

CTE PROGRAMS OF STUDY – 4-year plan

Students are required to finalize their chosen pathway by the end of their sophomore year to ensure its completion by their senior year.

Endorsement & CTE Pathway	Year 1	Year 2	Year 3	Year 4
Business & Industry DIGITAL COMMUNICATIONS	Principles of Arts, Audio Video, Technology, & Communications (8 th gr)	A/V Production 1 IBC: Certified Professional in Digital Video Using Adobe Premier Pro	A/V Production 2 IBC: Certified Professional in Digital Video Using Adobe Premier Pro	Practicum of Entrepreneurship A/V (2 periods)
Business & Industry MARKETING & SALES	-Principles of BMF (8 th gr) -Sports & Entertainment Marketing 1 & 2	Entrepreneurship IBC: Entrepreneurship & Small Business	-Fashion Marketing/Social Media/Advertising IBC: Facebook Digital Marketing Certification	Practicum of Entrepreneurship (2 periods)
Business & Industry BUSINESS MANAGEMENT	-Principles of BMF (8 th gr) or -BIM I	-BIM I -Entrepreneurship IBC: Entrepreneurship & Small Business	-BIM II IBC: Microsoft Specialist -Entrepreneurship IBC: Entrepreneurship & Small Business	Practicum in Entrepreneurship (2 periods)
Business & Industry CARPENTRY	Principles of Construction	Construction Technology 1	Construction Technology 2 (2 per.) IBC: HBI Pre-Apprenticeship Certificate Training (PACT), Core	Practicum in Construction Technology (2 periods)
Business & Industry AVIATION PILOTS	Principles of Transportation Systems	Principles of Unmanned Aerial Vehicle (UAV) IBC: FAA Part 107 Remote Drone Pilot	Practicum of Transportation Systems 1 (2 periods) Tango Flight	Practicum of Transportation Systems 2 (2 periods) Tango Flight
Business & Industry MARITIME		Maritime Science I	Maritime Science II	Practicum of Transportation Systems 1 (2 periods) IBC: Certified Logistics Technician
Business & Industry AUTOMOTIVE & COLLISION REPAIR		Principles of Transportation Systems (9 th or 10 th grade)	DC Automotive Tech1: Maintenance & Light Repair (3 periods)	DC Automotive Tech2: Automotive Services/Practicum in Transportation Systems (3 periods) IBC: 16 hours toward Level 1 Certificate
Business & Industry WELDING OR ELECTRICAL		Welding I (2 periods) IBC: NCCER CORE	Welding II or Electrical I (2 periods)	Welding III (Prac in Manufacturing) or Electrical II (2 periods)
Public Service COSMETOLOGY		DC Cosmetology I (3 periods)	-DC Cosmetology II (3 periods) -DC Cosmetology (Summer- 11th gr. only if beginning year 1)	DC Cosmetology III (3 periods) IBC: Cosmetology Operator License (Summer exam)
Public Service DIAGNOSTIC & THERAPEUTIC SERVICES	Principles of Health Science	Health Science Theory	-Practicum (EKG/Phlebotomy) (2 per.) -Anatomy & Physiology IBC- Certified Phlebotomy Technician and Certified EKG Technician	Practicum (CMA/PCT) (2 per.) IBC: Certified Clinical Medical Assistant and Certified Patient Care Technician
Public Service EXERCISE SCIENCE, WELLNESS, & RESTORATION	Principles of Exercise Science	Kinesiology I	Kinesiology II	-Practicum in Entrepreneurship (2 per.) IBC- Certified Personal Trainer -Anatomy & Physiology
Public Service LAW ENFORCEMENT	Principles of Law Enforcement	Law Enforcement I	Law Enforcement II	-Practicum of Law (2 periods) IBC-Non-Commissioned Security Officer level 2 License -Forensic Science
STEM PROGRAMMING & SOFTWARE DEVELOPMENT	Computer Science I IBC- Code HS Level 1 Certification	Advanced Computer Science	AP Computer Science	Computer Science III
STEM PROGRAMMING & SOFTWARE DEVELOPMENT	Principles of Information Technology	Computer Science I IBC- Code HS Level 1 Certification	Advanced Computer Science	AP Computer Science
ENDORSEMENTS– (NON-CTE)- No IBC's earned				
ARTS & HUMANITIES FINE ARTS	BAND, ART, CHOIR, THEATRE, DANCE	BAND, ART, CHOIR, THEATRE, DANCE	BAND, ART, CHOIR, THEATRE, DANCE	BAND, ART, CHOIR, THEATRE, DANCE
ARTS & HUMANITIES LOTE	LOTE 1	LOTE 2	LOTE 3	LOTE 4
ARTS & HUMANITIES SOCIAL STUDIES	SOCIAL STUDIES	SOCIAL STUDIES	SOCIAL STUDIES	-SOCIAL STUDIES -SOCIAL STUDIES
BUSINESS & INDUSTRY JOURNALISM	JOURNALISM	YEARBOOK OR NEWSPAPER	YEARBOOK OR NEWSPAPER	YEARBOOK OR NEWSPAPER
MULTI-DISCIPLINARY 4X4, AP/DC	4 CORE TO INCLUDE: CHEMISTRY OR PHYSICS & ENGLISH 4			
PUBLIC SERVICE NJROTC	ROTC 1	ROTC 2	ROTC 3	ROTC 4
STEM MATH OR SCIENCE		CHEMISTRY (REQUIRED)	-PHYSICS (REQUIRED) -ALGEBRA 2 (REQUIRED)	5 CREDITS IN MATH OR 5 CREDITS IN SCIENCE