

A decorative graphic on the left side of the slide consists of a network of thin, light green lines. These lines are arranged in a way that resembles a circuit board or a stylized tree, with many small circles at the end of the branches. The lines and circles are set against a dark green background that has a subtle gradient.

CTE COURSE OFFERINGS & PATHWAYS AT TWHS

THE WOODLANDS HIGH SCHOOL

AGRICULTURE PATHWAYS



Level 1 Courses	Level 2 Courses	Level 3 Courses	Level 4 Courses
Principles of Agriculture 9 & 10 1 Credit	Small Animal Mgt. 10-12 ½ credit AND Equine Science 10-12 ½ credit	Livestock Production 10-12 1 credit	Advance Animal Science 12 1 Credit AND/OR Veterinary Medical Applications 11-12 1 credit
	Agricultural Mechanics and Metal Tech. 10-11 1 credit	Agricultural Structures Design and Fab (Welding I) 11-12 2 credits	Agricultural Equipment Design and Fab* (Welding II) 12 2 credits
	Horticulture Science 10-12 1 credit	Floral Design 10-12 1 credit	Advanced Floral Design* 11-12 1 credit

Certification opportunity available

ARCHITECTURE



Level 1 Courses	Level 2 Courses	Level 3 Courses
Principles of Architecture (includes Interior Design) 9 1 credit	Architecture Design I 10-12 1 credit	Architecture Design II* 11-12 2 credits
	Interior Design I 10-11 1 credit	Interior Design II 11-12 2 credits

Certification opportunity available

ARTS AND A/V TECHNOLOGY AND COMMUNICATIONS PATHWAYS

Level 1 Courses	Level 2 Courses	Level 3 Courses	Level 4 Courses
Principles of Arts and A/V Technology & Communications 9 1 credit	Audio/Video Production I 10-12 1 credit	Audio/Video Production II w/ Lab 11-12 2 credits	Practicum in Audio/Video Production 12 2 credits
	Graphic Design & Illustration I 10-12 1 credit	Graphic Design & Illustration II* 11-12 1 credit	
	Animation I 10-12 1 credit	Animation II 11-12 1 credit	
	Commercial Photography I 10-12 1 credit	Commercial Photography II 11-12 1 credit	
	Fashion Design I 10-12 1 credit	Fashion Design II 11-12 1 credit	



Certification opportunity available

BUSINESS, MARKETING, AND FINANCE PATHWAYS

Level 1 Courses	Level 2 Courses	Level 3 Courses	Level 4 Courses
Principles of Business, Marketing and Finance 9-10 1 credit OR BIM I (MOS Word, Excel & PPT Certifications) 9-12 1 credit	Accounting I 10-12 1 credit	Accounting II (MOS Excel, MOS Excel Expert, and QuickBooks Certifications) 11-12 1 credit	
	BIM II (MOS Expert and Other Certifications) 10-12 1 credit	Global Business 11-12 ½ credit	Career Preparation* 12 3 credits (This course take 4 Blocks)
	Entrepreneurship (ESB Certification & Requires 30-Page Business Plan Project) 11-12 1 credit		
	Sports & Entertainment Marketing 10-12 ½ credit	Social Media Marketing 10-12 ½ credit AND/OR Advertising 11-12 ½ credit	Project Based Research 11-12 1 credit

Certification opportunity available

EDUCATION & TRAINING PATHWAY

Level 1 Courses	Level 2 Courses	Level 3 Courses	Level 4 Courses
Principles of Education and Training I 10-11 1 credit	Human Growth and Development 10-12 1 credit	Instructional Practices 11-12 2 credits	Practicum in Education and Training 12 2 credits



HEALTH SCIENCE PATHWAYS



Level 1 Courses	Level 2 Courses	Level 3 Courses	Level 4 Courses
Medical Terminology 9-12 1 credit	Principles of Health Science (OSHA Certification & First Aid, CPR & AED Certification) 10-11 1 credit	Health Science Theory (Certified Clinical Medical Assistant – CCMA Certification) 11-12 1 credit	Practicum in Health Science (Certified Patient Care Technician - CPCT Certification) 12 2 credits




HOSPITALITY & TOURISM PATHWAY

Level 1 Courses	Level 2 Courses	Level 3 Courses	Level 4 Courses
Introduction to Culinary Arts 9 1 credit	Culinary Arts (Servesafe Certification) 10-11 2 credits	Advanced Culinary Arts (Off Campus) 11-12 2 credit	Practicum in Hospitality Services (Off Campus) 12 2 credits




HUMAN SERVICES PATHWAYS

Level 1 Courses	Level 2 Courses	Level 3 Courses	Level 4 Courses
	Interpersonal Studies 10-12 ½ credit	Cosmetology I (Off Campus) 11 3 credit	Cosmetology II (Off Campus) 12 3 credit



INFORMATION TECHNOLOGY PATHWAYS

Level 1 Courses	Level 2 Courses	Level 3 Courses
Principles of Information Technology (CompTIA IT Fundamentals Certification) 9 1 credit	Web Technologies 10-12 1 credit	
	Computer Maintenance 10-12 1 credit	
	Internetworking Technologies I 11-12 1 credit	Internetworking Technologies II* 12 1 credit
AP Computer Science Principles* 9 1 credit		

Certification opportunity available



LAW ENFORCEMENT COURSE OFFERING NEW 2020-2021

Level 1 Course

Principles of Law, Public Safety,
Corrections, and Security

10-12 1 credit




STEM (SCIENCE, TECHNOLOGY, ENGINEERING AND MATH) PATHWAYS

Level 1 Courses	Level 2 Courses	Level 3 Courses	Level 4 Courses
	Engineering Design and Presentation I 10-12 1 credit	Engineering Design and Presentation II (AutoCAD Certification) 11-12 2 credits	Practicum in STEM 12 2 credits



TRANSPORTATION & LOGISTICS PATHWAYS

Level 1 Courses	Level 2 Courses	Level 3 Courses	Level 4 Courses
		Automotive Tech I (Off Campus) 11 2 credits	Automotive Tech II (Off Campus) 12 2 credits
		Collision Repair (Off Campus) 11-12 2 credits	