

PATHWAYS

A guide to help you get on the right track!!



BIOSCIENCE

- ✓ **PRE-REQS: Biology (required as freshman) Chemistry (PRE-REQ for MOST CTE courses)**
 - Human Anatomy & physiology
 - AP Environmental Science
 - AP Biology / AP Chemistry
 - Medical Interventions
 - Biotechnical engineering
 - Biomedical innovation
 - Environmental Resources & Wildlife Science
 - BioChemistry / BioMed workplace experience - all schools

BUSINESS FINANCE

- ✓ **PRE-REQ: Business Essentials**
 - Business Communications – MV Only
 - Accounting
 - Entrepreneurship – MV Only
 - Advanced Accounting
 - Investing – MV Only
 - Finance Workplace Experience (Advanced 3rd/4th year course)

CONSTRUCTION & DESIGN

- ✓ **PRE-REQS: Drafting/CAD & Residential Carpentry I**
 - Architectural Design
 - Woodworking Principles
 - Residential Carpentry II
 - Interior Arch. design
 - Workplace Experience in Construction/Design (Adv. 3rd/4th year course)

DIGITAL MEDIA

- ✓ **PRE-REQS: 21st Century Journalism, A/V Productions Fundamentals, & Photo Imaging**
 - Video production (I, II, & III)
 - Broadcast (I, II, & III)
 - Newspaper (I, II, & III)
 - Yearbook (I, II, & III)
 - Digital Media Project Management (3rd/4th year Proj. Mgmt. Course)

ENGINEERING & APPLIED MATHEMATICS

- ✓ **PRE-REQS: Engineering Design**
 - Principles of Applied Engineering – DHS & MVHS
 - Computer Integrated Manufacturing – CTEC
 - Digital Electronics – CTEC
 - Robotics I – CTEC
 - Robotics Capstone – CTEC
 - Engineering Design & Development – CTEC
 - Engineering Workplace Experience – CTEC

FACS

- ✓ **PRE-REQS: Career and Life Planning, Family Studies, Human Growth, Nutrition & Wellness**
 - Leadership & Service in Action
 - Culinary Essentials I & II
 - Career/Community Connections (workplace)
 - Teaching as a Career
 - Teaching Internship (juniors/seniors ONLY)

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GRAPHIC DESIGN

✓ **PRE-REQS: Graphic Design Fundamentals, Interactive Media, Photo Imaging**

- Principles of Illustration - CTEC
- Graphic Design - MV & CTEC
- Graphic Design Workplace Experience - MV & CTEC

MANUFACTURING

✓ **JRS & SRS ONLY**

- Intro to Welding
- Production blueprint reading
- Robotics (also in Engineering Pathway)
- Production methods I & II
- Work Experience in manufacturing

MARKETING

✓ **PRE-REQ: Business Essentials**

- Business Communications – MVHS
- Sports & Entertainment Marketing – DHS
- Entrepreneurship – MVHS
- Marketing Applications (juniors/seniors)
- Marketing Workplace Experience (juniors/seniors)

PROGRAMMING

✓ **PRE-REQS: Web page design**

- AP Computer Science Principles – DHS & CTEC
- AP Computer Science A – CTEC
- Cybersecurity - ctec
- Work-Based Learning in Programming & Software Development – DHS & CTEC

TEACHER/TRAINING

✓ **PRE-REQS: Career & Life Planning, Family Studies, & Human Growth**

- Teaching as a Career
- Teaching internship

WEB & DIGITAL

✓ **PRE-REQS: Web page design, interactive media**

- CAPS Makerspace – CTEC
- Animation – CTEC
- Game design – CTEC
- Web & Digital project management (Workplace) – All Buildings