2024-2025 Birdville ISD Career and Technical Education Course Offerings

Site	Course	Level	Certification/Licensure	PEIMS #	Course #	Grade	Credit
Career Development							
HS	General Employability Skills			N1270153	G02710	9-12	1
HS	Student to Industry Connection			N1270154	G02720	11-12	1
BCTAL Dual Credit							
BCTAL	English 4 DC BCTAL				S1152D	12	1
BCTAL	Brit Lit DC BCTAL		(for 12th Graders that took English 3 their junior year)		S1162D	12	1
BCTAL	US History DC BCTAL				S4032D	11	1
BCTAL	Government DC BCTAL				S4042D	12	1
BCTAL	ENGLISH 3 DC BCTAL				S1092D		1
BCTAL	COLLEGE ALGEBRA DC TCC BCTAL				S2102D		1
BCTAL	PRECALCULUS DC BCTAL				S2202D		1
BCTAL	ECONOMICS DC TCC BCTAL				S4052D		1
BCTAL	US GOVERNMENT DC TCC BCTAL				S4042D		1
BCTAL	US HISTORY DC TCC BCTAL				S4032D		1
Business & Industry							
Agricultural Food and Natural Resources							
Agriculture Business, Leadership and Communications							
BCTAL	Principles of Agriculture, Food, and Natural Resources	1		13000200	G06051	9-12	1
HS	Professional Communications (Speech Credit)	1		13009900	G03430	09-12	1/2
BCTAL	Mathematical Applications in Agriculture Food & Natural Resources (Mathematics Credit)	2		13001000	X05121	10-12	1
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
BCTAL	Agribusiness Management and Marketing	3		13000900	G05300		1
BCTAL	Agribusiness Management and Marketing/Agricultural Laboratory and Field Experience	3		13000910	G05310		2
BCTAL	Practicum Agriculture Food and Natural Resources	4	Licensed Veterinary Technician	13002500	G05160	11-12	2
Animal Science							
BCTAL	Principles of Agriculture, Food, and Natural Resources	1		13000200	G06051	9-12	1
BCTAL	Small Animal Management	2	Feedyard Technician Cattle Care and Handling	13000400	G05900	10-12	1/2
BCTAL	Equine Science	2	Feedyard Technician Cattle Care and Handling	13000500	G05940	10-12	1/2
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
BCTAL	Livestock Production BLK	3	A.I. Technician, Animal Groomer, Animal Care	13000300	G05930	10-12	1

BCTAL	Advanced Animal Science (Science Credit)	4	A.I. Technician, Animal Groomer, Animal Care	13000700	X05920	11-12	1
BCTAL	Advanced Animal Science BLK (Science Credit)	4	A.I. Technician, Animal Groomer, Animal Care	13000700	X05925	11-12	1
BCTAL	Veterinarian Medical Applications	4	Licensed Veterinary Technician	13000600	G05151	11-12	1
BCTAL	Veterinarian Medical Applications BLK	4	Licensed Veterinary Technician	13000600	G05150	11-12	1
BCTAL	Practicum Agriculture Food and Natural Resources	4	Licensed Veterinary Technician	13002500	G05160	11-12	2
Environmental and Natural Resources							
BCTAL	Principles of Agriculture, Food, and Natural Resources	1		13000200	G06051	9-12	1
BCTAL	Wildlife, Fisheries & Ecology Management	2	Hunter Safety License	13001500	G06300	9-12	1
BCTAL	Conservation and Natural Resources Management	3		TBD	G05400	TBD	TBD
BCTAL	Practicum Agriculture Food and Natural Resources	4	Licensed Veterinary Technician	13002500	G05160	11-12	2
BCTAL	Floral Practicum Agriculture Food and Natural Resources	4	Floral Design Certification	13002500	G05910	11-12	2
BCTAL	Floral Practicum Agriculture Food and Natural Resources 2	4	Floral Design Certification	13002500	G05911	11-12	2
Plant Science							
BCTAL	Principles of Agriculture, Food, and Natural Resources	1		13000200	G06051	9-12	1
BCTAL	Greenhouse Operation and Production BLK	2	Private Pesticide Applicator License,Texas Master Gardner	13002050	G06009	10-12	1
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	
BCTAL	Floral Design (Fine Arts Credit)	3	Floral Design Certification	13001800	G06020	9-12	1
BCTAL	Floral Design BLK (Fine Arts Credit)	3	Floral Design Certification	13001800	G06021	9-12	1
BCTAL	Advanced Floral Design	4	Floral Design Certification	N1300270	G06040	10-12	1
BCTAL	Advanced Floral Design BLK	4	Floral Design Certification	N1300270	G06026	10-12	1
BCTAL	Advanced Plant & Soil Science BLK (Science Credit)	4	Lanscape Irrigation Technician License	13002100	X05910	11-12	1
BCTAL	Floral Practicum Agriculture Food and Natural Resources	4	Floral Design Certification	13002500	G05910	11-12	2
BCTAL	Floral Practicum Agriculture Food and Natural Resources 2	4	Floral Design Certification	13002500	G05911	11-12	2
Agricultural Technology and Mechanical Systems							
BCTAL	Principles of Agriculture, Food, and Natural Resources	1		13000200	G06051	9-12	1
BCTAL	Agricultural Mechanics and Metal Technologies	2	OSHA 30 Hour General Industry	13002210	G05180	11-12	2
BCTAL	Practicum Agricultural Mechanics	3	OSHA 30 Hour General Industry	13002500	G05210	11-12	2
Architecture and Construction							
Carpentry							
BCTAL	Principles Construction/Construction Technology	1 & 2	OSHA 30 hour, NCCER Core Curriculum, Welding, Electrical Apprentice	13004220 13005100	G0671A/B	9-12	3
BCTAL	Construction Technology 2 (2 Period)	3	OSHA 30 hour, NCCER Core Curriculum, Welding, Electrical Apprentice	13005255	G06620	10-12	2
BCTAL	Construction Technology 2	3	OSHA 30 hour, NCCER Core Curriculum, Welding, Electrical Apprentice	13005255	G06720	10-12	3
BCTAL	Practicum in Construction Technology 3 (2 Period)	4	OSHA 30 hour, NCCER Core Curriculum, Welding, Electrical Apprentice	13005250	G06630	11-12	2

BCTAL	Practicum in Construction Technology 3	4	OSHA 30 hour, NCCER Core Curriculum, Welding, Electrical Apprentice	13005265	G06730	11-12	3
BCTAL	Practicum in Construction Technology 4	4	OSHA 30 hour, NCCER Core Curriculum, Welding, Electrical Apprentice	13006205	G06740	12	3
BCTAL	Practicum Construction Management (WBL)	4	OSHA 30 hour, NCCER Core Curriculum, Welding, Electrical Apprentice	13006205	G06750	12	3

Architectural Drafting and Design

BCTAL	Principles Construction	1	OSHA 30 hour, NCCER Core Curriculum, Welding, Electrical Apprentice	13004220	G0671A	9-12	1
HS	Interior Design	2	Pre-Professional Certification in Interior Design Fundamentals, Interior Design Fundamentals	13004300	G09200	10-11	1
HS	Advanced Interior Design	3	Pre-Professional Certification in Interior Design Fundamentals, Interior Desig	13004400	G09300	10-12	1
BCTAL	Practicum in Construction Technology 3 (2 Period)	4	OSHA 30 hour, NCCER Core Curriculum, Welding, Electrical Apprentice	13005250	G06630	11-12	2
BCTAL	Practicum in Construction Technology 3	4	OSHA 30 hour, NCCER Core Curriculum, Welding, Electrical Apprentice	13005265	G06730	11-12	3

Arts, Audio Visual Technology and Communications

Digital Communications

HS	Professional Communications (Speech Credit)	1		13009900	G03430	09-12	1/2
BCTAL	Audio Video Production 1*	2	Logic Pro, Adobe Certified Associate Premier Pro	13008510	TBD	9-10	1
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
BCTAL	Audio Video Production 1*	2	Logic Pro, Adobe Certified Associate Premier Pro	13008510	G03400	10-12	2
BCTAL	Advanced Audio Video Production 2*	3	Logic Pro, Adobe Certified Associate	13008610	X03300	11-12	2
BCTAL	Practicum Video Production 3*	4	Logic Pro, Adobe Certified Associate	13008700	G03350	12	2
BCTAL	E Sports (Practicum in Entrepreneurship)	4		N1303425	G24410	10-12	2

Graphic Design and Interactive Media

HS	Digital Media *	1	Adobe	13027800	G28400	10-12	1
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
HS	Commercial Photography *	2	Adobe Certified Associate	13009100	G13500	9-12	1
HS	Digital Media *	1	Adobe	13027800	G28400	10-12	1
HS	Graphic Design & Illustration *	2	Adobe Certified Associate	13008800	G28500	9-12	1
HS	Graphic Design & Illustration 2*	3	Adobe Certified Associate	13008900	G28600	10-12	1
BCTAL	Game Programming & Design/Video Game Design 1*	2 & 1	Unity Certified User	03580380/ 13009970	G0760A/B	10-12	2
BCTAL	Game Design 2/3 Video Game Programming/Advanced Video Game Programming	2 & 3		N1300994/ N1300995	G07700/G07800	11-12	2
BCTAL	Practicum in Digital Audio Technology (3rd Year Game Design)	4		N1300996	G07900	11-12	2
HS	Digital Art & Animation * (Fine Arts Credit)	3	Adobe Certified Associate	3580500	G28700	09-12	1

HS	Digital Modeling & Animation 2* (Fine Arts Credit)	3	Adobe Certified Associate	3580510	G28800	10-12	1
HS	Fashion Design	2		13009300	G18710	10-12	1
HS	Fashion Design 2	3		12701500	G18720	10-12	1

Graphic Design and Interactive Media/Yearbook

HS	JRN Principles Arts A/V & Communications *	1	Adobe Certified Associate	13008200	G12800	9-12	1
HS	Commercial Photography *	2	Adobe Certified Associate	13009100	G13500	9-12	1
HS	Yearbook Graphic Design & Illustration *	2	Adobe Certified Associate	13008800	G12900	10-12	1
HS	Yearbook 2 Graphic Design & Illustration 2 *	3	Adobe Certified Associate	13008900	G13000	11-12	1
HS	Yearbook 3 Practicum Graphic Design & Illustration	4	Adobe Certified Associate	13009000	G13100	12	2
HS	Newspaper 1 Printing and Imaging Technology *	2	Adobe Certified Associate	13009600	G13200	10-12	1
HS	Newspaper 2 Printing and Imaging Technology 2 *	3	Adobe Certified Associate	13009700	G13300	11-12	1
HS	Newspaper 3 Practicum Printing and Imaging Technology	4	Adobe Certified Associate	13009800	G13400	12	2

Business Marketing, and Finance

Accounting and Financial Services

HS	Principles of Business, Marketing and Finance	1	Entrepreneurship and Small Business	13011200	G24700	9-10	1
HS	Business Information Management 1 *	1	Microsoft Office Specialist, Adobe	13011400	G25300	9-10	1
BCTAL	Accounting 1 Dual Credit	2	Microsoft Office Specialist- Excel	13016700	X20620	11-12	1
BCTAL	Accounting 2 Dual Credit	3	Microsoft Office Specialist- Excel	13016300	X20710	11-12	1
HS	Financial Mathematics (Mathematics Credit)	2		13018000	X20510	10-12	1
BCTAL	Practicum Business Management 1*	4	Microsoft Office Specialist, Adobe	13012205	G25620	11-12	3
BCTAL	Practicum Business Management 2*	4	Microsoft Office Specialist, Adobe	13012215	G25630	12	3
BCTAL	E Sports (Practicum in Entrepreneurship)	4		N1303425	G24410	10-12	2

Business Management

HS	Principles of Business, Marketing and Finance	1	Entrepreneurship and Small Business	13011200	G24700	9-10	1
HS	Business Information Management 1 *	1	Microsoft Office Specialist, Adobe	13011400	G25300	9-10	1
BCTAL	Virtual Business	2	Entrepreneurship and Small Business	1301200	G21400	10-12	.5
BCTAL	Business Law	2		13011700	G21100	11-12	1
HS	Business Information Management 2*	2	Microsoft Office Specialist, Adobe	13011500	G25400	10-12	1
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
BCTAL	Global Business	3	Entrepreneurship and Small Business	13011800	G21300	10-12	.5
HS	Statistics and Business Decision Making BLK (Mathematics Credit)	4		13016900	X20500	10-12	1
BCTAL	Practicum Business Management 1*	4	Microsoft Office Specialist, Adobe	13012205	G25620	11-12	3
BCTAL	Practicum Business Management 2*	4	Microsoft Office Specialist, Adobe	13012215	G25630	12	3

BCTAL	E Sports (Practicum in Entrepreneurship)	4			N1303425	G24410	10-12	2

Entrepreneurship

HS	Principles of Business, Marketing and Finance	1	Entrepreneurship and Small Business	13011200	G24700	9-10	1
HS	Business Information Management 1 *	1	Microsoft Office Specialist, Adobe	13011400	G25300	9-10	1
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
HS	Statistics and Business Decision Making BLK (Mathematics Credit)	4		13016900	X20500	10-12	1
BCTAL	Practicum Business Management 1*	4	Microsoft Office Specialist, Adobe	13012205	G25620	11-12	3
BCTAL	Practicum Business Management 2*	4	Microsoft Office Specialist, Adobe	13012215	G25630	12	3
BCTAL	E Sports (Practicum in Entrepreneurship)	4		N1303425	G24410	10-12	2
HS	Practicum in Marketing	4	Entrepreneurship and Small Business	13034805	G24810	11-12	3
HS	Practicum in Marketing 2	4	Entrepreneurship and Small Business	13034815	G24910	12	3

Marketing and Sales

HS	Principles of Business, Marketing and Finance	1	Entrepreneurship and Small Business	13011200	G24700	9-10	1
HS	Digital Media *	1	Adobe	13027800	G28400	10-12	1
HS	Sports & Entertainment Marketing	2	Entrepreneurship and Small Business	13034600	G24600	9-12	1/2
HS	Fashion Marketing	2	Entrepreneurship and Small Business	13034300	G09150	9-12	1/2
BCTAL	Virtual Business	2	Entrepreneurship and Small Business	1301200	G21400	10-12	.5
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
BCTAL	Introduction to Event and Meeting Planning	3		N1302269	G25000		1
BCTAL	Fundamentals of Real Estate	3	Real Estate	N1391120	G24920	12	2
HS	Advertising	3	Entrepreneurship and Small Business	13034200	G24200	9-12	1/2
HS	Social Media	3	Entrepreneurship and Small Business	13034650	G24710	9-12	1/2
HS	Statistics and Business Decision Making BLK (Mathematics Credit)	4		13016900	X20500	10-12	1
HS	Practicum in Marketing	4	Entrepreneurship and Small Business	13034805	G24810	11-12	3
HS	Practicum in Marketing 2	4	Entrepreneurship and Small Business	13034815	G24910	12	3
BCTAL	E Sports (Practicum in Entrepreneurship)	4		N1303425	G24410	10-12	2

Real Estate

HS	Principles of Business, Marketing and Finance	1	Entrepreneurship and Small Business	13011200	G24700	9-10	1
HS	Professional Communications (Speech Credit)	1		13009900	G03430	09-12	1/2
HS	Interior Design	2	Pre-Professional Certification in Interior Design Fundamentals, Interior Design Fundamentals	13004300	G09200	10-11	1
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1

BCTAL	Business Law	2			13011700	G21100	11-12	1
HS	Financial Mathematics (Mathematics Credit)	2			13018000	X20510	10-12	1
BCTAL	Fundamentals of Real Estate	3	Real Estate		N1391120	G24920	12	2
BCTAL	Practicum Business Management 1*	4	Microsoft Office Specialist, Adobe		13012205	G25620	11-12	3
BCTAL	Practicum Business Management 2*	4	Microsoft Office Specialist, Adobe		13012215	G25630	12	3
BCTAL	E Sports (Practicum in Entrepreneurship)	4			N1303425	G24410	10-12	2

Hospitality and Tourism

Culinary Arts

BCTAL	Introduction Culinary/Culinary Arts 1	1 & 2	ServSafe Food Handler, ServSafe Manager, Food Handlers & Food Managers, Pro Start, Certified Fundamentals Cook, Certified Fundamentals Pastry Cook	13022550 13022600	G0351A/B	10-12	3
BCTAL	Culinary Arts 2 (Advanced Culinary Arts)	3	ServSafe Food Handler, ServSafe Manager, Food Handlers & Food Managers, Pro Start, Certified Fundamentals Cook, Certified Fundamentals Pastry Cook	13022650	G03520	11-12	2
BCTAL	Culinary Arts 3 (Practicum in Culinary Arts)	4	ServSafe Food Handler, ServSafe Manager, Food Handlers & Food Managers, Pro Start, Certified Fundamentals Cook, Certified Fundamentals Pastry Cook	13022710	G03530	11-12	2
BCTAL	WBLCulinary Arts (Extended Practicum)	4	ServSafe Food Handler, ServSafe Manager, Food Handlers & Food Managers, Pro Start, Certified Fundamentals Cook, Certified Fundamentals Pastry Cook	13022705	G03540	11-12	3
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
BCTAL	Introduction to Event and Meeting Planning	3		N1302269	G25000		1

Lodging and Resort Management

HS	Principles of Business, Marketing and Finance	1	Entrepreneurship and Small Business	13011200	G24700	9-10	1
BCTAL	Hotel Management BLK	2	Certified Hospitality & Tourism Mgmt. Professional, Hospitality Management - Food & Beverage, Hospitality Mgmt. - Lodging Travel & Tourism, Travel & Tourism	13022300	G25070	10-12	1
BCTAL	Restaurant Travel & Tourism Management BLK	2	ServSafe Food Handler, ServSafe Manager, Food Handlers & Food Managers, Pro Start, Certified Fundamentals Cook, Certified Fundamentals Pastry Cook	13022500	G25080	10-12	1
BCTAL	Tourism Marketing Concepts and Applications	3		N1302270	G25010		1
BCTAL	Travel and Tourism Hospitality Services	3	Certified Hospitality & Tourism Mgmt. Professional, Sabre, Hospitality Management - Food & Beverage, Hospitality Mgmt. - Lodging Travel & Tourism, Travel & Tourism	13022800	G25050	10-12	2
BCTAL	Practicum in Hospitality Services	4	Certified Hospitality & Tourism Mgmt. Professional, Sabre, Hospitality Management - Food & Beverage, Hospitality Mgmt. - Lodging Travel & Tourism, Travel & Tourism	13022900	G25060	12	2

Travel, Tourism and Attractions

BCTAL	Introduction Culinary	1	ServSafe Food Handler, ServSafe Manager, Food Handlers & Food Managers, Pro Start, Certified Fundamentals Cook, Certified Fundamentals Pastry Cook	13022550	G0351A	10-12	3

BCTAL	Hotel Management BLK	2	Certified Hospitality & Tourism Mgmt. Professional, Hospitality Management - Food & Beverage, Hospitality Mgmt. - Lodging Travel & Tourism, Travel & Tourism	13022300	G25070	10-12	1
BCTAL	Restaurant Travel & Tourism Management BLK	2	ServSafe Food Handler, ServSafe Manager, Food Handlers & Food Managers, Pro Start, Certified Fundamentals Cook, Certified Fundamentals Pastry Cook	13022500	G25080	10-12	1
HS	Sports & Entertainment Marketing	2	Entrepreneurship and Small Business	13034600	G24600	9-12	1/2
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
BCTAL	Global Business	3	Entrepreneurship and Small Business	13011800	G21300	10-12	.5
BCTAL	Tourism Marketing Concepts and Applications	3		N1302270	G25010		1
BCTAL	Travel and Tourism Hospitality Services	3	Certified Hospitality & Tourism Mgmt. Professional, Sabre, Hospitality Management - Food & Beverage, Hospitality Mgmt. - Lodging Travel & Tourism, Travel & Tourism	13022800	G25050	10-12	2
BCTAL	Practicum in Hospitality Services	4	Certified Hospitality & Tourism Mgmt. Professional, Sabre, Hospitality Management - Food & Beverage, Hospitality Mgmt. - Lodging Travel & Tourism, Travel & Tourism	13022900	G25060	12	2
HS	Food Science (Science Credit)	4	Pre-Professional Certification in Food Science Fundamentals	13023000	X03800	11-12	1

Information Technology

Information Technology Support and Services

HS	Principles of Information Technology * (semester course)	1	Microsoft Office Specialist	13027200	G09900	9-12	1
BCTAL	CISCO 1 *	2	CCNA-Cisco Certified Network Associate, CCENT- Cisco Certified Entry Networking Technician	N1302803	X25910	10-12	2
BCTAL	CISCO 2 *	3	CCNA-Cisco Certified Network Associate, CCENT- Cisco Certified Entry Networking Technician	N1302804	X25920	10-12	2
BCTAL	Computer Maintenance *	2	IT Essentials, CompTIA A+, Adobe	13027310	G28110	11-12	2
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
BCTAL	Computer Technician Practicum*	4	IT Essentials, CompTIA A+, Adobe	13027500	G28200	12	2
BCTAL	E Sports (Practicum in Entrepreneurship)	4		N1303425	G24410	10-12	2

Networking Systems

HS	Principles of Information Technology * (semester course)	1	Microsoft Office Specialist	13027200	G09900	9-12	1
BCTAL	CISCO 1 *	2	CCNA-Cisco Certified Network Associate, CCENT- Cisco Certified Entry Networking Technician	N1302803	X25910	10-12	2
BCTAL	Computer Maintenance *	2	IT Essentials, CompTIA A+, Adobe	13027310	G28110	11-12	2
HS	AP Computer Science Principles (PLTW) *	2		A3580300	X00150	9-12	1
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
HS	Computer Science AP (Mathematics Credit & LOTE) *	3		A3580110 & A3580120	X0030L/X0030M	10-12	2
BCTAL	CISCO 2 *	3	CCNA-Cisco Certified Network Associate, CCENT- Cisco Certified Entry Networking Technician	N1302804	X25920	10-12	2

BCTAL	E Sports (Practicum in Entrepreneurship)	4		N1303425	G24410	10-12	2

Programming and Software Development

HS	Principles of Information Technology * (semester course)	1	Microsoft Office Specialist	13027200	G09900	9-12	1
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
HS	AP Computer Science Principles (PLTW) *	2		A3580300	X00150	9-12	1
HS	Computer Science AP (Mathematics Credit & LOTE) *	3		A3580110 & A3580100	X0030L/X0030M	10-12	2
BCTAL	Game Programming & Design/Video Game Design 1*	2	Unity Certified User	03580380/ 13009970	G0760A/B	10-12	2
BCTAL	E Sports (Practicum in Entrepreneurship)	4		N1303425	G24410	10-12	2
BCTAL	Practicum Video Production 3*	4	Logic Pro, Adobe Certified Associate	13008700	G03350	12	2
BCTAL	Rocket Engineering 1, Scientific Research & Design (Semester 1-Science Credit) Applied Mathematics for Technical Professionals (Semester 2-Mathematics Credit)	4	OSHA 10hr, Tripoli Rocketry Level 1	13037200/ 12701410	X0462A/B	10-12	2
BCTAL	Robotics 3 (Practicum in Science, Technology, Engineering & Mathematics	4		13037400	G04760	11-12	2

Web Development

HS	Principles of Information Technology * (semester course)	1	Microsoft Office Specialist	13027200	G09900	9-12	1
HS	Digital Media *	1	Adobe	13027800	G28400	10-12	1
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
HS	Web Design	3		03580820	G25900	10-12	1
BCTAL	E Sports (Practicum in Entrepreneurship)	4		N1303425	G24410	10-12	2

Manufacturing

Electronics Technology

MS	Principles of Manufacturing *	1		13032200	G19900		1
MS	Principles of Applied Engineering	1		N1303756	M05001		1
BCTAL	AC/DC Electronics (Proposed Course)	2		13036800	TBD	10-12	1
BCTAL	Solid State Electronics (Proposed Course)	3		13036900	TBD	11-12	1
BCTAL	Digital Electronics (PLTW)* (Mathematics Credit)	3		13037600	X04890 (Weighted)	10-12	1
BCTAL	Rocket Engineering 1 Applied Mathematics for Technical Professionals (Semester 2-Mathematics Credit)	4	OSHA 10hr, Tripoli Rocketry Level 1	13037200/ 12701410	X0462B	10-12	1
BCTAL	Drone Systems Practicum Manufacturing	4	FAA Part 107	1303300	G04670	11-12	2

Robotics and Automation Technology

MS	Principles of Manufacturing *	1		13032200	G19900		1

MS	Principles of Applied Engineering	1		N1303756	M05001		1
BCTAL	CIM/Robotics 1 *	2	OSHA 10hr	N1303748 13037000	X0474B	10-12	2
BCTAL	Robotics 2/Eng Tech* (Mathematics Credit S1)	3 & 2		13037050/ 13032900	X0475A/B	11-12	2
BCTAL	Robotics 3 (Practicum in Science, Technology, Engineering & Mathematics	4		13037400	G04760	11-12	2
BCTAL	Drone Systems Practicum Manufacturing	4	FAA Part 107	1303300	G04670	11-12	2

Transportation, Distribution & Logistics

Automotive and Collision Repair

BCTAL	Principles of Transportation Systems BLK	1	S/P2 Automotive Service Shop Safety, S/P2 Automotive Service Pollution Prevention	13039250	G19050	9-12	1
BCTAL	Auto Basics/Automotive Technology	2 & 3	ASE Automotive Service Technician, OSHA	13039550 13039600	G1910A/B	10-12	3
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
BCTAL	Energy, Power,& Transportation Systems BLK	3	S/P2 Automotive Service Shop Safety, S/P2 Automotive Service Pollution Prevention	13039300	G19000	9-12	1
BCTAL	Automotive Technology 2 (Automotive Service Advanced)	4	ASE Automotive Service Technician, OSHA	13039710	G19200	10-12	3
BCTAL	Advanced Automotive Technology 3 (Practicum/Extended in Transportation)	4	ASE Automotive Service Technician, OSHA	13040455	G19300	12	3
BCTAL	WBL Auto Technology (Practicum/Extended in Transportation 2)	4	ASE Automotive Service Technician, OSHA	13040465	G19350	11-12	3

Aviation Maintenance

BCTAL	Principles of Transportation Systems BLK	1	S/P2 Automotive Service Shop Safety, S/P2 Automotive Service Pollution Prevention	13039250	G19050	9-12	1
TCC	Advanced Aircraft Airframe Technology Dual Credit	3	FAA Aviation Maintenance Technician	13039410	X06500	11-12	3
TCC	Advanced Aircraft Powerplant Technology Dual Credit	4	FAA Aviation Maintenance Technician	13039510	X06600	11-12	3

Public Services

Education and Training

Teaching and Training

HS	Principles of Education and Training	1	Teaching as a Profession I, II, III	13014200	G04400	9-12	1
HS	Principles of Human Services	1	Family & Community Services, Pre-Professional Certification in Broad Field Family & Consumer Sciences,Pre-Professional Certification in Broad Field Family & Consumer Services	13024200	G04300	9-10	1
HS	Human Growth and Development	2	Child Development Associate	13014300	G04500	10-12	1
HS	Child Development		Child Development Associate	13024700	G04210	10-12	1
HS	Instructional Practice in Education and Training	3	Education Aide 1	13014400	G04150	11-12	2
HS	Practicum in Education and Training	4	Education Aide 1	13014500	G04180	12	2

HS	Extended Practicum in Education and Training	4	Education Aide 1	13014505	G04190	12	3

Health Science

Exercise Science, Wellness, and Restoration

HS	Principles of Health Science (Meets Health Graduation Requirement)	1		13020200	G26450	9-11	1
BCTAL	Principles of Health Science BLK (Meets Health Graduation Requirement)	1		13020200	G26451	9-12	1
BCTAL	Principles of Health Science (Meets Health Graduation Requirement)			13020200	G26460	9-12	1
HS	Lifetime Nutrition and Wellness (Meets Health Graduation Requirement)	2	Pre-Professional Certification in Nutrition, Food & Wellness	13024500	G03900	9-12	1/2
HS	Medical Terminology	2		13020300	G23900	9-12	1
BCTAL	Medical Terminology BLK	2			G23901	9-12	1
BCTAL	Medical Terminology	2			G23910	9-12	1
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
HS	Interpersonal Studies	2	Family & Community Services, Pre-Professional Certification in Leadership Essentials	13024400	G04250	9-12	1/2
HS	Sports Med (Principles of Exercise Science and Wellness (Meets Health Graduation Requirement)	1		N1302107	G26720	9-12	1
HS	Sports Med 2 Kinesiology (Meets Health Graduation Requirement)	2		N1302104	G26730	10-12	1
HS	Sports Med 3 Practicum in Health Science	4		13020500	G26740	11-12	2
HS	Sports Med 4 Practicum in Health Science 2nd Time Taken	4		13020510	G26750	11-12	2
BCTAL	Anatomy and Physiology/Pre-AP (Science Credit)	3		13020600	X04910	10-12	1
HS	Anatomy and Physiology/Pre-AP (Science Credit)	3		13020600	X04900	10-12	1

Diagnostic and Therapeutic Studies

HS	Principles of Health Science (Meets Health Graduation Requirement)	1		13020200	G26450	9-11	1
BCTAL	Principles of Health Science BLK (Meets Health Graduation Requirement)	1		13020200	G26451	9-12	1
BCTAL	Principles of Health Science (Meets Health Graduation Requirement)	1		13020200	G26460	9-12	1
BCTAL	Medical Terminology BLK	2			G23901	9-12	1
BCTAL	Medical Terminology	2			G23910	9-12	1
HS	Medical Terminology	2		13020300	G23900	9-12	1
BCTAL	Medical Microbiology BLK (Science Credit)	3		13020700	X27901	11-12	1
BCTAL	Anatomy and Physiology/Pre-AP (Science Credit)	3		13020600	X04910	10-12	1
HS	Anatomy and Physiology/Pre-AP (Science Credit)	3		13020600	X04900	10-12	1
BCTAL	Electrocardiogram and Phlebotomy Technician (Practicum Health Science 2)	4	EKG Technician, Phlebotomy	13020510	G26800	12	2
BCTAL	Pharmacology / Practicum Health Science	4	Pharmacy Technician	13020510	G26710	11-12	2

BCTAL	Pharmacology Clinical / Extended Practicum Health Science	4	Pharmacy Technician	13020515	G2670A/B	11-12	3
BCTAL	Pathophysiology BLK (Science Credit)	4		13020800	X27903	11-12	1
BCTAL	Health Science Theory Clinical Rotations 1 (Meets Health Grad Requirement)	3	CPR, Blood Borne Pathogen, HIPPA, Infection Control	13020410	G26510	11-12	2
BCTAL	Clinical Rotations 2 Practicum (Meets Health Graduation Requirement)	4	CPR, Patient Care Technician, EKQ Tech, Phlebotomy	13021230	G26520	12	2

Nursing Science

HS	Principles of Health Science (Meets Health Graduation Requirement)	1		13020200	G26450	9-11	1
BCTAL	Principles of Health Science BLK (Meets Health Graduation Requirement)	1			G26451	9-12	1
BCTAL	Principles of Health Science (Meets Health Graduation Requirement)	1			G26460	9-12	1
HS	Medical Terminology	2		13020300	G23900	9-12	1
BCTAL	Medical Terminology BLK	2			G23901	9-12	1
BCTAL	Medical Terminology	2			G23910	9-12	1
BCTAL	Anatomy and Physiology/Pre-AP (Science Credit)	3		13020600	X04910	10-12	1
HS	Anatomy and Physiology/Pre-AP (Science Credit)	3		13020600	X04900	10-12	1
BCTAL	Medical Microbiology BLK (Science Credit)	3		13020700	X27901	11-12	1
BCTAL	Clinical Rotations 1/Health Science Theory (Meets Health Grad Requirement)	3	CPR, Blood Borne Pathogen, HIPPA, Infection Control	13020410	G26510	11-12	2
BCTAL	Clinical Rotations 2/Practicum in Nursing (Meets Health Graduation Requirement)	4	CPR, Patient Care Technician, EKQ Tech, Phlebotomy	13021230	G26520	12	2
BCTAL	Electrocardiogram and Phlebotomy Technician Practicum	4	EKG Technician, Phlebotomy	13020510	G26800	12	2
BCTAL	Emergency Medical Technician (EMT) (Meets Health Graduation Requirement)	4	Emergency Medical Technician	13020500	G26900	12	2
BCTAL	Pathophysiology BLK (Science Credit)	4		13020800	X27903	11-12	1

Health Informatics

HS	Principles of Health Science (Meets Health Graduation Requirement)	1		13020200	G26450	9-11	1
BCTAL	Principles of Health Science BLK (Meets Health Graduation Requirement)	1			G26451	9-12	1
BCTAL	Principles of Health Science (Meets Health Graduation Requirement)	1			G26460	9-12	1
HS	Business Information Management 1 *	1	Microsoft Office Specialist, Adobe	13011400	G25300	9-10	1
HS	Medical Terminology	2		13020300	G23900	9-12	1
BCTAL	Medical Terminology BLK	2			G23901	9-12	1
BCTAL	Medical Administrative Assistant (Health Informatics)	3		13020960	G26470	11-12	1
BCTAL	Clinical Rotations 1/Health Science Theory (Meets Health Grad Requirement)	3	CPR, Blood Borne Pathogen, HIPPA, Infection Control	13020410	G26510	11-12	2
BCTAL	Emergency Medical Technician (EMT) (Meets Health Graduation Requirement)	4	Emergency Medical Technician	13020500	G26900	12	2
BCTAL	Electrocardiogram and Phlebotomy Technician Practicum	4	EKG Technician, Phlebotomy	13020510	G26800	12	2

BCTAL	Pharmacology / Practicum Health Science	4	Pharmacy Technician	13020510	G26710	11-12	2
BCTAL	Pharmacology Clinical / Extended Practicum Health Science	4	Pharmacy Technician	13020515	G2670A/B	11-12	3

Human Services

Cosmetology and Personal Care Services

HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
BCTAL	Intro Cosmetology/Cosmetology 1	2 & 3	OSHA 10 - Cosmetology	13025100 13025200	G1370A/B	11	3
BCTAL	Cosmetology 2	4	Cosmetology Operator License	13025310	G13800	12	3

Family and Community Services

HS	Principles of Human Services	1	Family & Community Services, Pre-Professional Certification in Broad Field Family & Consumer Sciences,Pre-Professional Certification in Broad Field Family & Consumer Services	13024200	G04300	9-10	1
HS	Professional Communications (Speech Credit)	1		13009900	G03430	09-12	1/2
HS	Dollars and Sense	1	Personal Financial Literacy, Pre-Professional Certification in Personal & Family Finance	13024300	G04350	10-12	1/2
HS	Human Growth and Development	2	Child Development Associate	13014300	G04500	10-12	1
HS	Lifetime Nutrition and Wellness (Meets Health Graduation Requirement)	2	Pre-Professional Certification in Nutrition, Food & Wellness	13024500	G03900	9-12	1/2
HS	Interpersonal Studies	2	Family & Community Services, Pre-Professional Certification in Leadership Essentials	13024400	G04250	9-12	1/2
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
HS	Child Development	2	Child Development Associate	13024700	G04210	10-12	1
HS	Counseling & Mental Health	3	Family & Community Services	13024600	G24000	10-12	1

Health and Wellness

HS	Principles of Human Services	1	Family & Community Services, Pre-Professional Certification in Broad Field Family & Consumer Sciences,Pre-Professional Certification in Broad Field Family & Consumer Services	13024200	G04300	9-10	1
HS	Dollars and Sense	1	Personal Financial Literacy, Pre-Professional Certification in Personal & Family Finance	13024300	G04350	10-12	1/2
HS	Child Development	2	Child Development Associate	13024700	G04210	10-12	1
HS	Human Growth and Development	2	Child Development Associate	13014300	G04500	10-12	1
HS	Lifetime Nutrition and Wellness (Meets Health Graduation Requirement)	2	Pre-Professional Certification in Nutrition, Food & Wellness	13024500	G03900	9-12	1/2
HS	Interpersonal Studies	2	Family & Community Services, Pre-Professional Certification in Leadership Essentials	13024400	G04250	9-12	1/2
HS	Entrepreneurship	2	Entrepreneurship and Small Business	13034400	G24400	11-12	1
HS	Counseling & Mental Health	3	Family & Community Services	13024600	G24000	10-12	1

HS	Food Science (Science Credit)	4	Pre-Professional Certification in Food Science Fundamentals	13023000	X03800	11-12	1

Law and Public Services

Fire Science

BCTAL	Principles of Law, Public Safety, Corrections & Security	1	Criminal Justice, Introduction to Community Emergency Response Teams	13029200	G25200	9-12	1
BCTAL	Firefighter 1	3	Basic Structure Fire Protection (Texas Commission on Fire Protection)	13029900	G02400	11	2
BCTAL	Anatomy and Physiology/Pre-AP (Science Credit)	3		13020600	X04910	10-12	1
HS	Anatomy and Physiology/Pre-AP (Science Credit)	3		13020600	X04900	10-12	1
HS	Counseling & Mental Health	3	Family & Community Services	13024600	G24000	10-12	1
BCTAL	Firefighter 2 Dual Credit S2	4	Basic Structure Fire Protection (Texas Commission on Fire Protection), Emergency Medical Technician Basic	13030000	G0250A/B	12	3

Law Enforcement

BCTAL	Principles of Law, Public Safety, Corrections & Security	1	Criminal Justice, Introduction to Community Emergency Response Teams	13029200	G25200	9-12	1
BCTAL	Law Enforcement 1 BLK	2	CERT, Foundations of Courtroom Testimony, Municipal Jailer, Effective Communication & Interviewing, Report Writing & Documentation, Criminal	13029300	G02200	10-12	1
BCTAL	Criminal Investigations BLK	2	CERT, Foundations of Courtroom Testimony, Municipal Jailer, Effective Communication & Interviewing, Report Writing & Documentation, Criminal Justice, Law Enforcement	13029550	G02210	10-12	1
HS	Counseling & Mental Health	3	Family & Community Services	13024600	G24000	10-12	1
BCTAL	Law Enforcement 2 BLK	3	Non-Commissioned Security Officer Level II, CERT, Foundations of Courtroom Testimony, Municipal Jailer, Effective Communication & Interviewing, Report Writing & Documentation, Criminal Justice, Law	13029400	G02300	10-12	1
HS	Forensic Science	4	Foundations of Courtroom Testimony, Effective Communication & Interviewing, Report Writing & Documentation	13029500	X02000	12	1
BCTAL	LPSCS Practicum (911 Dispatch)	4	International Academy of Emergency Dispatch Emergency Telecommunicator	13030100	G02100	11-12	2

Legal Studies

BCTAL	Principles of Law, Public Safety, Corrections & Security	1	Criminal Justice, Introduction to Community Emergency Response Teams	13029200	G25200	9-12	1
BCTAL	Court Systems and Practices BLK	2	Foundations of Courtroom Testimony, Effective Communication & Interviewing, Report Writing & Documentation	13029600	G25100	10-12	1
BCTAL	Business Law	2		13011700	G21100	11-12	1
BCTAL	LPSCS Practicum (911 Dispatch)	4	International Academy of Emergency Dispatch Emergency Telecommunicator	13030100	G02100	11-12	2
HS	Forensic Science	4	Foundations of Courtroom Testimony, Effective Communication & Interviewing, Report Writing & Documentation	13029500	X02000	12	1

STEM (Science, Technology, Engineering and Mathematics)

Engineering

Drone (Unmanned Vehicle)

BCTAL	Introduction to Aerospace and Aviation	1		N1304672	G04690	9-10	1
BCTAL	Drone Aerospace Systems (Intro to Unmanned Aerial Vehicles) (PLTW S2)*	2	FAA Part 107	N1304670/ N1303745	X0469A/B (Weighted)	10-12	2
BCTAL	CIM Robotics 1 (PLTW S1)*	2	OSHA 10hr	N1303748/ 13037000	X0474A/B (Weighted)	10-12	2
BCTAL	Engineering Science (PLTW) * (Science Credit)	3	OSHA 10hr	13037500	X04880 (Weighted)	10-12	1
BCTAL	Digital Electronics (PLTW)* (Mathematics Credit)	3		13037600	X04890 (Weighted)	10-12	1
BCTAL	Robotics 2/Eng Tech* (Mathematics Credit S1)	3 & 2		13037050/ 13032900	X0475A/B	11-12	2
BCTAL	Drone Systems Practicum Manufacturing	4	FAA Part 107	1303300	G04670	11-12	2
BCTAL	Rocket Engineering 1, Scientific Research & Design (Semester 1-Science Credit) Applied Mathematics for Technical	4	OSHA 10hr, Tripoli Rocketry Level 1	13037200/ 12701410	X0462A/B	10-12	2

Engineering Foundations

BCTAL	Principles of Technology (Physics Credit)	1			X05200	10-12	1
MS	Principles of Applied Engineering	1		N1303756	M05001		1
HS	Introduction to Engineering Design (PLTW) *	1	Autodesk Inventor	N1303742	X04870 Weighted)	9-12	1
BCTAL	CIM Robotics 1 (PLTW S1)*	3 & 2	OSHA 10hr	N1303748/ 13037000	X0474A/B (Weighted)	10-12	2
BCTAL	Robotics 2/Eng Tech* (Mathematics Credit S1)	3		13037050/ 13032900	X0475A/B	11-12	2
BCTAL	Engineering Mathematics (Mathematics Credit)	3	Autodesk Fusion 360	13036700	X04700	11-12	1
BCTAL	Engineering Science (PLTW) * (Science Credit)	3	OSHA 10hr	13037500	X04880 (Weighted)	10-12	1
BCTAL	Digital Electronics (PLTW)* (Mathematics Credit)			13037600	X04890 (Weighted)	10-12	1
BCTAL	Drone Aerospace Systems (Aerospace Engineering) (PLTW S2)*	3	FAA Part 107	N1304670/ N1303745	X0469A/B (Weighted)	10-12	2
HS	Civil Engineering & Architecture (PLTW)	3	Autodesk Revit	N1303747	X04850 (Weighted)	10-12	1
BCTAL	Rocket Engineering 1, Scientific Research & Design (Semester 1-Science Credit) Applied Mathematics for Technical Professionals (Semester 2-Mathematics Credit)	4	OSHA 10hr, Tripoli Rocketry Level 1	13037200/ 12701410	X0462A/B	10-12	2
BCTAL	Rocket Engineering 2, Engineering Design & Problem Solving (Science Credit)	4	Autodesk Fusion 360	13037300/ 13037220	X0464A/B	11-12	2
BCTAL	Rocket Engineering 3 (Practicum in Science, Technology, Engineering & Mathematics)	4		13037400	G04660		
BCTAL	Robotics 3 (Practicum in Science, Technology, Engineering & Mathematics)	4		13037400	G04760	11-12	2

Mechanical and Aerospace Engineering

MS	Principles of Applied Engineering	1		N1303756	M05001		1
BCTAL	Principles of Technology (Physics Credit)	1			X05200	10-12	1
BCTAL	Introduction to Aerospace and Aviation	1		N1304672	G04690	9-10	1
HS	Introduction to Engineering Design (PLTW) *	1	Autodesk Inventor	N1303742	X04870 Weighted)	9-12	1
HS	Civil Engineering & Architecture (PLTW)		Autodesk Revit	N1303747	X04850 (Weighted)	10-12	1
BCTAL	Engineering Mathematics (Mathematics Credit)	3	Autodesk Fusion 360	13036700	X04700	11-12	1
BCTAL	Engineering Science (PLTW) * (Science Credit)	3	OSHA 10hr	13037500	X04880 (Weighted)	10-12	1
BCTAL	Drone Aerospace Systems (PLTW S2)*		FAA Part 107	N1304670/ N1303745	X0469A/B (Weighted)	10-12	2
BCTAL	Drone Systems Practicum Manufacturing	4	FAA Part 107	1303300	G04670	11-12	2
BCTAL	Rocket Engineering 1, Scientific Research & Design (Semester 1-Science Credit) Applied Mathematics for Technical Professionals (Semester 2-Mathematics Credit)	4	OSHA 10hr, Tripoli Rocketry Level 1	13037200/ 12701410	X0462A/B	10-12	2
BCTAL	Rocket Engineering 2, Engineering Design & Problem Solving (Science Credit)	4	Autodesk Fusion 360	13037300/ 13037220	X0464A/B	11-12	2
BCTAL	Rocket Engineering 3, Practicum STEM	4		13037400	G04660	11-12	2
BCTAL	Robotics 3 (Practicum in Science, Technology, Engineering & Mathematics	4		13037400	G04760	11-12	2

Middle Schools

MS	College and Careers Proj Based Research (Semester Course)			N1270153	M03000		1
MS	Investigating Careers			12700300	M86100		
MS	Professional Communications (Speech Credit)			13009900	M03430		
MS	Lifetime Nutrition and Wellness (Health Graduation Requirement)			13024500	M03900		
MS	Principles of Manufacturing *			13032200	G19900		1
MS	Principles of Applied Engineering			N1303756	M05001		1
MS	Touch System Data Entry			13011300	M89200		1/2

Key:

Endorsement
Career Cluster
Program of Study

New Course/Change

*Meets Technology Requirment