CTE PATHWAYS AT VANGUARD (2024-25)

BROADCASTING AND DIGITAL MEDIA

Explorer Courses
- 3D Graphics - 0.5
- Computer Science Principles - 0.5
- Digital Media 1 CE - 0.5
- Digital Media 2 - 0.5
- Web Development 1 - 0.5

Concentrator Courses
- Video Production - 0.5

Completer Courses
- CTE Internship - 0.5

Arts, Audio/Visual Technology and Communications

GRAPHIC DESIGN AND COMMUNICATION

Explorer Courses
- 3D Graphics - 0.5
- Digital Media 1 CE - 0.5
- Digital Media 2 - 0.5

Concentrator Courses
- Commercial Photography 1 - 0.5

Completer Course
- CTE Internship - 0.5

Arts, Audio/Visual Technology and Communications

BUSINESS

Explorer Courses
- Accounting 1 CE - 0.5
- Business Office Specialist - 0.5
- Digital Media 1 - 0.5
- Economics - 0.5
- Marketing 1 CE - 0.5
- Web Development 1 - 0.5

Concentrator Courses
- Business Management CE - 0.5

Completer Courses
- CTE Internship - 0.5

Business, Finance and Marketing

FINANCE

Explorer Courses
- Accounting 1 CE - 0.5
- Business Office Specialist - 0.5
- Economics - 0.5
- Marketing 1 CE - 0.5
- Web Development 1 - 0.5

Concentrator Courses
- Accounting 2 CE - 0.5

Completer Courses
- CTE Internship - 0.5

Business, Finance and Marketing

INFORMATION TECHNOLOGY SYSTEMS

Explorer Courses
- Computer Science Principles - 0.5
- Math 1050 - 0.5-1.0*
- Robotics 1 - 0.5
- Web Development 1 - 0.5

Concentrator Courses
- Computer Systems 1 - 0.5

Completer Courses
- CTE Internship - 0.5

Computer Science and Information Technology

PROGRAMMING AND SOFTWARE DEVELOPMENT

Explorer Courses
- Computer Science Principles - 0.5
- Math 1050 - 0.5-1.0*
- Robotics 1 - 0.5
- Web Development 1 - 0.5

Concentrator Courses
- Computer Programming 2 - 0.5

Completer Course
- Computer Programming, Adv CE - 1.0
- CTE Internship - 0.5

Computer Science and Information Technology

WEB DEVELOPMENT	PRE-K: EARLY CHILDHOOD EDUCATION	K-12: TEACHING AS A PROFESSION
Explorer Course ● Computer Science Principles - 0.5 ● Digital Media 1 CE - 0.5 ● Marketing 1 CE - 0.5 ● Math 1050 - 0.5-1.0* ● Web Development 1 - 0.5 **Concentrator Course** ● Web Development 2 - 0.5 **Completer Courses** ● CTE Internship - 0.5	**Explorer Course** ● Child Development - 0.5 ● Food and Nutrition - 0.5 **Concentrator Course** ● **Completer Courses** ● CTE Internship - 0.5	**Explorer Course** ● English 1010 - 0.5-1.0* ● Human Development - 0.5 ● Math 1050 - 0.5-1.0* ● Teaching as a Profession - 0.5 **Concentrator Course** ● Aspiring Educators - 0.5 **Completer Courses** ● CTE Internship - 0.5
Computer Science and Information Technology	Education and Training	Education and Training
ENGINEERING	HEALTH SCIENCE	CULINARY ARTS
Explorer Course ● Mechanical Design and Engineering 1 CE - 0.5 ● Robotics 1 - 0.5 **Concentrator Course** ● Robotics 2 CE - 0.5 **Completer Courses** ● CTE Internship - 0.5	**Explorer Course** ● Foundations of Nutrition CE - 0.5-1.0* ● Health Science, Intro - 0.5 ● Human Development - 0.5 **Concentrator Course** ● **Completer Courses** ● CTE Internship - 0.5	**Explorer Course** ● Culinary 1 CE - 0.5 ● Food and Nutrition - 0.5 **Concentrator Course** ● Culinary 2 CE - 1.0 **Completer Courses** ● CTE Internship - 0.5
Engineering and Technology	Health Science	Hospitality and Tourism

CTE PATHWAYS AT VANGUARD (2024-25)

HOSPITALITY AND TOURISM
   Explorer Course
     ● Accounting 1 CE - 0.5
     ● Business Office Specialist - 0.5
     ● Culinary 1 CE - 0.5
     ● Digital Media 1 - 0.5
     ● Economics - 0.5
     ● Web Development 1 - 0.5
   Concentrator Course
     ● Hospitality and Tourism - 0.5
   Completer Courses
     ● CTE Internship - 0.5
 	
Hospitality and Tourism		

CTE PATHWAYS AT VANGUARD (2025-26)

ENGINEERING
Explorer Course
- Mechanical Design and Engineering 1 CE - 0.5
- Robotics 1 - 0.5

Concentrator Course
- Robotics 2 CE - 0.5

Completer Courses
- CTE Internship - 0.5

Advanced Manufacturing and Engineering

BROADCASTING AND DIGITAL MEDIA
Explorer Courses
- 3D Graphics - 0.5
- Digital Media 1 CE - 0.5
- Digital Media 2 - 0.5
- Web Development 1 - 0.5

Concentrator Courses
- Video Production - 0.5

Completer Courses
- CTE Internship - 0.5

Arts, Entertainment and Design

GRAPHIC DESIGN AND COMMUNICATION
Explorer Courses
- 3D Graphics - 0.5
- Digital Media 1 CE - 0.5
- Digital Media 2 - 0.5

Concentrator Courses
- Commercial Photography 1 - 0.5

Completer Course
- CTE Internship - 0.5

Arts, Entertainment and Design

BUSINESS
Explorer Courses
- Accounting 1 CE - 0.5
- Business Office Specialist - 0.5
- Digital Media 1 - 0.5
- Economics - 0.5
- Marketing 1 CE - 0.5
- Web Development 1 - 0.5

Concentrator Courses
- Business Management CE - 0.5

Completer Courses
- CTE Internship - 0.5

Business Management and Entrepreneurship

INFORMATION TECHNOLOGY SYSTEMS
Explorer Courses
- Math 1050 - 0.5-1.0*
- Robotics 1 - 0.5
- Web Development 1 - 0.5

Concentrator Courses
- Computer Systems 1 - 0.5

Completer Courses
- CTE Internship - 0.5

Digital Technology

PROGRAMMING AND SOFTWARE DEVELOPMENT
Explorer Courses
- Math 1050 - 0.5-1.0*
- Robotics 1 - 0.5
- Web Development 1 - 0.5

Concentrator Courses
- Computer Programming 2 - 0.5

Completer Course
- Computer Programming, Adv CE - 0.5
- CTE Internship - 0.5

Digital Technology

WEB DEVELOPMENT
   Explorer Course
     ● Digital Media 1 CE - 0.5
     ● Marketing 1 CE - 0.5
     ● Math 1050 - 0.5-1.0*
     ● Web Development 1 - 0.5
   Concentrator Course
     ● Web Development 2 - 0.5
   Completer Courses
     ● CTE Internship - 0.5
 	
Digital Technology
	PRE-K: EARLY CHILDHOOD EDUCATION
	   Explorer Course
	     ● Child Development - 0.5
	     ● Food and Nutrition - 0.5
	   Concentrator Course
	     ●
	   Completer Courses
	     ● CTE Internship - 0.5
	
	Education
		K-12: TEACHING AS A PROFESSION
		   Explorer Course
		     ● English 1010 - 0.5-1.0*
		     ● Human Development - 0.5
		     ● Math 1050 - 0.5-1.0*
		     ● Teaching as a Profession - 0.5
		   Concentrator Course
		     ● Aspiring Educators - 0.5
		   Completer Courses
		     ● CTE Internship - 0.5
		
		Education

FINANCE
   Explorer Courses
     ● Accounting 1 CE - 0.5
     ● Business Office Specialist - 0.5
     ● Economics - 0.5
     ● Marketing 1 CE - 0.5
     ● Web Development 1 - 0.5
   Concentrator Courses
     ● Accounting 2 CE - 0.5
   Completer Courses
     ● CTE Internship - 0.5
 	
Financial Services
	HEALTH SCIENCE
	   Explorer Course
	     ● Foundations of Nutrition CE - 0.5
	     ● Health Science, Intro - 0.5
	     ● Human Development - 0.5
	   Concentrator Course
	     ●
	   Completer Courses
	     ● CTE Internship - 0.5
	
	Health Science and Human Services
		CULINARY ARTS
		   Explorer Course
		     ● Culinary 1 CE - 0.5
		     ● Food and Nutrition - 0.5
		   Concentrator Course
		     ● Culinary 2 CE - 1.0
		   Completer Courses
		     ● CTE Internship - 0.5
		
		Hospitality, Events and Tourism

HOSPITALITY AND TOURISM		

HOSPITALITY AND TOURISM
   Explorer Course
     ● Accounting 1 CE - 0.5
     ● Business Office Specialist - 0.5
     ● Culinary 1 CE - 0.5
     ● Digital Media 1 - 0.5
     ● Economics - 0.5
     ● Web Development 1 - 0.5
   Concentrator Course
     ● Hospitality and Tourism - 0.5
   Completer Courses
     ● CTE Internship - 0.5
 	
Hospitality, Events and Tourism		