



CTE Pathways **JORDAN** **BEETDIGGERS**

ARCHITECTURAL DESIGN (CAD)

Students develop a better understanding of basic math and science principles used in engineering.

1 Explorer Course Required

9	Sem	Engineering Technology
10-12	Sem	Engineering Principles
10-12	Sem	CAD Architectural Design 1
1 Concentrator Course Required		
10-12	Sem	CAD Architectural Design 2
Optional Completer Course		
11-12	Sem	CTE Internship

BUSINESS ADMINISTRATION

Classes provide the knowledge and skills to be an asset to the collaborative, global, and innovative business world of today and tomorrow.

1 Explorer Course Required

9-12	Sem	Web Development
9-12	Sem	Graphic Design 1
9-12	Sem	Entrepreneurship
9-12	Sem	Marketing 1
9-12	Sem	Sports/Entertainment Marketing
11-12	Sem	Real Estate
1 Concentrator Course Required		
9-12	Sem	Business Management
Optional Completer Course		
11-12	Sem	CTE Internship

BUSINESS INFORMATION MANAGEMENT

Classes provide the knowledge and skills to be an asset to the collaborative, global, and innovative business world of today and tomorrow.

1 Explorer Course Required

9-12	Sem	Web Development
9-12	Sem	Entrepreneurship
9-12	Sem	Graphic Design 1
1 Concentrator Course Required		
9-12	Sem	Digital Business Applications
10-12	Sem	Business Office Specialist
Optional Completer Course		
11-12	Sem	CTE Internship

BUSINESS MARKETING

Classes provide the knowledge and skills to be an asset to the collaborative, global, and innovative business world of today and tomorrow.

1 Explorer Course Required

9-12	Sem	Web Development
9-12	Sem	Graphic Design 1
9-12	Sem	Entrepreneurship
9-12	Sem	Marketing 1
9-12	Sem	Sports/Entertainment Marketing
11-12	Sem	Real Estate
1 Concentrator Course Required		
9-12	Sem	Retailing
9-12	Year	School Store (Retailing & Entrepreneurship)
Optional Completer Courses		
11-12	Sem	Marketing 1030
11-12	Sem	CTE Internship

BROADCASTING AND DIGITAL MEDIA

Students will gain skills for careers such as graphic design, digital illustration, photography, audio production, web design, film production, and more

1 Explorer Course Required

10-12	Sem	Computer Programming 1
9-12	Sem	Graphic Design 1
9-12	Sem	Beginning Digital Photography
9-12	Sem	Web Development
10-12	Sem	Advanced Photography
1 Concentrator Course Required		
9-12	Sem	Graphic Design 2
11-12	Sem	ART 1050 – Intro to Photo
10-12	Sem	ART 1120 – Digital Illustration
10-12	Sem	ART 1200 InDesign (Yearbook)
9-12	Sem	TV Broadcasting 1
9-12	Sem	Video Production 1
10-12	Sem	AV 1900/UAS (Drones)
10-12	Sem	FILM 1040
Optional Completer Courses		
9-12	Sem	TV Broadcasting 2
9-12	Sem	Video Production 2
11-12	Sem	CTE Internship

KEY

	Concurrent Enrollment
	Meets Digital Studies Requirement for Graduation
Bold	Prerequisite needed

CULINARY ARTS

Students learn the management and culinary skills needed for a career in the foodservice industry

1 Explorer Course Required

9-12	Sem	Foods & Nutrition 1
10-12	Sem	Culinary Arts 1
9-12	Sem	Entrepreneurship
10-12	Sem	Hospitality and Tourism
1 Concentrator Course Required		
11-12	Year	Culinary Arts 2/ProStart 1
11-12	Sem	CHEF 1110
Optional Completer Courses		
11-12	Year	Culinary Art 3/ProStart 2
11-12	Sem	Baking and Pastry
11-12	Sem	CHEF 2520
11-12	Sem	CTE Internship

EARLY CHILDHOOD EDUCATION

Classes provide a knowledge of the equipment, techniques, and processes needed to prepare for careers in Family and Consumer Science.

1 Explorer Course Required

9-12	Sem	Child Development
9-12	Sem	Foods & Nutrition 1
10-12	Sem	Preschool 1
1 Concentrator Course Required		
10-12	Sem	Preschool 2
11-12	Sem	EDUC 1010 (Orientation to Education)
Optional Completer Courses		
11-12	Sem	Preschool 3
11-12	Sem	CHF 2600 (Early Childhood Educ)

ENGINEERING & TECHNOLOGY MECHANICAL DESIGN (CAD)

Students develop a better understanding of basic math and science principles used in engineering.

1 Explorer Course Required

9	Sem	Engineering Technology
10-12	Sem	CAD Mechanical Design 1
10-12	Sem	Engineering Principles
9-12	Sem	Woods 1
1 Concentrator Course Required		
Optional Completer Course		
11-12	Sem	CTE Internship

FASHION APPAREL AND TEXTILES		
Classes provide a knowledge of the equipment, techniques, and processes needed to prepare for careers in Family and Consumer Science.		
1 Explorer Course Required		
9-12	Sem	Sewing 1
9-12	Sem	Fashion Design Studio
9-12	Sem	Graphic Design 1
1 Concentrator Course Required		
9-12	Sem	Sewing 2
Optional Completer Courses		
10-12	Sem	Sewing 3
10-12	Sem	FASH 1010
11-12	Sem	CTE Internship

HEALTH SCIENCE		
Students learn medical professions and create foundational knowledge to succeed in a medical career		
1 Explorer Course Required		
9-12	Sem	Introduction to Health Science/Health
11-12	Sem	HS 1100 – Medical Terminology
1 Concentrator Course Required		
11-12	Year	Exercise Science/Sports Medicine
Optional Completer Course		
11-12	Sem	CTE Internship

INTERIOR DESIGN		
Classes provide a knowledge of the equipment, techniques, and processes needed to prepare for careers in Family and Consumer Science.		
1 Explorer Course Required		
9-12	Sem	Interior Design 1
9-12	Sem	Marketing 1
9-12	Sem	Graphic Design 1
1 Concentrator Course Required		
10-12	Sem	Interior Design 2
Optional Completer Courses		
10-12	Sem	INTD 1010
11-12	Sem	CTE Internship



MANUFACTURING AND PRODUCTION		
Classes provide a knowledge of the equipment, techniques, and processes needed to prepare for careers in Family and Consumer Science.		
1 Explorer Course Required		
9-12	Sem	Woods/Crafts
9-12	Sem	Woodworking (Principles)
10-12	Sem	CAD Mechanical Design 1
9-12	Sem	Ukulele Making
1 Concentrator Course Required		
9-12	Year	Woodworking (Project)
10-12	Year	Furniture Design 1
Optional Completer Courses		
11-12	Year	Furniture Design 2
11-12	Year	Beginning Cabinetmaking/CMGT 1220
11-12	Sem	CTE Internship

PROGRAMMING & SOFTWARE DEVELOPMENT		
Students will learn how computing innovations and computing systems work, explore potential impacts, and contribute to a computing culture that is collaborative and ethical.		
1 Explorer Course Required		
9-12	Sem	Exploring Computer Science
10-12	Sem	Computer Programming 1
1 Concentrator Course Required		
10-12	Sem	Game Development 1
10-12	Sem	Computer Programming 2
9-12	Sem	Web Development
Optional Completer Course		
11-12	Sem	CTE Internship

PROTECTIVE SERVICES		
Courses are designed to prepare students for an exciting career in the field of law or law enforcement		
1 Explorer Course Required		
9-12	Sem	Exploring Computer Science
9-12	Sem	Introduction to Health Science
1 Concentrator Course Required		
10-12	Sem	Law Enforcement
Optional Completer Course		
11-12	Sem	CTE Internship

TRANSPORTATION		
Classes provide a knowledge of the use of equipment, tools, materials, processes, and techniques of automotive service		
1 Explorer Course Required		
9-12	Sem	Small Engine Repair
9-12	Sem	Bicycle Repair
9-12	Sem	Electronics
9-12	Sem	Introduction to Auto
1 Concentrator Course Required		
9-12	Year	Auto 1
Optional Completer Courses		
11-12	Year	Auto 2
11-12	Year	Auto 3
11-12	Year	ASE Engine Performance
11-12	Sem	CTE Internship

GENERAL EDUCATION CERTIFICATE OF COMPLETION REQUIREMENTS (CONCURRENT ENROLLMENT)		
11-12	Sem	ART 1010
11-12	Sem	ART 1050
11-12	Year	BIOL 1010/1015 <i>(Pending Approval)</i>
10-12	Sem	COMM 1010
10-12	Sem	COMM 1020
12	Sem	ENGL 1010
12	Sem	ENGL 2010
10-12	Sem	ENV 1010
11-12	Sem	ETHS 2400 (Diversity Credit)
10-12	Sem	FASH 1010
12	Sem	HUMA 1100
10-12	Sem	INTD 1010 (Interior Design)
12	Sem	MATH 1030
12	Sem	MATH 1040
12	Sem	MATH 1050
11-12	Sem	POLS 1100 <i>(Pending Approval)</i>
10-12	Sem	THEA 1013