

BU42 **Multimedia Technology**

0.5 Cr.
This course is designed for students with an interest in computer multimedia. Students will learn the desktop presentation skills involved in creating, editing, layering, animating and presenting computerized presentations. Students will utilize photo-editing programs to create images suitable for multimedia presentations. Students will learn techniques for enhancing graphics used in desktop presentations and basic web design. Students will use the Internet to access on-line information used in class projects and to download computer graphics and photos for multimedia use. Students will experience applications supporting the Arizona Academic Math Standards. [Board Adopted 2000] [Board Revised 2003]

Prerequisites: None

Homework: Minimal

Degree of Difficulty: Average

Grade Level: 9,10,11,12

Course fee of \$10 is required

BU22 **Financial Planning and Investing**

0.5 Cr.
Financial Planning and Investing introduces students to basic financial planning concepts and illustrates how these concepts apply to everyday life. Topics covered include career planning and development, goal setting, personal budgeting, cash flow analysis, tax planning, use of credit, savings and investment programs, changes in housing situations, major consumer purchases, insurance needs and retirement and estate planning. Students may experience applications supporting the Arizona Academic Math Standards. [Board Adopted 1997][Board Revised 2004]

Prerequisites: None

Homework: Average

Degree of Difficulty: Average

Grade Level: 9,10,11,12

MA48 **Financial Mathematics**

1.0 Cr.
Financial Mathematics introduces students to basic financial planning concepts and illustrates how these concepts apply to everyday life. Topics covered include career planning and development, goal setting, personal budgeting, cash flow analysis, financial statements, tax planning, use of credit, savings and investment programs, changes in housing situations, major consumer purchases, insurance needs and retirement, and estate planning. Students will experience applications supporting the Arizona Academic Math Standards. [Board Adopted 2009]

Prerequisites: Algebra 3-4

Homework: Average

Degree of Difficulty: Average

Grade Level: 10,11,12

BU12 **Accounting 1-2**

1.0 Cr.
Accounting 1-2 is essential for students planning to pursue a career or degree in business. Students are introduced to the accounting cycle and will apply basic accounting principles to both service and merchandising businesses. Automated accounting software is utilized to simulate real world experiences. Areas covered include business ethics, cultural diversity and Internet activities. Federal and State tax preparation will be taught as well as personal finance skills. Students may experience applications supporting the Arizona Academic Math Standards. [Board Adopted 1997] [Board Revised 2004]

Prerequisites: None

Homework: Average

Degree of Difficulty: Average

Grade Level: 9,10,11,12

VE **BU16**

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Business Law

This course involves the study of how our nation's laws were formed, the ethics behind our laws, our kinds of law, how laws are enforced, and the difference between crimes and torts. Laws for minors, families, and consumers will also be studied. However, the main emphasis of this course will be the study of contracts different types, how they are formed and ended, and damages. (Also available online, see page 39) [Board Adopted 1997][Board Revised 2003]

Prerequisites: None

Homework: Average

Degree of Difficulty: Average

Grade Level: 9,10,11,12

BU46

0.5 Cr.

This course will prepare students to use the computer as a tool to assist in personal, business and educational use at an accelerated pace. Students will learn fundamentals of computer use in addition to software applications using Windows and Microsoft Office. Skills taught will include a keyboarding tutorial, letters, reports, tables, and an employment unit. Students will also use spreadsheet, database, and presentation software to create professional documents. The students will experience applications supporting the Arizona Academic Math Standards and the Arizona Academic Standards for Language Arts (AIMS) [Board Adopted 1997] [Board Revised 2003]

Prerequisites: None

Homework: None

Degree of Difficulty: Average

Grade Level: 9,10,11,12

Course fee of \$10 is required

PC101

0.5 Cr.

This course will prepare students to use the computer as a tool to assist in personal, business and educational use at an accelerated pace. Students will learn fundamentals of computer use in addition to software applications using Windows and Microsoft Office. Skills taught will include a keyboarding tutorial, letters, reports, tables, and an employment unit. Students will also use spreadsheet, database, and presentation software to create professional documents. The students will experience applications supporting the Arizona Academic Math Standards and the Arizona Academic Standards for Language Arts (AIMS) [Board Adopted 1997] [Board Revised 2003]

Prerequisites: None

Homework: None

Degree of Difficulty: Average

Grade Level: 9,10,11,12

Course fee of \$10 is required

BU55

0.5 Cr.

This course is designed to help students create personal, business, or school web pages for the Internet. It is designed for intermediate Internet users. Topics covered include: web browser features, Internet research techniques, multimedia capabilities, and web page creation. Student web pages will include text, sound video, tables, links, and forms. The student may experience applications supporting the Arizona Math Standards. [Board Adopted 2000] [Board Revised 2003]

Prerequisites: Computer Applications

Homework: None

Degree of Difficulty: Average

Grade Level: 9,10,11,12

Course fee of \$10 is required

Internet and Web Design

0.5 Cr.

This course is designed to help students create personal, business, or school web pages for the Internet. It is designed for intermediate Internet users. Topics covered include: web browser features, Internet research techniques, multimedia capabilities, and web page creation. Student web pages will include text, sound video, tables, links, and forms. The student may experience applications supporting the Arizona Math Standards. [Board Adopted 2000] [Board Revised 2003]

Prerequisites: Computer Applications

Homework: None

Degree of Difficulty: Average

Grade Level: 9,10,11,12

Course fee of \$10 is required

FAMILY AND CONSUMER SCIENCE**HI72**

0.5 Cr.

Do you know where you are going? Do you know how you will get there? Are you a "people person"? Discover personal abilities and explore options in this introductory class to the Human Services Career Pathway. Uncover your hidden potential while learning to get along better with friends, family and co-workers. Learn to use time, money, and talents to get ahead. This class includes hands-on activities, group participation, team building, self-discovery, computer usage, and exploration of careers that are in high demand. Check it out! Prepare yourself for life. Students may experience applications supporting the Arizona Academic Math Standards. (Approval to allow schools the option to teach as one semester or full year credit)[Board Adopted 2000]

Prerequisites: None

Homework: Minimal

Degree of Difficulty: Average

Grade Level: 10,11,12

Course fee of \$20 is required

Life 101

Course fee of \$10 is required

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HI83 1.0 Cr.	Culinary Arts 1-2	VE 1 Year	HI42 1.0 Cr.	Interior Design 1-2	VE 1 Year
<p>Culinary Arts 1-2 gives students the opportunity to learn food preparation and nutrition. Principles of food preparation, food safety, the proper and safe use of equipment, food selection and storage, and the preparation of a variety of foods are examined along with guidelines for making healthy choices. Food laboratory experiences emphasize teamwork and job success. Skills learned can be transferred to entry-level food service careers. Students experience applications supporting the Arizona Academic Math Standards. [Board Adopted 2009]</p> <p><i>Prerequisites: None</i> <i>Homework: Minimal</i> <i>Degree of Difficulty: Average</i> <i>Grade Level: 9,10,11,12</i> <i>Course fee of \$20 is required</i></p>			<p>This course is designed for students interested in an industry profession related to Interior Design. Curriculum includes the elements and principles of design, space planning and organization, design techniques, accessory design, fabric coordination, kitchen and bath design, window treatment design, and color board presentation. Students will experience applications supporting the Arizona Academic Math Standards. [Board Adopted 2009]</p> <p><i>Prerequisites: None</i> <i>Homework: Minimal</i> <i>Degree of Difficulty: Average</i> <i>Grade Level: 9,10,11,12</i> <i>Course fee of \$20 is required</i></p>		
HI84 1.0 Cr.	Culinary Arts 3-4	VE 1 Year	HI43 1.0 Cr.	Interior Design 3-4	VE 1 Year
<p>Culinary Arts 3-4 is an advanced course that builds on the knowledge and skills learned in Culinary Arts 1-2. Students develop skills in all facets of the food service industry. Advanced meal planning and food preparation techniques are experienced. This course utilizes laboratory experiences in the exploration of American and International cuisine. Students will experience applications that support the Arizona Academic Math Standards. [Board Adopted 2009]</p> <p><i>Prerequisites: Culinary Arts 1-2</i> <i>Homework: Minimal</i> <i>Degree of Difficulty: Average</i> <i>Grade Level: 10,11,12</i> <i>Course fee of \$20 is required</i></p>			<p>This program is designed for students who have completed Interior Design 1-2 and aspire to develop their skills by working on advanced level projects in original fabric design, room renovation, themed interior spaces, commercial design, model home design presentation, innovative housing materials, fiber experiments, natural textile dyes, fabric silkscreen, and interior design job shadow. Upon course completion, students will have the skills needed to pursue post secondary training in the Certificate of Interior Design and/or the Associate of Applied Science Degree in Interior Design Programs. Students will experience applications supporting the Arizona Academic Math Standards. [Board Adopted 2009]</p> <p><i>Prerequisites: Interior Design 1-2</i> <i>Homework: Minimal</i> <i>Degree of Difficulty: Average</i> <i>Grade Level: 10,11,12</i> <i>Course fee of \$20 is required</i></p>		
HI37 1.0 Cr.	Early Childhood 1-2	VE 1 Year	HI76 1.0 Cr.	Apparel Design & Merchandising 1-2	VE 1 Year
<p>Students will explore physical, social, emotional, and intellectual development of children during prenatal, infancy, and early childhood periods. Parental, caregiver, and occupational roles and responsibilities are emphasized in each of these periods of growth and development. Students will have hands-on experience in the on-campus Early Learning Center. This course is a pre-requisite to Early Childhood 3-4 as well as a lead-in to <i>Aspire to Teach and HERO</i>. [Board Adopted 2009]</p> <p><i>Prerequisites: None</i> <i>Homework: Average</i> <i>Degree of Difficulty: Average</i> <i>Grade Level: 9,10,11,12</i> <i>Course fee of \$30 is required</i></p>			<p>Apparel Design and Merchandising is a class designed for students interested in an industry profession related to Apparel Design, Construction, or Merchandising. This course will cultivate student knowledge in apparel design, production, garment construction, visual merchandising presentations, garment and accessory design and construction, and fashion illustration. In addition, the student will assemble a progressive portfolio. This course is an excellent lead into a senior cooperative education program, apprenticeship, or on the job training that will benefit and enable the student to be more competitive when seeking employment in this field. Students will have the skills necessary to pursue post secondary training toward a Certificate of Apparel Design & Construction, an Associate of Applied Science Degree in Fashion Merchandising, and/or an Associate of Applied Science in Marketing. [Board Adopted 2009]</p> <p><i>Prerequisite: None</i> <i>Homework: Minimal</i> <i>Degree of Difficulty: Average</i> <i>Grade Level: 9, 10,11,12</i> <i>Course fee of \$25 is required</i></p>		
HI21 1.0 Cr.	Early Childhood 3-4	VE 1 Year	HI77 1.0 Cr.	Apparel Design & Merchandising 3-4	VE 1 Year
<p>This course is recommended for students interested in careers related to education, counseling, health, human/social services, and parenting. Students will create lesson plans and teach children ages 3-5 in the licensed on-campus Early Learning Center and will participate in all areas of operating the Early Learning Center. Employability and leadership skills needed for success in the workforce are acquired through classroom and lab exercises. [Board Adopted 2000][Board Revised 2005][Board Revised 2009]</p> <p><i>Prerequisites: Early Childhood 1-2</i> <i>Homework: Minimal</i> <i>Degree of Difficulty: Average</i> <i>Grade Level: 10,11,12</i> <i>Course fee of \$35 is required</i></p>			<p>Apparel Design & Merchandising 3-4 is designed to further advance the application of the principles and skills developed in Apparel Design & Merchandising 1-2. The class is designed for those students who would like to broaden their skills in the areas of apparel design, production, visual merchandising presentations, fashion illustration, fabric/textile design, and garment construction. In addition, each student will continue to develop his/her professional portfolio. Upon completion of this course, students will have the skills needed to pursue post secondary training and complete coursework toward the Certificate of Apparel Design & Construction, Associate of Applied Science Degree in Fashion Merchandising, or the Associate of Applied Science Degree in Marketing. [Board Adopted 2009]</p> <p><i>Prerequisite: Apparel Design & Merchandising 1-2</i> <i>Homework: Minimal</i> <i>Degree of Difficulty: Average</i> <i>Grade Level: 10,11,12</i> <i>Course fee of \$25 is required</i></p>		
HI22 1.0 Cr.	Early Childhood Lab	VE 1 Year			
<p>This lab is designed to give "on-the-job" training to students who have fulfilled requirements of Early Childhood 1-2. Students will spend one hour each day in the Early Learning Center teaching, supervising, and using different techniques with children (May be repeated for credit) [Board Adopted 2000][Board Revised 2005] [Board Revised 2009]</p> <p><i>Prerequisites: Early Childhood 1-2</i> <i>Homework: Minimal</i> <i>Degree of Difficulty: Average</i> <i>Grade Level: 10,11,12</i> <i>Course fee of \$35 is required</i></p>					

HI24 1.0 Cr. HI25 2.0 Cr.	HERO HERO LAB HI256 & HI257 2 LABS (6th & 7th)	FE, VE 1 Year VE 1 Year	<i>Prerequisites: Building Trade 1-2, Construction Technology 1-2</i> <i>Homework: Average</i> <i>Degree of Difficulty: Average</i> <i>Grade Level: 10,11,12</i> <i>Course fee of \$30 is required</i>
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The HERO (Home Economics Related Occupations) program is a three-credit course for seniors that consists of a daily schedule of one period of classroom instruction (HI24) plus a two period lab for work experience (HI25). The class includes learning to balance work and personal life, examining the world of work, learning to be successful on the job, practical economic concepts and participation in the HERO club. Students may experience applications supporting the Arizona Academic Math Standards. On the job, students are employed in the areas of fashion, hospitality and food service, interior design, childcare, facility services, and health related fields. The teacher-coordinator and the employer supervise the work experience. HERO students work a minimum of 15 hours per week and earn wages as well as receive Economics and Vocational Education requirements needed for graduation. (This course meets state economic standards and the TUHSD economics credit requirement.) [Board Adopted 2000]

[Board Revised 2007]

Prerequisite: Teacher approval, job interest related to the field of study.

Homework: Minimal

Degree of Difficulty: Average

Grade Level: 12

Course fee of \$40 is required

HI31 1.0 Cr.	TECHNOLOGICAL STUDIES Construction Technology 1-2	VE 1 Year	HI36 1.0 Cr.	Building Trades 5-6	VE 1 Year
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An introductory course for students to explore woodworking and construction technology. Students will explore skills, materials, methods, and processes that will provide them with career awareness. The student will obtain basic working knowledge of woodworking skills and construction trade skills through hands on experience in a lab setting, with emphasis on safe use of hand tools, portable power tools, and stationary power equipment. The student will develop work place skills through career and job exploration, leadership style and techniques, construction economy, organization, oral/written communications, and mathematics related to the industry. [Board Adopted 1998][Board Revised 2004]

Prerequisites: None

Homework: Minimal

Degree of Difficulty: Average

Grade Level: 9,10,11,12

Course fee of \$30 is required

HI32 1.0 Cr.	Building Trades 1-2	VE 1 Year	HI63 1.0 Cr.	Introduction to Engineering	VE 1 Year
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An intermediate course for students with a greater interest in building trades profession. This course will include a safe hands-on and applied study of wood frame construction, masonry, concrete, tile, drywall, plumbing, water distribution and electrical. Students will perform record and management duties, demonstrate oral and written communication skills as well as apply mathematic concepts related to construction. The program will include career and job exploration, entrepreneurship, management and leadership skills. [Board Adopted 2002][Board Revised 2004]

Prerequisites: Construction Technology 1-2 teacher recommendation

Homework: Minimal

Degree of Difficulty: Average

Grade Level: 10,11,12

Course fee of \$30 is required

HI35 1.0 Cr.	Building Trades 3-4	VE 1 Year	HI65 1.0 Cr.	Industrial Cooperative Education (ICE)	FE, VE 1 Year
			HI66 I 2.0 Cr.	CE Lab	VE 1 Year

An intermediate course specifically detailing the areas of machine and power tool operations, safety and maintenance. This course will give the student a strong working and applied understanding of finish carpentry, cabinet design and production, blue print reading, cabinet and door construction and installation, interior and exterior finishing, as well as keeping accurate performance and management records. Through the use of model construction the student will begin to develop an understanding of floor, frame and roof construction. The student will further develop work place skills by means of written and oral communications, job and career exploration, work place safety, mathematics related to the industry, and leadership techniques. [Board Adopted 2002] [Board Revised 2004]

An advanced course of study designed for the student with a strong desire to pursue one or more of the Building Trades professions or occupations. Students further their individualized study to include: construction management, construction safety engineering, framing/structural design and fabrication, electrical, plumbing, masonry, concrete, cabinet design and construction, and finishing. This course can be taken concurrently with I.C.E. (Industrial Cooperative Education) to give the student on site job training in his/her area of specialty. Students signing up for this course will meet with the instructor to determine the path of study they want to pursue. Looking toward the future the student will investigate the availability of apprenticeship programs, trade schools, technical schools, universities and scholarship offering his/her choices of career and occupations. [Board Adopted 2002] [Board Revised 2004]

Prerequisites: Building Trade 1-2, Construction Technology 1-2, 3-4

Homework: Average

Degree of Difficulty: Average

Grade Level: 11,12

Course fee of \$30 is required

This class gives the student a broad exposure to engineering technologies that include robotics, alternative energies, computer programming, electronics, scientific laws and principles, design, and problem solving. The student will acquire knowledge and skills related to these concepts through project based learning. The course will prepare students for the CISCO and Mechanical Engineering courses in the Engineering Program. [Board Adopted 2009]

Prerequisites: None

Homework: Average

Degree of Difficulty: Average

Grade Level: 10, 11, 12

Course fee of \$30 is require

ICE is a training program for seniors who have demonstrated an interest in a career in Industry. The student should have sufficient skill development from previous Industrial Arts courses for initial employment. Students chosen for this program will have one period of classroom instruction plus a two-period lab for work experience. ICE students will work a minimum of 15 hours a week and will be paid while in this training and learning situation. This program is a cooperative effort between the school and the community; the student is supervised by the teacher-coordinator as well as by the employer. Students must apply and be selected before registration. The selection will be based on the student's interest in an industrial career, mechanical skills and knowledge, school attendance, and availability of a training situation for which the teacher-coordinator feels the student is adequately prepared. (This course meets state economic standards and the TUHSD free enterprise credit requirement.) [Board Revised 2003] [Board Revised 2007]

Prerequisites: None

Homework: Average

Degree of Difficulty: Average

Grade Level: 12

Course fee of \$30 is required