



The Woodlands High School

Career & Technical Education

CTE Pathways and CTE Course Offerings for 2020-2021



AGRICULTURE	Grade	Crdt.
Principles of Agriculture	9 & 10	1
Small Animal Management	10-12	1/2
Equine Science	10-12	1/2
Livestock Production	10-12	1
Advanced Animal Science	12	1
Veterinary Medical Applications*	11 & 12	1
Agricultural Mech. & Metal Tech.	10 & 11	1
Agricultural Structures Design & Fab. (Welding I)	11 & 12	2
Agricultural Equip. Design & Fab (Welding II)*	12	2
Landscape Design and Management	10-12	1/2
Horticulture Science	10-12	1
Floral Design*	10-12	1
Advanced Floral Design*	11 & 12	1

ARCHITECTURE	Grade	Crdt.
Principles of Architecture (includes Interior Design)	9	1
Architectural Design I*	10-12	1
Architectural Design II*	11 & 12	2
Interior Design I	10 & 11	1
Interior Design II*	11 & 12	2

ARTS AND AV TECHNOLOGY & COMMUNICATIONS	Grade	Crdt.
Principles of Arts and AV Technology & Communications	9	1
Audio/Video Production I	10-12	1
Audio/Video Production II with Lab	11 & 12	2
Practicum in Audio/Video Production	12	2
Graphic Design and Illustration I	10-12	1
Graphic Design and Illustration II*	11 & 12	1
Animation I	10-12	1
Animation II	11 & 12	1
Commercial Photography I	10-12	1
Commercial Photography II	11 & 12	1
Fashion Design I	10-12	1
Fashion Design II	11 & 12	1

BUSINESS, MARKETING, AND FINANCE	Grade	Crdt.
Principles of Business, Marketing, and Finance	9 & 10	1
Accounting I	10-12	1
Accounting II*(MOS Excel Certifications & QuickBooks Certification)	11 & 12	1
BIM I*(MOS - Microsoft Office Specialist Certifications)	9-12	1
BIM II*(Advance Microsoft MOS Certifications)	10-12	1
Sports & Entertainment Marketing	10-12	1/2
Social Media Marketing	10-12	1/2
Advertising	11 & 12	1/2
Entrepreneurship*(ESB Certification & Requires 30 page Bus. Plan Project)	11 & 12	1
Project Based Research	11 & 12	1

* Certification opportunity available

CAREER DEVELOPMENT	Grade	Crdt.
Career Preparation* (Takes 4 Blocks)	12	3

COMPUTER SCIENCE CTE	Grade	Crdt.
AP Computer Science Principles*	9	1
Computer Science Honors	10-12	1
AP Computer Science 1	11-12	1
Computer Science Honors 2	12	1

EDUCATION AND TRAINING	Grade	Crdt.
Principles of Education and Training	10 & 11	1
Human Growth and Development	10-12	1
Instructional Practices	11 & 12	2
Practicum in Education and Training	12	2

HEALTH SCIENCE	Grade	Crdt.
Medical Terminology	9-12	1
Principles of Health Science*(OSHA Cert- ification & First Aid, CPR & AED Certification)	10-11	1
Health Science Theory*(Certified Clinical Medical Assistant-CCMA Certification)	11 & 12	1
Practicum in Health Science*(Certified Patient Care Technician - CPCT Certif.)	12	2

HOSPITALITY & TOURISM	Grade	Crdt.
Introduction to Culinary Arts	9	1
Culinary Arts*(Servsafe Certification)	10 & 11	2
Advanced Culinary Arts (Off Campus)	11-12	2
Practicum in Hospitality Services (Off Campus)	12	2

HUMAN SERVICES	Grade	Crdt.
Interpersonal Studies	10-12	1/2
Cosmetology I (Off Campus--4 Blocks)	11	3
Cosmetology II*(Off Campus--4 Blocks)	12	3

INFORMATION TECHNOLOGY	Grade	Crdt.
Principles of Information Technology	9	1
Web Design	10-12	1
Computer Maintenance	10-12	1
Internetworking Technologies I	11 & 12	1
Internetworking Technologies II*	12	1

LAW ENFORCEMENT		
Principles of Law, Public Safety, Correc- tions, and Security	9-10	1
Law Enforcement I	10-12	1

STEM (SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH)	Grade	Crdt.
Engineering Design and Presentation I*	10-12	1
Engineering Design and Presentation II*	11 & 12	2
Practicum in STEM	12	2

TRANSPORTATION & LOGISTICS	Grade	Crdt.
Automotive Tech I (Off Campus)	11	2
Automotive Tech II (Off Campus)	12	2
Collison Repair I (Off Campus)	11	2
Collison Repair II (Off Campus)	12	2