

INDUSTRY SECTOR	PATHWAYS	YEAR 1	YEAR 2	YEAR 3	YEAR 4	Certifications	Leadership
ENGINEERING & ARCHITECTURE	ENGINEERING DESIGN	ONE SEMESTER OF INTRO TO ENGINEERING DESIGN AND ONE SEMESTER OF EXPLORING COMPUTER SCIENCE PRINCIPLES	COMPUTER-AIDED DRAFTING (CAD) 2A/2B *A-G (G) **ARTICULATED - NORCO	DESIGN MANUFACTURING TECHNOLOGY 1A/1B OR MANUFACTURING & PROTOTYPING 1A/1B *A-G	DESIGN MANUFACTURING TECHNOLOGY 2A/2B		SKILLS USA
HEALTH SCIENCES & MEDICAL TECHNOLOGY	BIOTECHNOLOGY	MEDICAL BIOLOGY *A-G (D)	MEDICAL CHEMISTRY *A-G (D)	PATHOLOGY & RELATED PRINCIPLES *A-G (D) OR MEDICAL ANATOMY & PHYSIOLOGY *A-G (D)	INFECTIOUS DISEASE & RELATED PRINCIPLES OF BIOTECHNOLOGY *A-G (D)		HOSA - Future Health Professionals
INFORMATION & COMMUNICATION TECHNOLOGIES	SYSTEM PROGRAMMING	ONE SEMESTER OF INTRO TO ENGINEERING DESIGN AND ONE SEMESTER OF EXPLORING COMPUTER SCIENCE PRINCIPLES	AP COMPUTER SCIENCE PRINCIPLES 1A/1B *A-G (D)	AP COMPUTER SCIENCE A/B *A-G (C)	TECH INTERN		Future Business Leaders of America - FBLA
MANUFACTURING & PRODUCT DEVELOPMENT	PRODUCT INNOVATION AND DESIGN	ONE SEMESTER OF INTRO TO ENGINEERING DESIGN AND ONE SEMESTER OF EXPLORING COMPUTER SCIENCE PRINCIPLES	MECHATRONIX 1A/1B *A-G (G)	MECHATRONIX 2A/2B *A-G (D)	YOUTH APPRENTICESHIP OR INTERNSHIP *A-G (G)	AUTOCAD AUTODESK 360 SNAP ON PRECISION TOOLS	SKILLS USA

NOTE: ESTEM CTE PATHWAYS ARE OPEN TO ALL ERHS STUDENTS. PRIORITY IS GIVEN TO ESTEM STUDENTS.