

Birdville ISD Career and Technology Courses 2020-2021					
Site	CTE Course	Certification/Licensure	Course #	Grade	Credit
Business & Industry					
Agricultural Food and Natural Resources- Andrea Anderson (Ext. 5431)					
BCTAL	Principles of Agriculture, Food, and Natural Resources A/B		X0605A/B & G0605A/B	9-12	1
BCTAL	Principles of Agriculture, Food, and Natural Resources BLK		X06050BLK		
BCTAL	Wildlife, Fisheries & Ecology Management	Hunter Safety License	X0630A/B & G0630A/B	9-12	1
BCTAL	Livestock Production BLK	A.I. Technician, Animal Groomer, Animal Care	X05930 & G05930	10-12	1
BCTAL	Equine Science		X05940 & G05940	10-12	1/2
BCTAL	Small Animal Management		X05900 & G05900	10-12	1/2
BCTAL	Advanced Animal Science (Science Credit)	A.I. Technician, Animal Groomer, Animal Care	X0592A/B	11-12	1
BCTAL	Advanced Animal Science BLK (Science Credit)	A.I. Technician, Animal Groomer, Animal Care	X05925	11-12	1
BCTAL	Floral Design (Fine Arts Credit)	Floral Design Certification	X0602A/B & G0602A/B	9-12	1
BCTAL	Floral Design BLK (Fine Arts Credit)	Floral Design Certification	X06021 & G06021	9-12	1
BCTAL	Advanced Floral Design	Floral Design Certification	X0604A/B & G0604A/B	11-12	1
BCTAL	Advanced Floral Design BLK	Floral Design Certification	X06026 & G06026	11-12	1
BCTAL	Horticultural Science I BLK	Private Pesticide Applicator License, Texas Master Gardener	X06008 & G06008	10-12	1
BCTAL	Greenhouse Operation and Production BLK	Private Pesticide Applicator License, Texas Master Gardener	X06009 & G06009	10-12	1
BCTAL	Advanced Plant & Soil Science BLK (Science Credit)		X05910	11-12	1
BCTAL	Veterinarian Medical Applications	Veterinarian Technician	X0515A/B & G0515A/B	11-12	1
BCTAL	Practicum Agriculture Food and Natural Resources	Veterinarian Technician	X0516A/B & G0516A/B	11-12	2
BCTAL	Mathematical Applications in Agriculture Food & Natural Resources (Mathematics Credit)		X0512A/B	10-12	1
BCTAL	Mathematical Applications in Agriculture Food & Natural Res BLK (Mathematics Credit)		X05120	10-12	1
BCTAL	Agricultural Mechanics and Metal Technologies		X0518A/B & G0518A/B	11-12	2
Architecture and Construction- Elizabeth Clayton (Ext. 3818)					
BCTAL	Construction Technology	OSHA, NCCER, Welding, Electrical Apprentice	X0671A/B & G0671A/B	9-12	2

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BCTAL	Construction Technology 2	OSHA, NCCER, Welding, Electrical Apprentice	X0672A/B & G0672A/B	10-12	2
BCTAL	Practicum in Construction Technology 3	OSHA, NCCER, Welding, Electrical Apprentice	X0673A/B & G0673A/B	11-12	2
BCTAL	Practicum in Construction Technology 4	OSHA, NCCER, Welding, Electrical Apprentice	X0674A/B & G0674A/B	12	2
Transportation, Distribution & Logistics- Elizabeth Clayton (Ext. 3818)					
BCTAL	Energy, Power, & Transportation Systems BLK	SP2 Safety & Pollution Certification	X19000 & G19000	9-12	1
BCTAL	Principles of Transportation Systems BLK	SP2 Safety & Pollution Certification	X19050 & G19050	9-12	1
BCTAL	Automotive Technology		X1910A/B & G1910A/B	10-12	2
BCTAL	Automotive Technology 2	ASE Automotive Service Technician	X1920A/B & G1920A/B	10-12	3
BCTAL	Advanced Automotive Technology 3 (Practicum/Extended in Transportation)	ASE Automotive Service Technician	X1925A/B & G1925A/B	12	3
Arts, Audio Visual Technology and Communication- Jacob Hildebrand (Ext. 5798)					
BCTAL	Audio Video Production 1*	Logic Pro, Photoshop, After Effects	X0340A/B & G0340A/B	10-12	2
BCTAL	Advanced Video Production 2* Dual Credit	Logic Pro, Photoshop, After Effects	X0330A/B	11-12	2
BCTAL	Practicum Video Production 3*	Logic Pro, Photoshop, After Effects	X0335A/B & G0335A/B	12	2
BCTAL	Advanced Audio Production 2*	Logic Pro, Photoshop, After Effects	X0345A/B & G0345A/B	10-12	2
BCTAL	Practicum Audio Production 3*	Logic Pro, Photoshop, After Effects	X0347A/B & G0347A/B	11-12	2
Hospitality and Tourism- Elizabeth Clayton (Ext. 3818)					
BCTAL	Culinary Arts 1	Serve Safe, Food Handlers	X0351A/B & G0351A/B	10-12	2
BCTAL	Culinary Arts 2	Serve Safe, Food Handlers	X0352A/B & G0352A/B	11-12	2
BCTAL	Culinary Arts 3	Serve Safe, Food Handlers	X0353A/B & G0353A/B	11-12	2
BCTAL	WBL Culinary Arts (Extended Practicum)	Serve Safe, Food Handlers	X0354A/B & G0354A/B	11-12	3
BCTAL	Hotel Management BLK	Serve Safe, Food Handlers	X25070 & G25070	10-12	1
BCTAL	Restaurant/Culinary BLK	Serve Safe, Food Handlers	X25080 & G25080	10-12	1
BCTAL	Travel and Tourism Management/Prin Hospitality & Tourism	Sabre	X2505A/B & G2505A/B	10-12	2
BCTAL	Practicum in Hospitality Services	Sabre	X2506A/B & G2506A/B	12	2
Business Management and Administration- Andrea Anderson (Ext. 5431)					
BCTAL	Practicum Business Management 1*	Microsoft Office Specialist, Adobe	X2562A/B & G2562A/B	11-12	3
BCTAL	Practicum Business Management 2*	Microsoft Office Specialist, Adobe	X2563A/B & G2563A/B	12	3
BCTAL	Global Business		X21300 & G21300	10-12	.5
BCTAL	Virtual Business		X21400 & G21400	10-12	.5

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BCTAL	Business Law		X2110A/B G2110A/B	11-12	1
BCTAL	Business English		X2120A/B	12	1
Finance- Andrea Anderson (Ext. 5431)					
BCTAL	Accounting 1 / Accounting 2 Dual Credit		X20620/X20710	11-12	2
Information Technology- Jacob Hildebrand (Ext. 5798)					
BCTAL	Computer Programming/Video Game Design 1*		X0760A/B & G0760A/B	10-12	2
BCTAL	Game Design 2/3		X07700/X07800 & G07700/G07800	11-12	2
BCTAL	CISCO Internetworking Cybersecurity 1 *	CCNA-Cisco Certified Network Associate, CCENT- Cisco Certified Entry Networking Technician	X2591A/B & G2591A/B	10-12	2
BCTAL	CISCO Internetworking 2 *	CCNA-Cisco Certified Network Associate, CCENT- Cisco Certified Entry Networking Technician	X2592A/B & G2592A/B	10-12	2
BCTAL	Computer Maintenance *	IT Essentials, CompTIA A+, Adobe	X2811A/B & G2811A/B	11-12	2
BCTAL	Computer Technician *	IT Essentials, CompTIA A+, Adobe	X2820A/B & G2820A/B	12	2
Public Services					
Human Services- Elizabeth Clayton (Ext. 3818)					
BCTAL	Cosmetology 1	Nail Technician, Shampoo Technician, Nylynn Cosmetics & Facial Certification, Advanced Chemical Peel Certification	X1370A/B & G1370A/B	11	3
BCTAL	Cosmetology 2	Cosmetology Operator License	X1380A/B & G1380A/B	12	3
Law, Public Safety, Corrections, and Security- Elizabeth Clayton (Ext. 3818)					
BCTAL	Court Systems and Practices BLK		X25100 & G25100	10-12	1
BCTAL	Law Enforcement 1 BLK		X02200 & G02200	10-12	1
BCTAL	Criminal Investigations BLK		X02210 & G02210	10-12	1
BCTAL	Law Enforcement 2 BLK		X02300 & G02300	10-12	1
BCTAL	Law Enforcement 2 / Correctional Services (Law Enforcement 2 is BLK only)		X0230A/B	11-12	2
BCTAL	LPSCS Practicum (911 Dispatch)		X0210A/B & G0210A/B	11-12	2
BCTAL	Forensic Science		X0200A/B	12	1
BCTAL	Forensic Science BLK		X02050	12	1
BCTAL	Firefighter 1		X0240A/B & G0240A/B	11	2

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BCTAL	Firefighter 2		X0250A/B & G0250A/B	12	3
Health Science-Jacob Hildebrand (Ext. 5798)					
BCTAL	Principles of Health Science BLK (Meets Health Graduation Requirement)		X26451 & G26451	9-12	1
BCTAL	Principles of Health Science (Meets Health Graduation Requirement)		X2646A/B & G2646A/B	9-12	1
BCTAL	Medical Terminology BLK		X23901 & G23901	9-12	1
BCTAL	Medical Terminology		X2391A/B & G2391A/B	9-12	1
BCTAL	Medical Administrative Assistant (Health Informatics)		X2647A/B & G2647A/B	11-12	1
BCTAL	Clinical Rotations 1 (Meets Health Grad Requirement)	CPR, Patient Care Technician	X2651A/B & G2651A/B	11-12	2
BCTAL	Clinical Rotations 2 (Meets Health Graduation Requirement)	CPR, Patient Care Technician	X2652A/B & G2652A/B	12	2
BCTAL	Electrocardiogram and Phlebotomy Technician Practicum	EKG Phlebotomy	X2680A/B & G2680A/B	12	2
BCTAL	Pharmacology	Pharmacy Technician	X2671A/B & G2671A/B	11-12	2
BCTAL	Pharmacology Clinical	Pharmacy Technician	X2670A/B & G2670A/B	11-12	3
BCTAL	Emergency Medical Technician (EMT) Continuing Education TCC	Emergency Medical Technician	X2690A/B & G2690A/B	12	2
BCTAL	Anatomy and Physiology/Pre-AP (Science Credit)		X0491A/B	10-12	1
BCTAL	Medical Microbiology BLK (Science Credit)		X27901	11-12	1
BCTAL	Pathophysiology BLK (Science Credit)		X27903	11-12	1
STEM (Science, Technology, Engineering and Mathematics)					
Science, Engineering & Technology- Jacob Hildebrand (Ext. 5)					
BCTAL	Principles of Technology (Physics Credit)		X0520A/B	10-12	1
BCTAL	Engineering Mathematics (Mathematics Credit)		X0471A/B	11-12	1
BCTAL	Engineering Science (PLTW) * (Science Credit)		X0478A/B & X0488A/B (Weighted)	10-12	1
BCTAL	Digital Electronics (PLTW)* (Mathematics Credit)		X0479A/B & X0489A/B (Weighted)	10-12	1
BCTAL	Aerospace Engineering (PLTW)* (Aerospace is with drone class)		X0481A/B & X0484A/B (Weighted)	10-12	1
BCTAL	Aerospace Engineering BLK (PLTW)* (Aerospace is with drone class)		X04810 & X04809 (Weighted)	10-12	1
BCTAL	Drone Aerospace Systems (PLTW S2)*		X0468A/B & X0469A/B (Weighted)	10-12	2
BCTAL	Engineering Design and Development BLK PLTW		X04787	11-12	1
BCTAL	Rocket Engineering 1, Scientific Research & Design (Science Credit)		X0462A/B	10-12	2

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BCTAL	Rocket Engineering 2, Engineering Design & Problem Solving (Science Credit)		X0464A/B	11-12	2
BCTAL	CIM Robotics 1 (PLTW S1)*		X0474A/B X0494A/B (Weighted)	10-12	2
BCTAL	Robotics 2* (Mathematics Credit)		X0475A/B	11-12	2
BCTAL	Robotics 3 (Practicum in Science, Technology, Engineering & Mathematics)		X0476A/B	11-12	2

*Meets Technology Requirement

BCTAL-Birdville Center of Technology and Advanced Learning

HHS-Haltom High School

RHS-Richland High School

HS-High School

MS-Middle School