

PATHWAYS TO ENDORSEMENTS

CTE Pathways

CTE Cluster	Year 1	Year 2	Year 3	Year 4	Certification	Endorsement	Eligibility
AGRICULTURE, FOOD, AND NATURAL RESOURCES	Prin Ag (1)	Livestock Prod (1)	Vet Med (1) AFN 8107 A/B	Practicum of Ag (Vet Med) (2) AFN 107A/B	Cert Vet Asst	Bus & Industry	IB CP or DP
			Equine (.5) AFN8106F/ Small (.5) AFN 8105S	Adv Animal Sci (1) AFN 8108A/B	Licensed Breeder		
		Floral Design (1) AFN 8122A/B	Lands (.5) AFN8123F /Turf Grass Mg (.5) AFN 9123S	Practicum of Ag (Floral) (2) AFN 107A/B	BENZ Tx Floral Dn L1 Lands Irrig Tech	Bus & Industry	IB CP or DP
STEM (Engineering)	Prin App Eng (1)	EngDP1 (1)	Robotics (1)	EngDP2 (2)	Auto Desk	STEM	IB CP or DP
	Fund Comp Sci (1) TAC 6110 A/B			Practicum (2) STE520A/B			
HOSPITALITY & TOURISM	Prin of Hosp & Tour (1)	Hotel Mg (1) HTO 8903A/B	Travel & Tourism (1) HTO 8905 A/B	Hosp Services (2) HTO 8914 A/B	OSHA 30	Bus & Industry	IB CP or DP
		Intro Culinary (1)	Culinary Arts (2)	Pract Culinary Arts (2) HTO 9121 A/B	Serve Safe: Food Handler Food Manager		
BUSINESS MANAGEMENT & ADMINISTRATION	Principles of Business, Marketing & Finance (1)	Bus Info Mg 1	Business Management 8413 A/B	Virtual Bus (.5)8412F/ Hum Res Mg (.5) 8411S Practicum in Business Mg (2) BMA 8415A/B	Microsoft Office Quickbooks	Multidisciplinary	IB CP or DP
FINANCE		Money Matters 8601 A/B	Accounting 1	Accounting 2	QuickBooks	Bus & Industry	
IB BUSINESS MAGNET		Bus Info Mg 1 PIB Comp Sci 6111	Year 1 IB Bus IB Eco IB Comp Sci	Year 2 IB Bus IB Eco IB Comp Sci	Microsoft Office	Multidisciplinary	IB DP only
HUMAN SERVICES	Prin of Human Services (1)	Ch Development (2) HUS 9010A/B	Family & Community Services HUS 9013 A/B	Life Nut & Well (.5) HUS 9004F /Inter Studies (.5) HUS 9004S		Multidisciplinary	IB CP or DP
				Child Guidance (2) HUS 9012A/B	Child Development Associate	Bus & Industry	
ARTS AUDIO VISUAL TECHNOLOGY & COMMUNICATION	Principles of Arts Audio Visual Technology & Communication (1)	A/V Prod 1	A/V Prod 2	Animation 1	Certified TV Op	Bus & Industry	IB CP or DP
		Graphic Design & Illustration 1	Graphic Design & Illustration 2	Commercial Photography 1	Adobe Certified Associate	Bus & Industry	IB CP or DP
COMPUTER SCIENCE (satisfies magnet req)	Fund Comp Sci (1) TAC 6110 A/B	Comp Sci PDP	IB Comp Sci Year 1	IB Comp Sci Year 2	Java	Bus & Industry or STEM	IB DP only
MATH & SCIENCE <i>Alg2, Chem, & Physics</i>	Algebra 2	Chemistry	Physics	Science SL	YEAR 5 2 nd Science SL Science HL	STEM	IB DP only
JROTC	JROTC 1	JROTC 2	JROTC 3	JROTC 4		Public Service	IB CP or DP
LOTE, FINE ARTS, SOCIAL STUDIES	LOTE 1 Fine Arts 1 Geography	LOTE 2 Fine Arts 2 W History	LOTE 3 Fine Arts 3 US History	LOTE 4 Fine Arts 4 Gov/Eco & a 5 th Social Studies		Arts & Humanities	IB CP or DP
4X4 includes Chem or Phys & Eng 4	4x4 = E,M,S & SS	4x4 = E,M,S & SS	4x4 = E,M,S & SS	4x4 = E,M,S & SS		Multidisciplinary	IB DP only

Please note: Rev. 4.15.19. Information is subject to change. Any change to a student's pathway will be communicated to parents.

★ Students may shift from Culinary to Hotel between years 2 and 3.