

Mountain House High School Professional Pathways Program 2014-2015

	Engineering (PLTW)	Biomedical Sciences (PLTW)	Arts, Media & Entertainment	Public & Human Services	Culinary Arts	Business	International Studies/World Languages
Related Professions	Engineering Design Professions •Architect •Structural Engineer •Surveyor •Drafter •CAD/CAM Specialist •Civil Engineer	Health Professions •Bio Engineer •Dietician •Nutritional Consultant •EMT •Nurse •Physical Therapist •Surgical Technician •Veterinarian •Physician	Media & Design Arts Professions •Fine Artist •Graphic Artist •Architect •Interior Designer •Product Designer •Web Designer •Illustrator •Writer •Fashion Designer •Cinematography •Photographer •Lighting/Sound Technician •2D/3D Character Animation Performing Arts Professions •Actor •Musician •Broadcaster •Dancer •Singer •Voice Actor •Costume Designer •Screenwriter •Conductor •Choreographer •Lighting Technician •Sound Technician Production & Managerial Arts Professions •Producer • Director •Set Designer •Sound Editor •Film Editor •Visual Effects Coordinator •Museum/Gallery Curator •Art Director •Art/Film/Music Critic	Legal & Government Professions •Attorney •Politician •City Attorney •City Manager •Non-Profit Development •Lobbyist •Advocacy Education & Child Development Professions •Preschool Director, Teacher or Aide •Home Daycare Provider •Counselor •Teacher •Psychologist Protective Services Professions •Police •Fire Fighter •FBI Agent •Social Worker •Aging & Adult Services	Food Service & Hospitality Professions •Dietician •Nutritionist •Chef •Caterer •Food Stylist •Food Service Director •Restaurant Owner •Product Development	Financial Management Professions •Accountant •Financial Planner •Economist Entrepreneurship Professions •CEO •Buyer •Franchise Owner •Entrepreneur Marketing, Sales and Service Professions •Public Relations •Marketing/Sales Manager •Real Estate Broker/Agent •Sports Marketing •Personal Recruiter/Trainer •Human Resource Management •Hospitality/Tourism Management	International Studies Professions •U.S Foreign Service •U.S. Dept. of State •Non-Profit Organization •International Trade •Human Rights Organizations
Required	Engineering 4 of any below plus 1 (*) course (5 total)	Health & Bioscience 3 of any below plus 2(*) courses (5 total)	Arts, Media, & Entertainment 4 of any below plus 1(*) course (5 total)	Public & Human Services 3 of any below plus 2 (*) course (5 total)	Culinary Arts 4 of any below plus 1 (*) course (5 total)	Business 3 of any below plus 2 (*) courses (5 total)	International Studies 3 of any below plus 2 (*) courses (5 total)
Related Courses	-Project Lead The Way (PLTW) Engineering Courses: 1) Intro to Engineering Design 2) Principles of Engineering PLTW Capstone Courses * -Art 1-2 -Drawing 1-2 -Conceptual Physics -Physics -AP Physics -AP Statistics -Calculus -AP Calculus -AP Computer Science -Economics of Business Ownership - -AP Environmental Science (ROP) -Water Pollution Control (ROP) -Alternative Renewable Energy (ROP)	Intro to Health Science 10* - Health & Society 1 (ROP)* - Senior Seminar in Health* - Medical Occupations (ROP)* - Nursing Careers (ROP)* - SportsMedicine/Athletic Trainer (ROP)* - Biology - AP Biology - Chemistry - AP Chemistry - Anatomy & Physiology - Zoology - Psychology - AP Psychology - Child Growth & Dev. - Foods 1 & 2; 101 & 102	<u>Media & Design Arts Courses</u> •Art 1 •Art 2 • Art 3* •Ceramics 1 •Ceramics 2 • Ceramics 3* •Photography 1 •Photography 2 • Photography 3* •Digital Art •Drawing 2 • AP Studio Art - Drawing* • AP Studio Art - 2-D Design* • AP Studio Art -3-D Design* • AP Art History* •Visual Communication Print Graphics (ROP) • Animation/Motion Graphics (ROP)* •Interior Design •Video Production 1 •Video Production 2 • Video Production 3* • Television Production (ROP)* •Publications/Yearbook •Journalism •English Literature •World Literature •Expository Reading/Writing •Marketing •Anatomy/Physiology •CAD and Design 1 •Creative Writing (Sem) and World Religions (Sem) <u>Performing Arts Courses</u> •Marching Band •Percussion •Concert Band • Wind Ensemble (*Jr/Sr) • Jazz Band 1 or A (*Jr/Sr) •Jazz Band 2 or B •Orchestra/Strings •Orchestra/Winds •Drama 1 •Drama 2 • Advanced Drama (*Jr/Sr) •Cosmetology •Fabrics & Fashion •Concert Choir •Treble Choir (*Jr/Sr) •Chamber Choir (*Jr/Sr) <u>Production & Managerial Arts Pathway Courses</u> All courses listed above are eligible.	<u>Education Courses</u> - Child Growth & Development* - Developmental Psychology of Children I & II (ROP)* <u>Law & Protective Services</u> - Law & Society* - Criminal Justice and Crime Scene Investigation (ROP)* - AP U.S. Government and Politics* <u>Other Eligible Courses</u> -American Sign Language (1 year) -Spanish (1 year) -Other World Language (1 year) -Chemistry -AP Statistics -Anatomy & Physiology -Health (Sem) and International Studies (Sem) OR World Religions (Sem) -Psychology -AP Psychology -Leadership/Student Government -Literature & Dynamics of Social Justice - Health & Society 1 (ROP) - Seal of Biliteracy Award*	-Chemistry -AP Chemistry -Economics of Business Ownership (ROP) -Marketing (ROP) -Art 1 -Culinary Arts -Culinary Skills - Catering * -Photography -Spanish 1-3 -French 1-3 -World Language 1-3	- Marketing (ROP)* - Economics of Business Ownership (ROP)* - Advanced Composition - Animation & Motion Graphics (ROP) - AP Computer Science - AP Macroeconomics - AP Microeconomics - AP Statistics - Art 1 - Business & Home Computing - Communications Technology - Computer Aided Drafting - Speech & Debate - Digital Art - Expository Reading and Writing - Fabrics & Fashion - Interior Design - Multimedia I or II (ROP) - Psychology or AP Psychology - Publications/Yearbook - Sports & Entertainment Marketing (ROP) - Television Production (ROP) - Visual Communications (ROP) - World Languages (1 yr.)	-AP U.S. Government & Politics -AP World History - World Language 1-3* -World Religions - World Literature -Speech & Debate -Leadership/Student Government - Seal of Biliteracy Award *
Club	Math, Robotics, Destination Imagination,	HOSA, Cultural Clubs	Art, Writers Club, Drama, Dance Team, Speech & Debate, Digital Arts, STEP, 4-H, Destination Imagination	ASL, Interact, UNICEF, Key Club, Speech &Debate, Mock Trial, Cultural Clubs, Habitat for Humanity, Human Rights Club, GLBT, Toastmasters	Catering Club, 4-H	Association of Marketing Students (DECA), Toastmasters, Speech & Debate	Cultural Clubs, ASL, Habitat for Humanity, UNICEF, Human Rights Club, Toastmasters

Completion of any Professional Pathway culminates in special recognition upon graduation and on high school transcript
Pathway Course selections compliment a College Prep High School Plan
Some courses may be taken in a community college partnership program and also earn college credit upon approval