

ELECTIVE COURSE OFFERINGS BY CAREER CLUSTER

Cluster Page 1 Updated 12/11/23	CGHS On-site at CGHS (Not all courses are active each school year.)	Butler (Grades 11-12) Butler CC – College Credit, OnSite at BCC or HS, Online, Purple font indicates Virtual Programs, Early College Academy (virtual), and H+B+U options.	Flint Hills Technical College (Grades 11-12) College Credit Online at CGHS and/or On-Site at FHTC Blue font indicates On-Site Programs, not individual courses	Edgenuity (Grades 9-12 for courses not offered at CGHS) Online at CGHS
Information Technology	<ul style="list-style-type: none"> ● Yearbook A ● Yearbook B ● Yearbook C ● Webpage Design ● Advanced Webpage Design* 	<ul style="list-style-type: none"> ● Cyber Security AAS, Cert (V, ECA, HBU) ● Software Development, AAS, Cert (V, ECA, HBU) ● Data Analytics Cert (V) ● Internetworking Management AAS (HBU) ● Pre-Computer Science AS (HBU) ● Web Development AAS (HBU) ● Microsoft Office Cert (V) ● Photoshop Fundamentals ● Illustrator Fundamentals ● Game Storyline/Character Devel ● Digital Video Production 1 ● HTML and CSS ● C++ w/ Game Programming ● COMPTIA A + Essen and Applic ● COMPTIA Network+ ● Information Tech Project Mgmt ● -Network Clients ● Microsoft Administration 1 & 2 ● -Administering Windows Server ● Principals of Information Assurance ● Virtual Computing ● COMPTIA Security+ ● Digital Forensics ● Cyber Security Analyst (CYSA+) ● Enterprise Security Management ● Adv Security Practitioner ● CCNA Internetworking Fund ● Python Prog w/ Data Science ● Java Programming ● C# 	<ul style="list-style-type: none"> ● Interactive Multimedia Design On-Site Program ● Computer Program and Design On-Site Program (Seniors only) ● Network Technology On-Site Program (Seniors only) 	<ul style="list-style-type: none"> ● Online Learning & Digital Citizenship ● Computer Applications: Office 2010 A ● Computer Applications: Office 2010 B ● Computer Science ● Game Design ● Intro to Information Technology A ● Intro to Information Technology B ● Microsoft Office Specialist

Arts, AV Tech & Communications	<ul style="list-style-type: none"> • Art 2D • Art3D • Band • Choir • Brave Voices • Drama • Acting • Speech • Yearbook A, B, C • Webpage Design • Advanced Webpage Design* 	<ul style="list-style-type: none"> • Public Speaking (Onsite, W-GE) • Mass Communications AS (HBU) • Liberal Arts • Art Appreciation • Intro to Mass Communication 	<ul style="list-style-type: none"> • Interactive Multimedia Design (IMD) Online Courses • Graphic Arts Technology On-Site Program (Seniors only) 	<ul style="list-style-type: none"> • Art History I • Intro to Art • 3D Art I - Modeling • 3D Art II - Animation • Audio Engineering
Health Sciences	<ul style="list-style-type: none"> • Anatomy & Physiology A • Anatomy & Physiology B • Strength & Conditioning • Advanced Physical Education* • Human Growth & Development • Nutrition & Wellness • Family Studies • Career Connections* 	<ul style="list-style-type: none"> • Exercise Science AS (HBU) • Certified Nurse Aide (On-Site) • Certified Medication Aide (On-Site) • Health Pro Medical Terminology 1 & 2 • Therapeutic Nutrition • Emerg Medical Tech (EMT) • General Biology • Anatomy & Physiology 1 & 2 • W-GE courses 	<ul style="list-style-type: none"> • Emergency Service Technology (EMT) Online Courses • General Biology • Anatomy & Physiology • *Microbiology • *Human Pathophysiology • Health Occupation Technology On-Site Program (Seniors only) 	<ul style="list-style-type: none"> • Foundation for Personal Wellness • Healthy Living • Lifetime Fitness • Health Science Concepts A • Health Science Concepts B • Intro to Health Sciences A • Intro to Health Science B • Medical Terminology • Nursing Assistant A • Nursing Assistant B • Pharmacy Tech. A • Pharmacy Tech. B
Agriculture, Food & Natural Resources	<ul style="list-style-type: none"> • Culinary Essentials* • Intro to Agriculture A • Intro to Agriculture B • Animal Science A • Animal Science B • Adv. Animal Science A* • Adv. Animal Science B* • Horticulture A • Horticulture B • Adv. Horticulture A* • Adv. Horticulture B* • Welding A • Welding B • Advanced Welding A* 	<ul style="list-style-type: none"> • Agriculture AS (V-many CTE - HBU) • Agribusiness AS (V-many CTE - HBU) • Principals of Animal Science • Intro to Food Science • Crop Science 	<ul style="list-style-type: none"> • Power Plant Technology (PPT) Online Courses • Power Plant Technology On-Site Program • Welding Technology On-Site Program (Seniors only) 	

	<ul style="list-style-type: none"> • Advanced Welding B* • Ag. Mechanics A • Ag. Mechanics B • Adv. Ag. Mechanics A* • Adv. Ag. Mechanics B* • Ag. Internship 			
Architecture & Construction	<ul style="list-style-type: none"> • Art 2D • Art 3D • Welding A • Welding B • Advanced Welding A* • Advanced Welding B* • Trigonometry 	<ul style="list-style-type: none"> • Construction Technology (HBU-Modified) 	<ul style="list-style-type: none"> • Construction Technology On-Site Program • Welding Technology On-Site Program (Seniors only) 	<ul style="list-style-type: none"> • Art History • 3D Art I - Modeling
Transportation	<ul style="list-style-type: none"> • Trigonometry 	<ul style="list-style-type: none"> • Automotive Technology AAS (HBU) • Diesel Technology AAS (HBU) 	<ul style="list-style-type: none"> • Automotive Technology On-Site Program 	
Engineering	<ul style="list-style-type: none"> • Engineering Design • Pre-Calculus • Trigonometry • Calculus A • Calculus B 	<ul style="list-style-type: none"> • Pre-Engineering AS (HBU) • Engineering Technology AS (HBU) • Mathematics AS (HBU) • Trigonometry • Calculus 1 	<ul style="list-style-type: none"> • Power Plant Technology (PPT) Online Courses • Computerized Machine Tool Engineering Technology On-Site Program • Industrial Engineering Technology On-Site Program 	<ul style="list-style-type: none"> • Audio Engineering
Manufacturing	<ul style="list-style-type: none"> • Trigonometry 	<ul style="list-style-type: none"> • Pre-Engineering AS (HBU) • Welding Technology AAS (HBU) 	<ul style="list-style-type: none"> • Computerized Machine Tool Engineering Technology On-Site Program • Industrial Engineering Technology On-Site Program • Welding Technology On-Site Program (Seniors only) 	

Government & Public Administration	<ul style="list-style-type: none"> • Speech • Statistics A • Statistics B • Business Law • Management & Leadership* • Civics 	<ul style="list-style-type: none"> • Political Science AA (HBU) • Any W-GE course • Sociology • Macro or Micro Economics • American Federal Government 	<ul style="list-style-type: none"> • Microeconomics 	
Education & Training	<ul style="list-style-type: none"> • Speech • Statistics A • Statistics B • Human Growth & Development • Family Studies • Career Connections* 	<ul style="list-style-type: none"> • Elementary Education AS (HBU-V) • Secondary Education AS (HBU-V) • Early Childhood Education AAS (HBU) • Any W-GE course 		<ul style="list-style-type: none"> • Psychology • Sociology
Law, Public Safety & Security	<ul style="list-style-type: none"> • Business Law • Trigonometry • Civics 	<ul style="list-style-type: none"> • Criminal Justice AA (HBU-V) • Emerg Medical Tech (EMT) • Business Law 	<ul style="list-style-type: none"> • Emergency Service Technology (EMT) Online & Hybrid Courses 	<ul style="list-style-type: none"> • Psychology • Sociology
Hospitality & Tourism	<ul style="list-style-type: none"> • Statistics A • Statistics B • Culinary Essentials • Culinary Arts I* • Baking and Pastry I* • Food Science* • Nutrition and Wellness • Career Connections* • Community Connections* 	<ul style="list-style-type: none"> • Culinary Arts AS – ECA -Butler Co. 	<ul style="list-style-type: none"> • Hospitality/Culinary Arts On-Site Program (Seniors only) 	
Finance	<ul style="list-style-type: none"> • Statistics A • Statistics B • Accounting A 	<ul style="list-style-type: none"> • Accounting AS (HBU-V) • Accounting Assistant (HBU-V) • Data Analytics Cert (V) 		<ul style="list-style-type: none"> • Personal Finance

	<ul style="list-style-type: none"> Accounting B Advanced Accounting A Advanced Accounting B Advanced Business Experiences* Consumer & Personal Finance 	<ul style="list-style-type: none"> Financial Accounting (BA130-CTE-V) Payroll Accounting (BA178-CTE-V) Managerial Accounting (BA204-CTE-V) Intro to Business (BA110-CTE-V) Business Law (BA115-CTE-V/Zoom) Personal Finance (BA112-V) 		
Business Management & Administration	<ul style="list-style-type: none"> Statistics A Statistics B Accounting A Accounting B Braves Business Business Law Management & Leadership* Adv Business Experience* 	<ul style="list-style-type: none"> Business Administration AS (HBU-V) Business Technology AAS (HBU-V) Accounting AS (HBU-V) Accounting Assistant (HBU-V) Any W-GE course Intro to Business (BA110-CTE-V) Intro to Marketing (BA140-CTE-V) Principals of Management (BA210-CTE-V) Financial Accounting (BA130-CTE-V) Payroll Accounting (BA178-CTE-V) Managerial Accounting (BA204-CTE-V) Business Law (BA115-CTE-V/Zoom) Personal Finance (BA112-V) 	<ul style="list-style-type: none"> Business Administrative Technology (BAT) Online Courses Microeconomics Business Administrative Technology On-Site Program 	<ul style="list-style-type: none"> Computer Applications: Office 2010 A Computer Applications: Office 2010 B Intro to Entrepreneurship Intro to Business A Intro to Business B
Marketing	<ul style="list-style-type: none"> Yearbook A Yearbook B Yearbook C Statistics A Statistics B Webpage Design Advanced Webpage Design* Braves Business Advanced Business Experiences* 	<ul style="list-style-type: none"> Marketing AS (HBU-V) Marketing, Management & Entrepreneurship AS (HBU-V) Any W-GE course Intro to Marketing (BA140-CTE-V) 		<ul style="list-style-type: none"> Intro to Entrepreneurship
Human Services	<ul style="list-style-type: none"> Management & Leadership* Human Growth & Development Consumer & Personal Finance Nutrition & Wellness 	<ul style="list-style-type: none"> Psychology AS (HBU) Sociology/Social Work AS (HBU) Liberal Arts AA/AS (HBU) Any W-GE course Intro to Social Work (SW102-V) Healthy Living 		<ul style="list-style-type: none"> Healthy Living Psychology Sociology Personal Finance

	<ul style="list-style-type: none"> • Family Studies • Career Connections* 			
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* Prerequisite required or instructor approval. Check the course [description guide](#) for more information.

GENERAL EDUCATION OFFERINGS FOR MANY CAREER CLUSTERS				
	<u>CGHS</u> On-site	<u>Butler</u> (Grades 11-12)	<u>Flint Hills Technical College</u> (Grades 11-12)	<u>Edgenuity</u> (Grades 9-12 for courses not offered at CGHS) Online
Page 6		College Credit Online and/or on-site	College Credit Online and/or on-site	
General	<ul style="list-style-type: none"> • Spanish I A • Spanish I B • Spanish II A* • Spanish II B* • French I A • French I B • French II A* • French II B* • World History • World Geography • Current Social Issues • Civics 	<ul style="list-style-type: none"> • English Composition 1 • English Composition 2 • General Psychology • College Algebra • Public Speaking • US History 1 • US History 2 • Calculus 1 w/ Analytic Geometry • American Federal Government • Sociology • Applied Statistics • Calc w/ Applications • Trigonometry 	<ul style="list-style-type: none"> • General Biology • Anatomy and Physiology • Microbiology • Human Pathophysiology • Microeconomics • English Composition I Review • English for Technical Professions • English Composition I • English Composition II • US History since 1877 • Principles of Math • College Algebra Review • Beginning Algebra • Intermediate Algebra • Technical Math • College Algebra • Physical Science • Introduction to Psychology 	<ul style="list-style-type: none"> • Psychology • Sociology • Career Exploration • Career Planning & Development • Online Learning & Digital Citizenship • Strategies for Academic Success • Computer Applications: Office 2010 A • Computer Applications: Office 2010 B • Intro to Entrepreneurship • ACT Test Prep • SAT Test Prep • ACCUPLACER Test Prep • Spanish I A • Spanish I B • Spanish II A
Advanced Placement Courses (through Manhattan Virtual Academy) *see course	<ul style="list-style-type: none"> • <u>AP Biology A/B</u> • <u>AP Calculus A/B</u> • <u>AP Calculus B/C</u> • <u>AP English Language A/B</u> 			

description guide pg. 6	<ul style="list-style-type: none">• <u>AP English Literature A/B</u>• <u>AP Human Geography A/B</u>• <u>AP U.S. Government</u>• <u>AP U.S. History A/B</u>		<ul style="list-style-type: none">• Introduction to Sociology• Public Speaking• Interpersonal Communications	<ul style="list-style-type: none">• Spanish II B• French I A• French I B• French II A• French II B
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