Current CTE Courses Mapped to New Career Clusters

Foundational Courses	Education Cluster
22151 Career Exploration	19051 Human Development: Preschool to School Age
22152 Employability	19052 Human Development: Prenatal to Toddlers
1004 Workplace Technology	19151 Introduction to Education & Training
22101 Leadership & Service	19152 SD Educators for Tomorrow
19262 Personal Finance	19261 Human Development: Adolescence to Adulthood
Capstone/Work Based Learning Courses	**Energy & Natural Resources Cluster Courses**
22104 Service Learning	18501 Wildlife and Fisheries
80018 Youth Internships	18502 Advanced Natural Resources
80019 Senior Experience	18504 Natural Resources
80020 Youth Apprenticeship	18505 CASE Natural Resources & Ecology
80026 Entrepreneurship Experience	18507 CASE Environmental Science Issues
	18508 Issues in Environmental Science
Advanced Manufacturing and Engineering	20101 Introduction to Energy/Power
13001 Introduction to Manufacturing	21060 Alternate Energy Systems
13203 Machine Tool Technology	21024 PLTW Environmental Sustainability
13204 Advanced Machine Tool Technology	
13207 Welding Technology	**Financial Services Cluster**
13208 Advanced Welding Technology	12101 Introduction to Financial Industries
17106 Electronics	12102 Principles of Banking
18404 Ag Metal Fabrication	12104 Accounting I
21001 Introduction to Engineering	12105 Business Economics
21007 Engineering Design & Development	12106 Principles of Insurance
21009 Robotics	12107 Investment Planning
21014 Bioprocess Engineering	12108 Accounting II
21017 PLTW Introduction to Engineering Design	12109 Advanced Accounting
21018 PLTW Principles of Engineering	12202 Principles of Selling
21019 PLTW Aerospace Engineering	
21021 PLTW Civil Engineering and Architecture	**Health Science Cluster**
21022 PLTW Computer Integrated Manufacturing	03066 PLTW: Biomedical Science
21023 PLTW Digital Electronics	03067 PLTW Human Body Systems
21024 PLTW Environmental Sustainability	03068 PLTW Medical Intervention
21025 PLTW Engineering Design and Development	03070 PLTW Biomedical Intervention
21026 PLTW Engineering Essentials	14001 Health Science Careers I- Exploration
21050 Exploring STEM in CTE	14002 Health Science Careers II- Engagement
21051 Introduction to Technology Education	14051 Gateway to Certified Nursing Assistant
21102 Drafting and Design	14055 Intro to Emergency Medical Services
21102 Drafting and Design I	14062 Introduction to Sports Medicine
21103 Drafting & Design II- Architectural	14102 Introduction to Medical Diagnostics
21106 Mechanical Drafting & Design	14152 Introduction to Pharmacy Technician
	14154 Medical Terminology
Agriculture Cluster Courses	14157 Introduction to Health Informatics
18001 Intro to AFNR	
18006 CASE Intro to AFNR	**Hospitality, Events, and Tourism Cluster**
18051 Fundamental Plant Science	16051 Hospitality & Lodging Management
18052 Fundamental Horticulture	16052 Fundamental Food Concepts
18053 Horticulture Operations	16053 Restaurant Management-Culinary Arts I
18056 CASE Principles of Agricultural Science- Plant	16054 Nutritional Sciences
18057 Advanced Plant Science	16055 Restaurant Management- Culinary Arts II
18101 Fundamental Animal Science	16056 Restaurant Management- Culinary Arts III
18102 Companion Animals	16101 Hospitality & Lodging Services
18106 CASE Principles of Agriculture Science- Animal	16151 Hospitality & Tourism Management
18107 Advanced Animal Science	16152 Event Management
18201 Agribusiness Sales & Marketing	19253 Nutrition & Wellness
18202 Agribusiness Management	19254 Food Technology
18203 Ag Leadership & Communications	
18204 CASE Ag Research & Development	**Human Servies Cluster**
18248 Independent Supervised Agriculture Experience	16054 Nutritional Sciences
18302 Ag Processing Technology	19001 Introduction to Human Services
18305 Food Science	19051 Human Development: Preschool to School Age
18308 Agriculture Biotechnology	19052 Human Development: Prenatal to Toddlers
18312 CASE Food Science & Safety	19152 SD Educators for Tomorrow
18313 CASE Animal & Plant Biotechnology	19253 Nutrition & Wellness
18401 Fundamental Ag Mechanical Technologies	19255 Lifespan Connections
18402 Ag Systems Technology	19261 Human Development: Adolescence to Adulthood
18403 Fundamental Ag Structures Technology	19264 Consumer Resource Management
18404 Ag Metal Fabrications Technology	
18405 CASE Agricultural Power & Technology	
18407 Advanced Ag Structures Technology	
18449 CASE Mechanical Systems in Agriculture	
20107 Diesel Technology	
20110 ATV/Small Engine Mechanics	

Current CTE Courses Mapped to New Career Clusters

Arts, Entertainment, and Design Cluster	Management & Entreprenuership Cluster
05162 Visual Media Design	10005 Business Computer Applications
10101 Network Technologies	10049 Advanced Business Computer Applications
10201 Web Development	12051 Introduction to Business
10202 Advanced Web Development	12052 Business Management
10203 Multimedia Design	12054 Business Law
10207 Digital Animation	12056 International Business & Marketing
11001 Intro to Arts, A/V Technology & Communications	12061 Entrepreneurial Skills
11052 Photography II	
11054 Photography I	**Marketing & Sales Cluster**
11056 Digital Music Production	12056 International Business & Marketing
11103 Broadcast Technology	12152 Marketing Strategies
11106 Journalistic Design	12163 Sports Entertainment Marketing
11151 Media Production	12164 Marketing Principles
11153 Digital Production for Entertainment	12167 Marketing Research
11154 Graphic Design II	12199 Marketing Communications
11155 Graphic Design I	12202 Principles of Selling
11160 Production Technology	
19201 Fashion Design	**Public Service and Safety**
19205 Interior Design I	09051 Army JROTC I
19206 Interior Design II	09052 Army JROTC II
	09053 Army JROTC III
Architecture & Construction Cluster Courses	09054 Army JROTC IV
17002 Construction Trades I	09151 Air Force JROTC I
17003 Construction Trades II- Residential	09152 Air Force JROTC II
17005 Finish Carpentry II	09153 Air Force JROTC III
17006 Intro to Architecture and Construction	09154 Air Force JROTC IV
17007 Finish Carpentry	09201 Marine Corps JROTC I
17990 Construction Equipment	09202 Marine Corps JROTC II
17991 Construction Equipment II	09203 Marine Corps JROTC III
21051 Intro to Technology Education	09204 Marine Corps JROTC IIV
21102 Drafting & Design	15201 Principles of Public Management & Admin.
21103 Drafting & Design II- Architectural	15001 Introduction to Law, Public Safety, Security & Corrections I
	15054 Introduction to Law, Public Safety, Security & Corrections II
Digital Technology Cluster	
10003 Introduction to Information Technology	**Supply Chain & Transportation Cluster**
10013 PLTW Computer Science Essentials	20104 Maintenance & Light Repair
10014 PLTW Computer Science A	20105 Electrical/Electronic Systems & HVAC
10015 PLTW Computer Science Principles	20106 Introduction to Vehicle Systems & Maintenance
10016 PLTW Cybersecurity	20107 Diesel Technology
10019 AP Computer Science Principles	20110 ATV/Small Engine Mechanics
10052 Computer Science Principles	20111 Power Sports
10057 Computer Science Essentials	20115 Non-Structural Analysis & Damage Repair
10101 Network Technologies	20116 Auto Body Painting & Refinishing
10108 Cybersecurity	20117 Structural Analysis & Damage Repair
10152 Computer Programming	20121 Automotive Engine Repair & Performance
10153 Advanced Computer Programming	20122 Brakes/Manual Drivetrain & Axles
10157 AP Computer Science A	20123 Automotive Transmission Suspension & Steering
10201 Web Development	20124 Introduction to Auto Body Estimating
10202 Advanced Web Development	20151 Logistics Planning & Management
10251 Computer Hardware & Software	21051 Introduction to Technology Education
13001 Introduction to Manufacturing	20053 Aviation Careers I
14157 Introduction to Health Informatics	20056 Fundamentals of Aviation
17106 Electronics	20057 Aviation Careers II