; modifications for different course names will be made.
- All course syllabus info/guidelines are to be followed by students from the home district. Materials are to be brought to class daily.
- Parking follows the rules of the school where the class is taught – no fee is paid. Permit may be required and appropriate paperwork must be completed.
- The school calendar of the school where the class is being taught dictates the student’s schedule. Students are expected to be on time and attend whenever the class meets. If by chance the home/sending school does not have school, but the class is meeting, the student is expected to attend, and if not present, this would count as an absence.
- Students may need a study hall before or after the shared class to accommodate travel time. Home schools are to modify the student’s schedule to allow the student time to travel between districts.
- Note that when there are “shortened days” for in-service/grading, etc., the student is still expected to attend – the HOME school makes the accommodation for the schedule. The student may miss a class or be late – it is to be excused. It is easier to make up or get missed work from classes at the home school.
- If the student is ill and will miss class, then two things must be done. First, follow the policies of the home school to call in the absence. Second, call and leave a message for the teacher BEFORE the class meets to let the teacher know of the absence.
- The course will follow the grading scale of the school where the class is taught. That letter grade will be sent to the home high school for each grading period. If class can be taken for advance standing at the Technical College, the student will complete appropriate paperwork if they are interested.
- The exam schedule of the HOST school is priority. However, if possible, arrangements may be made to reschedule to accommodate the many schools’ different schedules. Students who graduate “early” will have to take their exams early. The exception is for the Project Lead the Way Classes (Intro to Engineering Design and Principles Of Engineering.) Their final is a National test with a single test date – that will be after Whitnall’s Graduation. Students will be advised of this prior to graduation.
- The consortium coordinator will work with the classroom teacher to try to work out conflicts and concerns.
- Consequences for repetitive misbehaviors or concerns may have to be dealt with by the appropriate person (counselor or assistant principal) at the home school.

Shared Consortium Course list – Whitnall students are only eligible to participate in courses not offered on campus

[Click Here for shared list](#)

Career and Service Learning Experiences

The Whitnall School District believes that students should be provided the opportunity to be exposed to a variety of careers and workplace settings in their journey to discover postsecondary career options. These career and service learning experiences provide opportunities for students to develop skills and dispositions for career and personal success. As part of their Academic and Career Plans, these experiences provide relevance and hands-on learning to develop their postsecondary education alternatives.

These career and service learning experiences include both paid and non-paid options and range from exposure to a more immersive experience. The time commitment, credits, and prerequisites vary for different options. Some experiences may qualify students for state certificates and/or industry credentials. The chart at the end of the section provides a summary of the options.

Service Learning Experiences

Service learning is for students who wish to be actively involved in school- or community- based volunteer experiences. By participating in service learning, students will develop their knowledge, skills, and talents by engaging in real world, hands-on, and meaningful service experiences. Service learning opportunities may include volunteering at schools, healthcare facilities, day care centers, animal shelters or other community-based organizations. Service learning experiences earn .5 credit for one semester and can be repeated but for no additional credits. Examples include classroom aide, school service aide, and student IT help desk.

Work-Based Learning Experiences

Work-based learning is for students who wish to use a paid work experience in conjunction with coursework to develop workplace skills and competencies. These experiences will allow students to develop a mentorship relationship with professionals. An internship will allow students to experience a broader experience within a range of careers and workplace settings whereas a Co-Op and Youth Apprenticeship provides a more focused work experience within specific fields and careers in which a student has an interest.

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CHARACTERISTICS	SERVICE LEARNING	INTERNSHIP AND CO-OP	YOUTH APPRENTICESHIP
Objective	Explore different careers and work environments.	Internship: Provides an initial exposure to the world of work Co-Op: Provides a work experience aligned with a student's career interests. Can lead to state certification in qualified areas.	DWD program that supports the development of desired skills aligned to a student's career interests. Leads to industry certification in qualified areas.
Eligibility	Grades 10-12	Work permit Internship: Grades 11-12 Co-Op: Grades 11-12	Work permit Grades 11-12
Paid/Unpaid	Unpaid	Paid	Paid
Required Work Hours	75 per semester Submission of verified hours (signed and dated by supervisor)	Submission of bi-weekly timesheets (signed and dated by supervisor) Co-Op: 240 hours (In-district credit) 480 hours (State Certificate)	450 hours in 1 year 900 hours in 2 years
Prerequisite Coursework	N/A	Internship: None Co-Op: Related 1.0 credit in content area	Related 1.0 credit in content area
Concurrent Coursework	N/A	Employability Skills	Employability Skills (Year 1)
Semester/Year	Semester	Internship: Semester Co-Op: Year	Year
High School Credit	0.5 credits per semester Repeated for no credit	Internship: 0.5 credits per semester Co-Op: 1.0 or 2.0 credits per year	1.0 or 2.0 credits per year
Release Time	With school permission	Yes	Yes
Transportation	Student/Parent	Student/Parent	Student/Parent
Graded/Ungraded	Pass/Fail	Internship: Pass/Fail Co-Op: Graded	Graded
Postsecondary Credit	None	Possible	Possible
Certificate Program	N/A	Internship: DPI Certificate in Employability Skills Co-Op: DPI Certificate in Skills Standards Program	DWD State Youth Apprenticeship Certificate
Additional Workforce Credentials	N/A	Possible	Possible
Supervised by	Counselor Service Learning Coordinator	Employability Skills teacher Employer	Employability Skills teacher Apprenticeship Coordinator Employer
Content areas	Any content area. Recommended before Internship or Youth Apprenticeship placements.	Internship: Any work experience may qualify Co-Op: Business, Childcare, Culinary, Marketing, TEE	Youth Apprenticeship Programs (YAP) may be available in the 16 career cluster areas

Form Links

[Class Drop Request Form](#)

Co-op Registration Form

Open Campus Seniors may have one hour of off campus hr 7 or hr 1 in lieu of a study hall, if credits for graduation permit. This may be revoked at any time if grade in a required class falls below passing.

[WIAA PE Waiver Form](#)