

CAREER & TECHNICAL EDUCATION

One and a half credits (3 semesters) are required for graduation.

* Courses with Tech Prep options.

Grade Level				Course Offerings		Semester Offered		Pre Req.
9	10	11	12			1 st	2 nd	
				Business Education				
■	■	■	■	*Computer Applications I	BUS734	■	■	
■	■	■	■	*Computer Applications II	BUS764	■	■	◆
	■	■	■	Creative Imaging & Publishing	BUS767	■	■	◆
	■	■	■	*Multimedia Applications I	BUS772	■	■	◆
	■	■	■	*Multimedia Applications II	BUS773	■	■	◆
■	■	■	■	Journal 1-2	BUS731	Year		◆
	■	■	■	Yearbook Staff 1-2	BUS736	Year		◆
■	■	■	■	Business Communications	BUS732	■	■	◆
		■	■	Business Law 1-2	BUS777	Year		
	■	■	■	*Accounting 1-2	BUS746	Year		
	■	■	■	*Accounting 3-4	BUS786	Year		◆
		■	■	Accounting 5-6	BUS787	Year		◆
		■	■	Accounting 7-8	BUS788	Year		◆
	■	■	■	Economics 1-2	BUS789	■	■	
	■	■	■	Career Choices	CAR726	■	■	◆
				Marketing				
■	■	■	■	Introduction to Marketing 1-2	MKT891	Year		
■	■	■	■	Sports & Entertainment Marketing I	MKT892	■		
■	■	■	■	Sports & Entertainment Marketing II	MKT893		■	
■	■	■	■	Entrepreneurship	MKT894	Year		
■	■	■	■	School Store Management	MKT895	■	■	
				Family & Consumer Science				
		■	■	*Careers in Education	HFL775	Year		
	■	■	■	Consumer & Family Resources	HFL783	■	■	
■	■			Health (Family Health)	HFL743	■	■	
■	■	■	■	Foods & You	HFL753	■	■	
	■	■	■	*Child Development	HFL773	■	■	
■	■	■	■	Adaptive Family & Consumer Science	SPE115	Year		◆
	■	■	■	*Culinary Arts 1-2	HFL764	Year		◆
	■	■	■	Food Production Work Co-Op	HFL765	Year		◆
				Industrial Technology				
■	■	■	■	*Computer-Aided Drafting (CAD) and Design	ITE758	Year- S1/S2		
	■	■	■	*Computer-Aided Drafting (CAD) and Engineering	ITE778	Year- S1/S2		◆
	■	■	■	Computer-Aided Drafting (CAD) and Architecture	ITE788	Year- S1/S2		◆
		■	■	Advanced Design	ITE798	Year- S1/S2		◆
■	■	■	■	Beginning Woods Manufacturing	ITE759	■	■	
■	■	■	■	Advanced Woods Manufacturing	ITE789	Year		◆
				Agriculture Education				
■	■	■	■	Agriculture Science & Technology	AGR839	Year		
■	■	■	■	Veterinary Assistant	AGR841	Year		

■	■	■	■	*Metals Fabrication	AGR845	Year	
	■	■	■	Floriculture	AGR847	Year	
■	■	■	■	Horticulture/Landscaping	AGR860	■	■
■	■	■	■	*Turf Management	AGR867	Year	
	■	■	■	*Agri-Business Careers	AGR896	Year	
Trade & Industrial Education							
	■	■	■	*Auto Technology 1-2	TIE833	Year	
	■	■	■	*Auto Technology 3-4	TIE843	Year	◆
		■	■	*Auto Technology 5-6	TIE873	Year	◆
	■	■	■	*Computer Technology 1-2	TIE875	Year- S1/S2	◆
	■	■	■	*Computer Technology 3-4	TIE876	Year- S1/S2	◆
		■	■	*Computer Technology 5-6	TIE877	Year- S1/S2	◆
	■	■	■	*Media Technology & Animation	TIE879	Year- S1/S2	◆
■	■	■	■	*Sports Medicine	TIE895	Year	
		■	■	Applied Math	TIE801	Year	
■	■	■	■	*American Sign Language 1-2	TIE857	Year	
	■	■	■	*American Sign Language 3-4	TIE858	Year	◆
		■	■	American Sign Language 5-6	TIE859	Year	◆

TECH-PREP

Tech-Prep allows students the opportunity to earn WWCC credits in a number of vocational program areas while completing classes at Wa-Hi. Tech Prep allows students to choose a vocational area of interest early in their high school career and to take classes that will prepare them for their career pathway. Through these classes students will gain knowledge and skill which will provide a foundation for their future. In addition, Tech Prep students may petition WWCC for credits for designated competencies mastered in their Wa- Hi classes. This allows students to move forward in their post-secondary vocational training without repeating coursework already taken at Wa-Hi.

Programs at Wa-Hi that have a Tech Prep option: Agriculture Education, Automotive Mechanics, Business Education, Industrial Technology, Computer Technology, Careers in Education, Child Development, Culinary Arts, and Sports Medicine.

NOTE: Courses that are Tech Prep will indicate TECH PREP Class at the bottom of the course description.



CAREER & TECHNICAL EDUCATION COURSE DESCRIPTIONS

BUSINESS EDUCATION

BUS734 COMPUTER APPLICATIONS I

(.5 credit per semester) This hands-on class provides an opportunity for students to extend their basic knowledge of MS Office to more sophisticated levels. Students will learn how to utilize the computer for maximum proficiency in both academic and career applications. Students have the opportunity to earn college credits by successfully completing both CAI & CAII in the same year. **Students will have the opportunity to prepare for the Culminating Project. *TECH PREP class***

BUS764 COMPUTER APPLICATIONS II

(.5 credit per semester) Prerequisite: **successful completion of BUS734 or Business Education instructor approval.** As a continuation of Computer Applications I, this semester course provides students with a deeper understanding of applications using Microsoft Office (Word, Excel, Access, PowerPoint, and Outlook). Students have the opportunity to earn college credits by completing this course in the same year as CAI. ***TECH PREP class***

BUS767 CREATIVE IMAGING & PUBLISHING

(.5 credit per semester) Prerequisite: **Successful completion of BUS734 Computer Applications I or Business Education instructor approval.** This one semester course is designed to introduce students to the Adobe Creative Suite 3 software and how it relates to digital imaging and publishing. Software covered will include Photoshop CS3 (digital imaging), InDesign CS3 (publishing/design), and Illustrator CS3 (graphic design). Students intending to participate in Yearbook or *Journal* staff are encouraged to enroll in this class.

BUS772 MULTIMEDIA APPLICATIONS I

(.5 credit per semester) Prerequisite: **Successful completion of BUS734, BUS764 or Business Education Instructor approval.** In this semester course students learn graphic art design principles and apply them to a variety of digital media applications using current, industry-standard software. Students will create original designs, animations, and websites. **This course may be applied towards a Fine Art or Occupational Ed. Graduation requirement. *TECH PREP class***



BUS 773 MULTIMEDIA APPLICATIONS II

(.5 credit per semester) Prerequisite: Successful completion of BUS772. This semester course is for students who are interested in gaining additional digital design and graphic arts experience. Students will learn and apply the advanced features of web design and animation software to their multimedia presentations. **This course may be applied towards a Fine Art or Occupational Ed. Graduation requirement. TECH PREP class**

BUS732 BUSINESS COMMUNICATION

(.5 credit per semester) Prerequisite: counselor or teacher permission. This semester-long course prepares individuals to function in an organization as an editor, composer, and proofreader of business-related communications. The major emphasis is on business research and writing. **Students will have the opportunity to prepare for the Culminating Project.**

BUS 731 JOURNAL 1-2

(.5 credit per semester) Prerequisite: Strong composition skills, work ethic and journalism teacher permission required. In this year-long course, staff writers will interview, research and write articles for the *Wa-Hi Journal*. Students will use digital cameras for photojournalism and will be responsible for securing advertisers. Editors will use InDesign CS3 and Photoshop CS3 to design and publish the *Wa-Hi Journal*. Editors are encouraged to enroll concurrently in Creative Imaging & Publishing. This year-long course may be repeated more than once for credit with instructor permission.

BUS736 YEARBOOK STAFF 1-2

(.5 credit per semester) Prerequisite: Advisor approval. (Multimedia and Photography recommended.) Be a part of the publication of Wa-Hi's yearbook; "The Royal Blue." Course work includes photography, layout and design using desktop publishing software (for Editors), and deadline planning. Editors are responsible for designing, editing, and mailing yearbook pages. Staff Photographers are responsible for providing images for designed pages. Students must be self-motivated and enjoy working in teams. This course may be taken more than once.

BUS777 BUSINESS LAW 1-2

(.5 credit per semester) Can they really do that? You may be asking this question one day about something a business, lawyer, or employer did to you. Find out now! This full-year course can either count for one credit of Occupational Education or one-half credit Occ. Ed. and the one-half credit of American Government required for seniors. It is designed for juniors and seniors with good reading and writing skills. The course includes the study of criminal, civil and contract law, which involve sales, insurance, banking, employment, and buying and renting property, and the basics of personal finance. Students will review Supreme Court cases, visit a local court, and research current and historical developments in law.

BUS746 ACCOUNTING 1-2

(.5 credit per semester) A full year course for students who have a variety of career objectives, particularly students interested in vocational preparation for careers in accounting or other related business fields for which mastery of some accounting knowledge and skills is needed. Curriculum includes manual and computerized instruction, understanding accounting concepts, principles and practices, and applying procedures. **TECH PREP Class**

BUS786 ACCOUNTING 3-4

(.5 credit per semester) Prerequisite: Accounting 1-2. This course is designed for students who 1) want to become accounting clerks upon graduation, 2) want to obtain the accounting skills necessary to advance to the level of junior or assistant accountant following experience as accounting clerks, 3) want to go to college and major in accounting or some phase of business, or 4) want to broaden and improve knowledge, understanding, and application of accounting competencies. Study will cover manual and computerized accounting, partnerships, departmental, and corporate accounting practices. **TECH PREP Class**

BUS787 ACCOUNTING 5-6

(.5 credit per semester) Prerequisite: Accounting 3-4. This course is designed for students who want to attend college and major in accounting or some phase of business or who want to broaden and improve knowledge, understanding, and application of accounting competencies. Study will cover financial, cost, and managerial (both manual and computerized) accounting including QuickBooks professional accounting software. **TECH PREP Class**

BUS788 ACCOUNTING 7-8

(.5 credit per semester) Prerequisite: Successful completion of Accounting 3-4. This course is designed for students who want to learn the process of automated accounting. Students will use QuickBooks software. This course is designed for students who would desire a career in the accounting or business field.

BUS789 ECONOMICS 1-2

(.5 credit per semester) Why are clothing prices constantly changing? How do banks work? How do people spend money in other countries? How does the government control the economy? How do inflation, unemployment, and recessions impact me? These are some of the questions we will tackle in this full-year course, which may meet an Occupational Education and/or Social Studies elective graduation requirement. Instruction includes micro and macro economic theory, comparative economic systems, study of production, allocation of resources, the development of fiscal and monetary policy in the U.S., and the economic impact of international markets. The course is designed for sophomore and above students with good reading and writing skills. Experience with Microsoft Word, Excel, and PowerPoint is suggested. Students may enroll in the class for one semester.

CAR726 CAREER CHOICES

(.5 credit per semester) Prerequisite: Current IEP on file and teacher permission. A full year course open to special needs students 16 years of age or older who desire occupational training related to employment. Career Choices course is designed to provide alternative learning strategies and/or pacing to reach a level of employability, training, along with focused attending on basic and social skills development

MARKETING

MKT898 INTRODUCTION TO MARKETING 1-2

(.5 credit per semester) This project-based full year course introduces students to economics, marketing, and entrepreneurship. Topics covered include Product/Service Management, Promotion, and Selling. This course emphasizes leadership, communication, analytical, and critical thinking skills. Fieldtrips include the All Pro Sports Day with the Sonics in the Fall and Mariners in the Spring.

MKT892 SPORTS & ENTERTAINMENT MARKETING I

(.5 credit per semester) This semester long course is designed for students interested in sports and/or marketing. Emphasis is placed on the business side of sports and managing sports athletes and events. Fieldtrips include the All Pro Sports Day with the Sonics in the Fall and Mariners in the Spring.

MKT893 SPORTS & ENTERTAINMENT MARKETING II

(.5 credit per semester) This semester long course is designed for students interested in the study of the entertainment marketing industry. Emphasis is placed on the business side of such entertainment as movies, music and entertainment parks. Year end class field trip is to Silverwood Theme Park.

MKT894 ENTREPRENEURSHIP

(.5 credit per semester) Over the course of this full year class, students will make and distribute apparel to various organizations and clubs throughout the school while learning the various aspects of owning and running your own company. Fieldtrips include the All Pro Sports Day with the Sonics in the Fall and Mariners in the Spring.

MKT895 STUDENT STORE MANAGEMENT

(.5 credit per semester) This semester long course provides marketing students with a hands-on learning experience in the area of retail marketing & management through the DECA student store. Students in this class are responsible for the complete operation of the store including: merchandise buying and pricing, inventory management, cash handling, accounting, and promotions. Fieldtrips include the All Pro Sports Day with the Sonics in the Fall and Mariners in the Spring.

FAMILY AND CONSUMER SCIENCE

HFL775 CAREERS IN EDUCATION

(.5 credit per semester) Have you considered being a teacher? Discover Careers in Education. You will visit classrooms at local elementary and middle schools while learning teaching techniques, discipline, and how to get kids to learn and like school. During 2nd semester you will intern 4 days a week during our class period in an elementary or middle school class. Students will need to provide their own transportation with parental permission. Earn 4 college credits with successful completion. ***TECH PREP class***



HFL783 CONSUMER & FAMILY RESOURCES (INDEPENDENT LIVING)

(.5 credit per semester) Want to live with your parents forever? Are you ready to move out and live on your own? In Independent Living you will learn how to manage your money and still have some left over for fun. You will prepare quick, easy and inexpensive meals and learn to entertain your friends on a budget. You will learn how to buy a car that won't break down and insurance to protect you. Students will develop strategies and tools for personal investing in a wide variety of markets including and not limited to stocks and bonds in preparation for their retirement years. Participation in FCCLA project activities will be used as assessments. Independent Living is a valuable class to take before leaving Wa-Hi.

HFL743 HEALTH (*FAMILY HEALTH*)

(.5 credit per semester) This class is offered first and second semesters. A one semester course designed to prepare students for life-long decision making, problem solving, critical thinking, and management skills related to health and wellness issues impacting families. The primary role is enabling students to assume an active role in developing healthy lifestyles for themselves and others. Topics of study will include mental and physical health, with units on emotional development, nutrition, exercise and fitness as well as diseases. Growth and development from conception through childhood, adolescence, and adulthood will be studied. Guest speakers and field trips are used to study community resources available to deal with health concerns. Participation in FCCLA project activities will be used as assessments.

HFL753 FOODS AND YOU (*NUTRITION AND FOODS*)

(.5 credit per semester) Hungry? Learn first hand how to cook and prepare a variety of foods. Explore recommendations for healthy eating, making meals on a budget, and cultural foods. Learn about the new "My Pyramid" a personal guide to choosing the right foods. You will use the newest technology and equipment. Participate in multiple food labs and "eat your homework." Participation in FCCLA project activities will be used as assessments. Pair up this class in the future with Culinary Arts and earn 3 college credits. Students will be required to purchase a food handlers permit at the cost of \$10.00.

HFL773 CHILD DEVELOPMENT

(.5 credit per semester) Babies don't come with instructions! Equip yourself with skills to make a difference in the lives of children. This course explores prenatal and developmental stages, cost of raising children, and motivation and education of young children. Learn parenting skills through activities, guest speakers, field trips, and cooperative learning activities. This course is great for anyone who plans to "parent" a child in the future, or is interested in careers with children. We will offer a mini session preschool opportunity in the classroom. You will design age appropriate lessons to teach the children. STARS certification will be included in the course. It is an approved basic training for childcare workers and licensed family day care personnel. Emphasis is on care and guidance of children birth to eight years.

You could earn up to 5 TECH PREP class credits.

SPE115 ADAPTIVE FAMILY & CONSUMER SCIENCE 1-2

(.5 credit per semester) **Prerequisite: Approved IEP.** A full year course open to special needs students with approved IEP's. The course of study includes the areas of food, clothing, housing, child development, consumer education (money management) and individual/family relations. These areas will also include discussions concerning

mental and physical health, with units on emotional development, nutrition, exercise and fitness as well as diseases.

HFL764 CULINARY ARTS 1-2

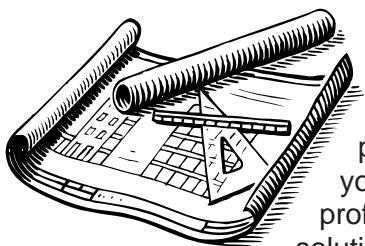
(.5 credit per semester) Learn about one of the largest, fastest growing industries in the United States. A career in the hospitality/ food service industry includes management, culinary arts, and entrepreneurship, hospitality and travel opportunities. Based on input from restaurant and hospitality professionals nationwide, the ProStart Program offers both the work experience and classroom learning you need to succeed in your career. Leadership activities and special school projects are an important part of school to career class. The students, who have completed the program, including a work component, are eligible to achieve the National Certificate of Achievement which comes with scholarship opportunities. We are an official national Restaurant Association approved program and will compete in cooking contests around the state. Students will be required to obtain a food handlers permit at the cost of \$10.00 and have the opportunity to purchase their own hat and jacket at the cost of \$35.00. Participation in FCCLA project activities will be used as assessments. Earn up to 17 college credit with successful completion of Culinary Arts. **TECH PREP class**

HFL765 FOOD PRODUCTION AND SERVICES CULINARY ARTS INTERNSHIP

(1 credit for 405 hr internship) work-based learning The class helps you get and keep a job that will teach valuable skills in hospitality/food service professions. The student will complete a paid internship with a mentor working in the food industry. Job site mentors will work with students to provide them with training related to important job skills as well as opportunities for career and higher education. The student will be able to take an industry certification test at completion of the co-op and classroom experience. Students must be taking the Culinary Arts class to receive work credit for on the job training. Earn college credit for on the job experience.

INDUSTRIAL TECHNOLOGY

***NOTE:** The DESIGN TECHNOLOGY classes described **BELOW** provide basic materials. Students must pay for non-basic materials and replacement equipment fees.



ITE758 COMPUTER-AIDED DRAFTING (CAD) & DESIGN

(.5 credit per semester) Interested in a career in Architecture, Engineering, Construction, or developing products that will change the world? This full year class is for you! Learn the design problem solving skills used by professionals. Develop the ability to communicate design problem solutions clearly and precisely using computer-aided drafting (CAD)

methods and 3-D modeling techniques. **TECH PREP Class**

ITE778 COMPUTER-AIDED DRAFTING (CAD) & ENGINEERING

(.5 credit per semester) Prerequisite: ITE758 CAD & Design. Design problem solving from an engineer's point of view. This full year class will enhance your skills as you create solutions to problems in power and energy, transportation, waste management, and industrial development. Student projects will be on an individual or design team

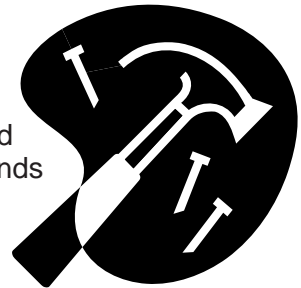
basis and utilize current and innovative trends in materials and technology. **TECH PREP Class**

ITE788 COMPUTER-AIDED DRAFTING (CAD) & ARCHITECTURE

(.5 credit per semester) Prerequisite: ITE758 CAD & Design. Design problem solving from an architect's point of view. This full year class will enhance your skills as you create solutions for residential and commercial structures and spaces. Student projects will be on an individual or design team basis and utilize current and innovative trends in building materials and technology.

ITE798 ADVANCED DESIGN

(.5 credit per semester) Prerequisite: ITE778 CAD & Engineering or ITE788 CAD & Architecture. Advanced design process and team leadership in either architecture or engineering. This full year class will enhance your skills as you lead design teams in presenting solutions to problems utilizing current and innovative trends in materials and technology.



ITE759 BEGINNING WOODS MANUFACTURING

(.5 credit per semester) Students in this semester or year long class will explore the range of careers related to the woods industries. Skills developed include project planning, power and hand tool operation, and the design, specifications, and building of a final project(s). Fees depend on materials used. There is an initial fee of \$12 for safety glasses, wood, and measurement tool.

ITE789 ADVANCED WOODS MANUFACTURING

(.5 credit per semester) Prerequisite: Beginning Woods or instructor permission. Students build on prior skills learned and have the opportunity to explore an interest area in carpentry, cabinetry, or construction related career areas. Students will use industry standards for skills needed to enter into employment or higher education. Activities are project based and include estimation, pricing, construction, quality control, and final production. Students may repeat course for continued advanced skills. Fees depend on materials used. There is an initial fee of \$12 for safety glasses, wood, and measurement tool.

AGRICULTURE EDUCATION

AGR839 AGRICULTURE SCIENCE AND TECHNOLOGY

(.5 credit per semester) This inquiry-based course is designed for the student that wishes to explore science fundamentals and applications. The biological, physical, and chemical aspects of Natural Resources, Plant Sciences, Animal Sciences and Food Science and Technology will be emphasized in this course. Leadership development in the FFA will also be encouraged.

AGR841 VETERINARY ASSISTANT

(.5 credit per semester) This full year course is designed to prepare students for a career in Veterinary Science as veterinarians, veterinarian assistants, animal specialists and zoological professions. Class emphasis will be in animal handling, restraint procedures, medical examinations, vaccinations, routine medical procedures, office

administration skills, patient and owner management, animal health, and nutrition. Students will have the opportunity to bring their own animals to class for examinations and assist with the birthing and care of school farm animals.

AGR845 METALS FABRICATION 1-2

(.5 credit per semester) This is a full year course, but students may register for one semester. Students will complete units emphasizing skills in operation and safety of shop equipment. First semester will be primarily developing basic skills in arc and gas welding. Second semester will include instruction in MIG and TIG welding along with individualized projects. Shop safety is an integral part of this class. Coveralls or other acceptable protective clothing must be worn in shop classes and are the responsibility of each student unless other arrangements are made with the instructor. Class Fee of \$10 applies. **TECH PREP Class**

AGR847 FLORICULTURE 1-2

(.5 credit per semester) This **FULL YEAR** course is open to sophomores, juniors, and seniors. It is a course designed to provide students with introductory training and skills needed for employment as a floral designer or employment related to nursery management and ornamental horticulture. Students will design and fashion live, cut, dried, and artificial floral arrangements for special events. Activities include learning retail pricing methods, gaining knowledge of design and design patterns, use of industry standard supplies, and employment opportunities. A \$20 lab fee will be charged. **This course may be applied towards a Fine Art or Occupational Ed graduation requirement.**

AGR860 HORTICULTURE/LANDSCAPING 1-2

(.5 credit per semester) This semester course is open to students interested in studying career opportunities in horticulture and in developing skills of the orchardist, vegetable grower, and greenhouse operator. Emphasis will be given to vegetable crops, ornamental plant materials and management, plant propagation, and basic landscape design. Classroom safety is an integral part of this class.

AGR867 TURF MANAGEMENT 1-2

(.5 credit per semester) This full year course is open to students interested in turf management. Individuals who have knowledge of turf management frequently are employed as grounds keepers and gardeners, taking care of lawns, shrubs, trees and parks, golf courses, playgrounds, building grounds and gardens for public or commercial facilities. Turf grass management is becoming more sophisticated and requires more technical knowledge. **TECH PREP Class**

AGR896 AGRI-BUSINESS CAREERS 1-2

(.5 credit per semester) This is a full year course for students who have an interest in Agricultural Business. The class will include studies of agriculture commodities, marketing, international trade, goal setting, resume writing, job interviewing, careers, advertising, sales skills, product displays, and customer relations. PowerPoint, Publisher and other programs will also be taught. **TECH PREP Class**

TRADE AND INDUSTRIAL EDUCATION



TIE833 AUTO TECHNOLOGY 1-2

(.5 credit per semester) This is a full year basic course that covers brake systems, electrical systems, engine performance, engine repair, suspensions and steering, automatic and manual transmissions and drive trains, and heating and air conditioning. Instruction includes classroom work, models, audio-visual aids, and hands-on work with various vehicle components. This class begins the ASE General Service Technician Program. Students must wear acceptable protective clothing and safety glasses when in the shop. **TECH PREP Class**

TIE843 AUTO TECHNOLOGY 3-4

(1.0 credit per semester) Prerequisite: Auto Technology 1-2 and/ or instructor permission. This is a full year advanced course that covers brake systems, electrical systems, engine performance, engine repair, suspensions and steering, automatic and manual transmissions and drive trains, and heating and air conditioning. Instruction includes classroom work but the majority of time is hands-on work with various vehicles and automotive components. This class is a two hour daily block and continues the ASE General Service Technician Program. Students must provide and wear acceptable protective clothing and safety glasses when in the shop. There is a \$15.00 shop fee. **TECH PREP Class**

TIE873 AUTO TECHNOLOGY 5-6

(1.0 credit per semester) Prerequisite: Auto Technology 3-4 and/ or instructor permission. This full year advanced course continues with brake systems, electrical systems, engine performance, engine repair, suspensions and steering, automatic and manual transmissions and drive trains, and heating and air conditioning. This is a more individualized course. The student will work with the instructor to establish goals for the semester and identify an automotive project that relates to the General Service Technician Program. This class is a two period daily block and emphasizes working independently and completion of the ASE General Service Technician Program. Students must provide and wear acceptable protective clothing and safety glasses when in the shop. There is a \$15.00 shop fee.

TECH PREP Class

TIE875 COMPUTER TECHNOLOGY 1-2

IT Essentials (A+ Certification) **(.5 credit per semester)** This course is open to sophomores, juniors, and seniors who are interested in learning technical skills required for employment in today's computer/digital technology industry. Students are taught to troubleshoot common equipment failure, replace and update computer components, and to learn how to trace and solve problems with digital systems. Students will learn to build a complete computer system. Students will use "state of the art" industry standard training systems to meet technology standards of today. Students will also learn networking, Internet technology, circuit design, operating systems, logic, automation, and data acquisition systems. This class is a must for all students interested in a technology related career. Students will use this class to progress to A+ Certification standards. *Students must have stereo headphones for this class.* This course can be taken for college credit (Tech Prep). **TECH PREP Class**

TIE876 COMPUTER TECHNOLOGY 3-4

IT Technician A+/ Networking+/ Security+/ Server+/ OS+/ Linux+/CISSP+

(.5 credit per semester) Prerequisite: Computer Technology 1-2 and instructor permission. Students will solve problems commonly found in computer systems, design working networks, and work with high tech digital systems. Students will work with high-end multimedia internet and intranet systems and applications. This class is part of the Cisco Academy and will offer students the opportunity to work on Cisco Certification. Students will be able to follow technical paths tailored to their area of interest. Testout training is available to students in areas such as Network+, Security+, A+ and Linux+ as well as CISSP. Students will be given online coursework that will go with hands-on lab work. This class will provide students the opportunity to acquire professional skills for high tech industries or schools. Students will learn industrial applications for computers and digital systems through experiments and hands-on situations. Students will be encouraged and required to learn how to solve problems by learning where to find answers to problems. This class is intended to simulate “real world” experience. *Students must have stereo headphones for this class.* This course can be taken for college credit (Tech Prep). **TECH PREP Class**

TIE877 COMPUTER TECHNOLOGY 5-6

Networking+/ Security+/ Server+/ OS+/ Linux+/CISSP+

(.5 credit per semester) Prerequisite: Computer Technology 3-4 and instructor permission. Students will expand their computer technology skills to advanced topics and skill training. Students will work with high-end multimedia internet and intranet systems and applications. This class is part of the Cisco Academy and will offer students the opportunity to work on Cisco Certification 1st and 2nd semester. Students will be able to continue technical paths tailored to their area of interest. Testout training is also available to students in areas such as Network+, Security+, A+ and Linux+ as well as CISSP. Students will be given online coursework that will go with hands on lab work. Students will also be given high level technical challenges and “real world” opportunities to solve common computer problems. This class will provide students the opportunity to become expert in selected areas of technical interest. *Students must have stereo headphones for this class.* This course can be taken for college credit (Tech Prep). **TECH PREP Class**

TIE879 MEDIA TECHNOLOGY AND ANIMATION

(.5 credit per semester) Prerequisite: Instructor permission. The student taking this class will learn 3D object modeling and production commonly found in gaming, commercials, forensics, movies, special effects, aerospace, and interactive training. Students will work with “state of the art” modeling and animation software and learn techniques that will be used to produce digital media. Students will learn computer object modeling, animation, video production, and how to produce an end media product using this technology. Students will use software that is currently being used in the electronic media industry. *Students must have stereo headphones for this class.* This course can be taken for college credit (Tech Prep). **This course may be applied towards either the Fine Art or Occupational Ed (CTE) credit requirement.**
TECH PREP Class

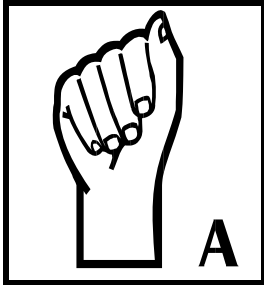
TIE895 SPORTS MEDICINE 1-2

(.5 credit per semester) Students enrolled in Sports Medicine will earn certificates for completing units in CPR and First Aid. Sports Medicine students will learn basic anatomy, physiology, and nutrition as they relate to the prevention and treatment of injuries. Students may have the opportunity to work with the team trainers and athletes at home athletic events. The Sports Medicine program will include hands-on classroom

and lab instruction on how to safely evaluate, treat, and rehabilitate athletic injuries.
TECH PREP Class

TIE801 APPLIED MATH

(.5 credit per semester) This is a year long course that focuses on the application of mathematics and statistics to the solution of problems in fields such as engineering and architectural design, the applied sciences, industry and manufacturing, agriculture, business and marketing, health occupations, and home and family life. Instruction includes learning the necessary skills, practicing them, and using the skills in laboratory activities.



TIE857 AMERICAN SIGN LANGUAGE 1-2

(.5 credit per semester) This full year course is a beginning course in American Sign Language, introducing students to the remarkable and complex language of the Deaf. This course will provide insights into Deaf cultural values, Deaf attitudes and the Deaf community. Everyday conversational situations will be achieved using a natural and direct method through meaningful context, modeling, observation, and student participation. At the end of the first year, students will have a conversational knowledge of American Sign

Language. **TECH PREP Class**

TIE858 AMERICAN SIGN LANGUAGE 3-4

(.5 credit per semester) This second year course is a continuation of American Sign Language 1-2 with greater emphasis on American Sign Language grammar and concentrated effort to develop the student's expressive and receptive skills. Everyday conversational situations will be approached via natural and direct methods, through meaningful context and activities. Appropriate language, grammar, and cultural behaviors that establish and maintain social relations will be emphasized. Two years of American Sign Language satisfies the foreign language requirement for many colleges and universities. **TECH PREP Class**

TIE859 AMERICAN SIGN LANGUAGE 5-6

(.5 credit per semester) Students registering for this class must have successfully completed both ASL 1-2 and ASL 3-4 and need ASL instructor permission. This third year course will take the skills learned in the first two years and focus on the skills, knowledge, and professional ethics required to become an interpreter. This course will also include the Deaf Perspective of history, education, and employment. Students will be expected to learn content and style of deaf signs and their appropriate usage. The course will be conducted using signs only (no voice).