

Walnut High School

2008-2009



**An Integration of Academic and
Career Technical Education**



Mustang Pathways

Walnut High School 08-09

Program Overview:

The Mustang Pathways program is designed for students pursuing careers in *Digital Media & Design, Business & Technology, or Health & Human Services*. Students who successfully complete a sequence of courses in these pathways will be prepared with the foundational skills necessary for success in these demanding professions. The program provides Walnut High students integrated academic and career technical coursework in preparation for higher level education, or entrance into the work force. Through Mustang Pathways, students will receive a relevant, meaningful, and challenging high school education in preparation for that particular career focus.

Mustangs Pathway:

Sequence of Courses (25 units of study within ONE Pathway):

Digital Media & Design	<ul style="list-style-type: none"> • Computer Applications (Keyboarding) • Visual Communications • Desktop Movie-Making • Digital Photography w/Photoshop • Web Design • Video Productions 	<ul style="list-style-type: none"> • Technology Lab/Advanced Technology Lab • Mobile/Home Electronics** • CADD • Architecture • Graphic Arts/Silk-Screening ** • Publications
Business & Technology	<ul style="list-style-type: none"> • Computer Applications (Keyboarding) • Business Management & Marketing • Virtual Enterprise • Business Office Skills** • Marketing Fundamentals*** • Retail Sales* 	<ul style="list-style-type: none"> • Computer Repair** • Web Design • CADD • Architecture • AP Computer Science A/AB • AP Statistics
Health & Human Services	<ul style="list-style-type: none"> • Life Skills • Child Development/Advanced Child Development • Public Safety • Sports Medicine • Peer Counseling • ASB Leadership • Publications • Retail Sales* 	<ul style="list-style-type: none"> • Animal Science*** • Administration of Justice** • Construction** • Cosmetology*** • Emergency Medical Technician*** • Nursing Assistant** • Forensic Science** • Health Careers***

* ROP 16+

**ROP off-campus

***ROP 16+ & off-campus

NOTE: Each Mustang Pathway will prepare you for various career opportunities (see Attachment). Not all courses are offered at any given semester.

MUSTANG PATHWAYS ENTRANCE CRITERIA:

- Submit application for Mustang Pathways (see Attachment);
- Develop Four-year plan with Grade Level Coordinator;
- Enroll in Pathway electives:
 - Take at least three different courses that align with the Mustang Pathway;
 - Following course sequences (see Attachment) is highly recommended;
 - Most courses do NOT have prerequisites;
 - Minimum of 25 units within Pathway (Year long class = 10 units; Semester long class = 5 units);

MUSTANG PATHWAYS COMPLETION CRITERIA:

- Complete and submit Mustang Pathways graduation checklist by end of 1st semester of your Senior year (see Attachment):
 - Check off all requirements and get all necessary signatures;
 - Exit counseling with GLC.
- Receive graduation cord and certificate of completion.

MUSTANG PATHWAYS OUTCOMES & INCENTIVES:

- Relevant & rigorous preparation for future career or post-secondary education;
- Graduation recognition and special cord;
- Certificate of achievement;
- Possible early college credit through articulation;
- Possible Professional Certification (Apple, Microsoft, etc.);
- Possible scholarship opportunities.

MUSTANG PATHWAYS REQUIREMENTS:

- 25 units of study within a Pathway;
- Maintain 2.80 GPA in Pathway courses;
- Basic computer skills- requirement fulfilled by:
 - Computer Applications (Keyboarding), **OR**
 - Successful completion of a comparable class in middle school, **OR**
 - Passing a Basic Computer Skills competency test
- Internship/Volunteer hours (see Attachment):
 - 60 hours on-campus:
 - Spread over four years of high school;
 - Internship hours must be connected to Pathway discipline;
 - School club involvement (ex. FBLA) OR in-class T.A.
 - 10 hours off-campus:
 - Volunteering, observations/job shadowing, internship (paid or unpaid), work experience, etc.;
 - Must be connected to Pathway discipline.
- Student Portfolio:
 - Upon completion of studies, Mustang Pathway students must put together a Portfolio, which will be a compilation of a student's best work within their Pathway courses. A minimum of three evidential articles must be included and checked by the Lead Instructor. Some examples:
 - Business plan, completed Website, Video productions special project, etc.

SAMPLE COURSE SEQUENCING & STUDENT SCHEDULES

The following are POSSIBLE course sequences. Please discuss with your Grade Level Coordinator (GLC) to maximize your course work and accommodate your involvement in various co-curricular activities offered on campus.

- ❖ For students who plan on beginning their *career after high school* or *enrolling in a community college or trade college*:

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
English 9	English 10	English 11	English 12
Algebra 1	Geometry	Algebra 2 OR PATHWAY elective	PATHWAY elective
Natural Science 1	Natural Science 2 OR Biology	Chemistry OR PATHWAY elective	PATHWAY elective
SRC/Computer Apps. (Keyboarding)	World History	U.S. History	Civics/Economics
Foreign Language	Foreign Language	Foreign Language OR PATHWAY elective	PATHWAY elective
P.E.	P.E.	P.E.	OPEN

- ❖ For students who plan on earning a degree from a *four year university*:

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
English 9	English 10	English 11	English 12
Geometry	Algebra 2	Math Analysis	PATHWAY elective
Earth Science	Biology	Chemistry	PATHWAY elective
SRC/Computer Apps. (Keyboarding)	World History	U.S. History	Civics/Economics
Foreign Language	Foreign Language	Foreign Language OR PATHWAY elective	PATHWAY elective
P.E.	P.E.	P.E.	OPEN
Summer options: Civics/Economics, Math requirement, World History, U.S. History, ROP courses, etc.			

NOTE: Students enrolling in Honors or AP level coursework will have to carefully coordinate their four-year plan with their GLC to determine Mustang Pathways involvement.

Frequently Asked Questions (FAQ's):

Q: What is a career pathway?

A: According to the CA Dept. of Education, it is a coherent sequence of rigorous academic and technical courses that allow students to apply academics and develop technical skills in a curricular area.

Q: What was the motivation for forming Mustang Pathways?

A: To provide Walnut High students with a specialized study and more advanced secondary coursework related to the career in which they are interested.

Q: Is Mustang Pathways a Small Learning Community?

A: No, it is not a "school within a school" concept. Students enrolled in pathway courses are simply taking a specialized course of study while part of the larger school community. You are a Mustang; the Pathway program simply provides you a purposeful course of study.

Q: Who should be involved in Mustang Pathways?

A: Any student who has an interest or aptitude in Digital Media & Design, Business & Technology, or Health & Human Services should get involved.

Q: Is Mustang Pathways just for the IB student?

A: No, this program is for ALL students. Any student can be involved with Mustang Pathways. Whether you are planning on starting your career right out of high school, or if you're headed to a prestigious four-year university, this program is for you.

Q: Can I still be involved in athletics, marching band, drama, IB/AP, or all the other programs I'm in and still be in Mustang Pathways?

A: Yes, as long as you fulfill the Pathway requirements. If you are involved in many co-curricular activities, you may have to enroll in summer school. Please plan carefully with your GLC.

Q: Can I still take these elective courses even if I do not want to fulfill the Mustang Pathways requirements?

A: Yes. However, in order to receive a comprehensive and relevant education within a career strand, it is recommended you follow the prescribed sequence of courses.

Q: Why ROP courses? Isn't ROP just for students who don't want to go to college?

A: ROP is a distinguished educational agency that provides training for an extensive number of occupations. Many ROP courses are eligible for college credit and meet requirements for admission to the University of CA. ROP exists to help students develop the technical, academic, and interpersonal skills needed to be successful in a career that will bring personal satisfaction.

Q: What's in it for me?

A: Students will take a sequence of courses from teachers with distinguished backgrounds and professional experience in the fields of business, architecture, engineering, systems administration, etc. Also, students who complete Mustang Pathway requirements will be recognized with a certificate of achievement, graduation recognition, and possible professional certifications.

For more information, contact your GLC, or:

Mr. Danny Kim

Instructional Dean, Applied Arts & Technology

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Mustang Pathways

Possible career opportunities

Digital Media & Design	Business & Technology:	Health & Human Services:
Advertisement	Accountant	Athletic Trainer
Animator	Administrative Assistants	Biotech Sales & Marketing
Apparel- Manufacture & Design	Advertising	Child Development
Camera Operator	Architecture	Corrections
Cartoon Artist	Auditor	Counselor
Commercial Printing	Banking	Dental Services
Desktop Publisher	Bookkeeper	Education- Teacher, Administrator, Psychologist
Editor	CEO	Emergency Medical Technician
Entertainment- Director, Producer, Art Director, etc.	Certified Financial Planner	Social Services
Graphic & Multimedia Designer	CFO	Government Services- FDA, CDC, etc.
Graphics Artist	Computer Information Systems	Lab Technician
Graphic Arts Technicians	Computer Programming	Law Enforcement
Illustrator	COO	Legal Services- Paralegal, Law
Information Technology Specialist	CPA	Medical Assistant
Interior Design	Drafting	Mental Health Worker
Internet Multimedia	E-Commerce	Non-profit Organizations
Media Industry	Engineer- Civil, Electrical, Industrial, etc.	Nurse
Medical Illustration	Entrepreneur	Occupational Therapist
Mural Artist	Financial Analyst	Paramedics
Page Layout Workers	Human Resources	Pharmaceutical Sales
Photographers	Lawyer	Physical Therapist
Screen Printing	Marketing	Psychologist
Software Specialists	Network Communications	Radiologic Technology
Television Journalism	Operations Management	Retail Sales
Video Game Designers	Paralegal	Social Work
Visual Artists	Payroll Specialists	Sonography
Website Developer	Product Development	Sports Medicine
	Public Relations	
	Real Estate	
	Sales	



STUDENT NAME: _____

PARENT/GUARDIAN NAME(S): _____

ADDRESS: _____

TELEPHONE: *Home-* _____

Other- _____

E-MAIL ADDRESS: *Student-* _____

Parent(s)- _____

GRADUATING YEAR: _____

GRADE LEVEL COORDINATOR: _____

MUSTANG PATHWAY (Circle one): *Digital Media & Design*

Business & Technology

Health & Human Services

It is my intention to apply for and complete the required coursework within the Mustang Pathways program at Walnut High School. I understand the requirements expected for successful completion of a Mustang Pathway. I will take a rigorous & relevant coursework within a prescribed Pathway in order to prepare myself for the challenges of the future.

Student Signature

Date

Parent/Guardian Signature

Date

Mustang Pathway

Ideal Course Sequence 08-09

Digital Media & Design

Sequence of Courses	Course level		
	Intro	Concentration	Capstone
GRAPHIC ARTS			
Visual Communications	X		
Photoshop		X	
Graphic Arts/Silk Screening (ROP)			X
ENTERTAINMENT ART			
Video Productions	X		
Stagecraft		X	
Entertainment Academy (ROP)			X
WEB DEVELOPMENT			
Visual Communications	X		
Web Design		X	
Digital Photography w/Photoshop		X	
AP Computer Science			X
DIGITAL MEDIA			
Technology Lab	X		
Video Productions		X	
Desktop Movie-Making			X
Publications			X

Business & Technology

Sequence of Courses	Course level		
	Intro	Concentration	Capstone
BUSINESS			
Computer Applications (Keyboarding)	X		
Business Management & Marketing (ROP)		X	
Virtual Enterprise OR AP Statistics			X
COMP. PROGRAMMING			
Computer Applications (Keyboarding)	X		
Computer Programming		X	
Computer Repair		X	
AP Computer Science			X
ARCHITECTURE			
Computer Applications (Keyboarding)	X		
CADD (ROP)		X	
Architecture (ROP)			X
TECHNOLOGY (Electronics, Robotics, etc.)			
Computer Applications (Keyboarding)	X		
Technology Lab		X	
Advanced Tech Lab			X

Health & Human Services

Sequence of Courses	Course level		
	Intro	Concentration	Capstone
HEALTH SERVICES			
Life Skills	X		
Public Safety (ROP)		X	
Sports Medicine (ROP)		X	
Peer Counseling			X
Emergency Medical Technician (ROP)			X
HUMAN SERVICES			
Life Skills	X		
Child Development (ROP)		X	
Peer Counseling			X
Leadership (ASB)			X
Retail Sales (ROP)			X



Mustang Pathways

**Walnut High School
Graduation Checklist**

Student Must Check, Verify, & Complete during Senior Year
By END OF FIRST SEMSTER

Mustang Pathway (circle one): *Digital Media & Design*

Business & Technology

Health & Human Services

Completed Pathway Courses:

	<i>Courses completed:</i>	<i>Grade earned:</i>	<i>Comments:</i>
9th grade:	1)		
	2)		
	3)		
10th grade:	1)		
	2)		
	3)		
11th grade:	1)		
	2)		
	3)		
12th grade:	1)		
	2)		
	3)		
Summer session(s) coursework:	1)		
	2)		
	3)		

GPA average for Pathway courses: _____

GLC signature: _____

Portfolio contents (compilation of student work):

Project:	Lead Instructor signature:
1)	
2)	
3)	

Internship/Volunteer Hours (may use separate paper):

	<i>Type of internship (Program, club, or T.A.):</i>	<i>Hours logged:</i>	<i>Instructor/Advisor/Supervisor Signature:</i>
On-campus (60 hours total):			
	<i>Type of internship (Volunteer, observation, etc.):</i>	<i>Hours logged:</i>	<i>Signature & Contact number:</i>
Off-campus (10 hours total):			

COMPLETE, SIGN, & RETURN TO YOUR GLC

I certify that the above information is accurate and complete to the best of my knowledge. I have completed these Pathway courses and confirm that I have received a rigorous and relevant course of study in my prescribed Mustang Pathway. The foundation has been set for me to either continue my studies or receive employment in this particular career pathway.

Student Signature

Date

<u>OFFICE USE ONLY: To be completed by Instructional Dean</u>		
Pathway graduation requirements completed?:	Yes	No
Instructional Dean Signature: _____		

**MUSTANG PATHWAYS
Internship Requirement
School Club Opportunities**

DIGITAL MEDIA & DESIGN	BUSINESS & TECHNOLOGY	HEALTH & HUMAN SERVICES
Anime Club	Future Business Leaders of America (FBLA)	American Cancer Society (ACS)
Film Club	Girls League	Best Buddies
Varsity Art Club	Junior Statesmen of America (JSA)	ECGA
	Math Club	Evergreen
	Model United Nations (MUN)	Girls League
	National Honor Society	Interact Club
	Science Club	Key Club
	Youth Leadership Committee	LEO
	CSF	MORE
		Outreach
		Wish Makers

Note: Students pursuing a Mustang Pathway **MUST** fulfill an on-campus Internship requirement of 60 hours during their four years in high school. The Internship requirement can be met through involvement in a club(s) that is aligned with the Pathway that you are pursuing.

Students can also meet the on-campus Internship requirement as a Teacher's Aide. However, you **MUST** apply a learning concept from your Pathway while you assist the teacher. For example, a student in the Digital Media & Design Pathway can create a website for a teacher while enrolled as their TA.

Finally, the Internship requirement includes a 10 hour off-campus experience. This can be an observation, job-shadowing, volunteering, internship, or actual employment within the Pathway that you are pursuing. For example, a student pursuing the Health & Human Services Pathway can meet their off-campus Internship requirement by volunteering at a local hospital.