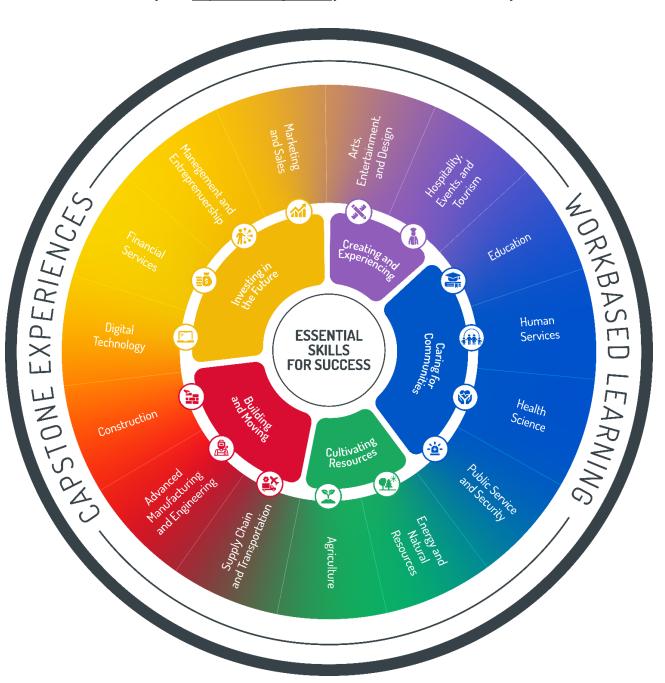


Sample Sequence of Courses

*As standards and new courses are developed and approved in 2026-2028, these documents will be updated.

Please continue to refer to https://doe.sd.gov/cte/ for the most current version of all standards and courses.



ARTS, ENTERTAINMENT AND DESIGN



CREATING AND EXPERIENCING



FOR MORE INFORMATION, CONTACT:

Jamie Boettcher, Cluster Specialist

//// APPROVED CLUSTER COURSES

DESIGN AND DIGITAL ARTS	FASHION AND INTERIORS		
05162 Visual Media Design	19201 Fashion Design		
10101 Network Technology	19205 Interior Design I		
10201 Web Development	19206 Interior Design II		
10202 Advanced Web Development			
10203 Multimedia Design	MEDIA PRODUCTION AND BROADCASTING		
10207 Digital Animation	11103 Broadcast Technology		
11001 Introduction to Arts, A/V Technology &	11106 Journalistic Design		
Communications	11151 Media Production		
11052 Photography II			
11054 Photography I	PRODUCTION TECHNOLOGY		
11154 Graphic Design II	11056 Digital Music Production		
11155 Graphic Design I	11153 Digital Production for Entertainment		
	11160 Production Technology		

CTE CONCENTRATORS

Complete any two approved cluster courses while in high school. Students may be concentrators in multiple clusters.

ADVANCED CAREER ENDORSEMENT

Two credits of approved cluster courses from the same cluster and/or capstone courses.

Earn an Industry Recognized Credential.

Complete other Graduation Requirements.

INDUSTRY RECOGNIZED CREDENTIALS



Visit does.sd.gov/cte/industry.aspx for a full list of industry recognized credentials in this career cluster.

DUAL CREDIT COURSES



Visit the resources section on the $\underline{\mathsf{ourdakotadreams.com}}$ dual credit page.

POST-SECONDARY OPTIONS



Visit <u>sdmylife.com</u> for more information about potential careers in this area and explore colleges and majors to further your education.

18000 Middle School Arts, Entertainment & Design
22000 Middle School Exploring CTE

22151 Career Exploration
22152 Employability
10004 Workplace Technology
22101 Leadership & Service
19262 Personal Finance

CAPSTONE/WORK-BASED LEARNING //////

22104 Service Learning
80018 Youth Internships
80019 Senior Experience
80020 Youth Apprenticeship
80026 Entrepreneurship Experience

12061 Entrepreneurial Skills

16152 Event Management

18203 Ag Leadership & Communications

19152 SD Educators for Tomorrow

21007 Engineering Design & Development

21102 Drafting & Design I

HOSPITALITY, EVENTS AND TOURISM

CREATING AND EXPERIENCING



FOR MORE INFORMATION, CONTACT:

Jamie Boettcher, Cluster Specialist Jamie.Boettcher@state.sd.us



APPROVED CLUSTER COURSES

ACCOMMODATIONS AND TRAVEL

16001 Introduction to Hospitality & Tourism

16051 Hospitality & Tourism Management

16101 Hospitality & Lodging Services

CONFERENCES AND EVENTS

16152 Event Management

CULINARY AND FOOD SERVICE

16052 Introduction to Food Concepts

16053 Restaurant Management- Culinary Arts I

16054 Nutritional Sciences

16055 Restaurant Management- Culinary Arts II

16056 Restaurant Management- Culinary Arts

19253 Nutrition & Wellness

19254 Food Technology

18000 Middle School Hospitality, Events & Tourism

22000 Middle School Exploring CTE

22151 Career Exploration
22152 Employability
10004 Workplace Technology
22101 Leadership & Service
19262 Personal Finance

CAPSTONE/WORK-BASED LEARNING //////

22104 Service Learning
80018 Youth Internships
80019 Senior Experience
80020 Youth Apprenticeship
80026 Entrepreneurship Experience

CTE CONCENTRATORS

Complete any two approved cluster courses while in high school. Students may be concentrators in multiple clusters.

ADVANCED CAREER ENDORSEMENT

Two credits of approved cluster courses from the same cluster and/or capstone courses.

Earn an Industry Recognized Credential.

Complete other Graduation Requirements.

12061 Entrepreneurial Skills
12104 Accounting I
12108 Accounting II
12105 Business Economics
12152 Marketing Strategies
12164 Marketing Principles

INDUSTRY RECOGNIZED CREDENTIALS



Visit doe.sd.gov/cte/industry.aspx for a full list of industry recognized credentials in this career cluster.

DUAL CREDIT COURSES



Visit the resources section on the <u>ourdakotadreams.com</u> dual credit page.

POST-SECONDARY OPTIONS



Visit <u>sdmylife.com</u> for more information about potential careers in this area and explore colleges and majors to further your education.

EDUCATION



FOR MORE INFORMATION, CONTACT:

Jane Gubrud, Cluster Specialist Jane.Gubrud@state.sd.us



CARING FOR COMMUNITIES

//// APPROVED CLUSTER COURSES

HUMAN DEVELOPMENT LEARNER SUPPORT & COMMUNITY ENGAGEMENT 19051 Human Development: Preschool to School Age 19052 Human Development: Prenatal to **Toddlers** 19261 Human Development: Adolescence to Adulthood TEACHING, TRAINING, AND FACILITATION 19151 Introduction to Education & Training 19152 SD Educators for Tomorrow

18000 Middle School Education
22000 Middle School Exploring CTE

22151 Career Exploration
22152 Employability
10004 Workplace Technology
22101 Leadership & Service
19262 Personal Finance

CAPSTONE/WORK-BASED LEARNING //////

22104 Service Learning
80018 Youth Internships
80019 Senior Experience
80020 Youth Apprenticeship
80026 Entrepreneurship Experience

//// CTE CONCENTRATORS

Complete any two approved cluster courses while in high school. Students may be concentrators in multiple clusters.

ADVANCED CAREER ENDORSEMENT

Two credits of approved cluster courses from the same cluster and/or capstone courses.

Earn an Industry Recognized Credential.

Complete other Graduation Requirements.

19001 Introduction to Human Services

INDUSTRY RECOGNIZED CREDENTIALS



Visit doe.sd.gov/cte/industry.aspx for a full list of industry recognized credentials in this career cluster.

DUAL CREDIT COURSES



Visit the resources section on the ourdakotadreams.com dual credit page.

POST-SECONDARY OPTIONS



Visit sdmylife.com for more information about potential careers in this area and explore colleges and majors to further your education.

HUMAN SERVICES



CARING FOR COMMUNITIES



FOR MORE INFORMATION, CONTACT:

Jane Gubrud, Cluster Specialist

Jane.Gubrud@state.sd.us

//// APPROVED CLUSTER COURSES

COMMU	NITY AND SOCIAL SEF	RVICES
16052 lı	ntroduction to Food	Concepts
16054 N	lutritional Sciences	
19001 Ir	troduction to Huma	n Services
	uman Development chool Age	:: Preschool to
	luman Developmen oddlers	t: Prenatal to
19253 N	lutrition & Wellness	
19255 L	ifespan Connections	S
	uman Development dulthood	: Adolescence to
19264 C	onsumer Resource	Management

BEHAVIORAL AND MENTAL HEALTH	

//// CTE CONCENTRATORS

Complete any two approved cluster courses while in high school. Students may be concentrators in multiple clusters.

ADVANCED CAREER ENDORSEMENT

Two credits of approved cluster courses from the same cluster and/or capstone courses.

Earn an Industry Recognized Credential.

Complete other Graduation Requirements.

INDUSTRY RECOGNIZED CREDENTIALS



Visit doe.sd.gov/cte/industry.aspx for a full list of industry recognized credentials in this career cluster.

DUAL CREDIT COURSES



Visit the resources section on the <u>ourdakotadreams.com</u> dual credit page.

POST-SECONDARY OPTIONS



Visit <u>sdmylife.com</u> for more information about potential careers in this area and explore colleges and majors to further your education.

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18000 Middle School Human Services
22000 Middle School Exploring CTE

22151 Career Exploration
22152 Employability
10004 Workplace Technology
22101 Leadership & Service
19262 Personal Finance

CAPSTONE/WORK-BASED LEARNING //////

22104 Service Learning
80018 Youth Internships
80019 Senior Experience
80020 Youth Apprenticeship
80026 Entrepreneurship Experience

10005 Business Computer Applications
12061 Entrepreneurial Skills
12102 Principles of Banking
15201 Principles of Public Management & Administration
19152 SD Educators for Tomorrow
19254 Food Technology

HEALTH SCIENCE



CARING FOR COMMUNITIES

Melissa Ettswold, Cluster Specialist Melissa.Ettswold@state.sd.us

FOR MORE INFORMATION, CONTACT:



//// APPROVED CLUSTER COURSES

BIOTECHNOLOGY RESEARCH & DEVELOPMENT 03066 PLTW Biomedical Science 03067 PLTW Human Body Systems 03068 PLTW Medical Intervention

03070 PLTW Biomedical Intervention
14157 Introduction to Health Informatics

CLINICAL HEALTH SERVICES

14001 Health Science Careers I- Exploration

14002 Health Science Careers II- Engagement

14051 Gateway to Certified Nursing Assistant

14102 Introduction to Medical Diagnostics

14154 Medical Terminology

COMMUNITY HEALTH SERVICES

14055 Introduction to Emergency Medical Services

PERSONAL CARE SERVICES

14062 Introduction to Sports Medicine
14152 Introduction to Pharmacy Technician

CLINICAL MENTAL HEALTH

CLINICAL MENTAL REALIT

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CTE CONCENTRATORS

Complete any two approved cluster courses while in high school. Students may be concentrators in multiple clusters.

ADVANCED CAREER ENDORSEMENT

Two credits of approved cluster courses from the same cluster and/or capstone courses.

Earn an Industry Recognized Credential.

Complete other Graduation Requirements.

INDUSTRY RECOGNIZED CREDENTIALS



Visit <u>doe.sd.gov/cte/industry.aspx</u> for a full list of industry recognized credentials in this career cluster.

DUAL CREDIT COURSES



Visit the resources section on the <u>ourdakotadreams.com</u> dual credit page.

POST-SECONDARY OPTIONS



Visit <u>sdmylife.com</u> for more information about potential careers in this area and explore colleges and majors to further your education.

18000 Middle School Health Science
22000 Middle School Exploring CTE

22151 Career Exploration
22152 Employability
10004 Workplace Technology
22101 Leadership & Service
19262 Personal Finance

CAPSTONE/WORK-BASED LEARNING //////

22104 Service Learning
80018 Youth Internships
80019 Senior Experience
80020 Youth Apprenticeship
80026 Entrepreneurship Experience

10005 Business Computer Applications

10108 Cybersecurity

15001 Introduction to Law, Public Safety, & Corrections I

15054 Introduction to Law, Public Safety, & Corrections

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PUBLIC SERVICE AND SECURITY CARING FOR COMMUNITIES



FOR MORE INFORMATION, CONTACT:

Melissa Ettswold, Cluster Specialist Melissa.Ettswold@state.sd.us



//// APPROVED CLUSTER COURSES

MILITARY AND NATIONAL SECURITY	PUBLIC SAFETY AND JUSTICE
09051 Army JROTC I	15001 Introduction to Law, Public Safety, Security & Corrections I
09052 Army JROTC II	*
09053 Army JROTC III	15054 Introduction to Law, Public Safety, Security & Corrections II
09054 Army JROTC IV	
09101 Naval JROTC I	LOCAL, STATE, AND FEDERAL SERVICES
09102 Naval JROTC II	15201 Principles of Public Management &
09103 Naval JROTC III	Administration
09104 Naval JROTC IV	EMERGENCY RESPONSE
09151 Air Force JROTC I	
09152 Air Force JROTC II	
09153 Air Force JROTC III	
09154 Air Force JROTC IV	
09201 Marine Corps JROTC I	
09202 Marine Corps JROTC II	
09203 Marine Corps JROTC III	
092204 Marine Corps JROTC IV	

//// CTE CONCENTRATORS

Complete any two approved cluster courses while in high school. Students may be concentrators in multiple clusters.

ADVANCED CAREER ENDORSEMENT

Two credits of approved cluster courses from the same cluster and/or capstone courses.

Earn an Industry Recognized Credential.

Complete other Graduation Requirements.

INDUSTRY RECOGNIZED CREDENTIALS



Visit <u>doe.sd.gov/cte/industry.aspx</u> for a full list of industry recognized credentials in this career cluster.

DUAL CREDIT COURSES



Visit the resources section on the <u>ourdakotadreams.com</u> dual credit page.

POST-SECONDARY OPTIONS



Visit <u>sdmylife.com</u> for more information about potential careers in this area and explore colleges and majors to further your education.

18000 Middle School Public Service & Security
22000 Middle School Exploring CTE

22151 Career Exploration
22152 Employability
10004 Workplace Technology
22101 Leadership & Service
19262 Personal Finance

CAPSTONE/WORK-BASED LEARNING //////

22104 Service Learning
80018 Youth Internships
80019 Senior Experience
80020 Youth Apprenticeship
80026 Entrepreneurship Experience

10005 Business Computer Applications
12056 International Business & Marketing
14055 Introduction to Emergency Medical Services
21021 Civil Engineering & Architecture

ENERGY AND NATURAL RESOURCES

CULTIVATING RESOURCES



FOR MORE INFORMATION, CONTACT:

Mercedes Snedeker, Cluster Specialist Mercedes.Snedeker@state.sd.us



//// APPROVED CLUSTER COURSES

CONSERVATION AND LAND MANAGEMENT

18501 Wildlife & Fisheries

18502 Advanced Natural Resources

18504 Natural Resources

ECOLOGICAL RESEARCH AND EXTRACTION

18505 CASE Natural Resources & Ecology

ENVIRONMENTAL PROTECTION

18507 CASE Environmental Science Issues

18508 Issues in Environmental Science

21024 PLTW Environmental Sustainability

UTILITIES AND ENERGY

20101 Introduction to Energy/Power

21060 Alternate Energy Systems

CTE CONCENTRATORS

Complete any two approved cluster courses while in high school. Students may be concentrators in multiple clusters.

ADVANCED CAREER ENDORSEMENT

Two credits of approved cluster courses from the same cluster and/or capstone courses.

Earn an Industry Recognized Credential.

Complete other Graduation Requirements.

INDUSTRY RECOGNIZED CREDENTIALS



Visit <u>doe.sd.gov/cte/industry.aspx</u> for a full list of industry recognized credentials in this career cluster.

DUAL CREDIT COURSES



Visit the resources section on the <u>ourdakotadreams.com</u> dual credit page.

POST-SECONDARY OPTIONS



Visit <u>sdmylife.com</u> for more information about potential careers in this area and explore colleges and majors to further your education.

18000 Middle School Energy & Natural Resources
22000 Middle School Exploring CTE

22151 Career Exploration
22152 Employability
10004 Workplace Technology
22101 Leadership & Service
19262 Personal Finance

CAPSTONE/WORK-BASED LEARNING //////

22104 Service Learning
80018 Youth Internships
80019 Senior Experience
80020 Youth Apprenticeship
80026 Entrepreneurship Experience

12061 Entrepreneurial Skills

15001 Introduction to Law, Public Safety, Security & Corrections I

15054 Introduction to Law, Public Safety & Corrections II

18051 Fundamental Plant Science

AGRICULTURE

CULTIVATING RESOURCES



FOR MORE INFORMATION, CONTACT:

Mercedes Snedeker, Cluster Specialist Mercedes.Snedeker@state.sd.us



//// APPROVED CLUSTER COURSES

AGRIBUSINESS AND LEADERSHIP 18001 Introduction to AFNR 18006 CASE Introduction to AFNR 18201 Agribusiness Sales & Marketing 18202 Agribusiness Management 18203 Ag Leadership & Communications 18204 CASE Ag Research & Development

18248 Independent Supervised Agriculture

Experience

AGRICULTURAL MANUFACTURING AND CONSTRUCTION
18302 Ag Processing Technology
18401 Fundamental Ag Mechanical Technologies
18402 Ag Systems Technology
18403 Fundamental Ag Structures Technology
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

ANIMAL SYSTEMS

18101 Fundamental Animal Science

18102 Companion Animals

18106 CASE Principles of Agriculture Science-Animal

18107 Advanced Animal Science

FOOD SCIENCE AND PROCESSING

18305 Food Science

18308 Agriculture Biotechnology

18312 CASE Food Science & Safety

PLANT SYSTEMS

18051 Fundamental Plant Science

18052 Fundamental Horticulture

18053 Horticulture Operations

18056 CASE Principles of Agricultural Science-Plant

18057 Advanced Plant Science

18313 CASE Animal & Plant Biotechnology

WATER SYSTEMS

CTE CONCENTRATORS

Complete any two approved cluster courses while in high school. Students may be concentrators in multiple clusters.

ADVANCED CAREER ENDORSEMENT

Two credits of approved cluster courses from the same cluster and/or capstone courses.

Earn an Industry Recognized Credential.

Complete other Graduation Requirements.

18000 Middle School Agriculture
22000 Middle School Exploring CTE

22151 Career Exploration
22152 Employability
10004 Workplace Technology
22101 Leadership & Service
19262 Personal Finance

CAPSTONE/WORK-BASED LEARNING //////

22104 Service Learning
80018 Youth Internships
80019 Senior Experience
80020 Youth Apprenticeship
80026 Entrepreneurship Experience

12061 Entrepreneurial Skills
13001 Introduction to Manufacturing
18501 Wildlife & Fisheries
18502 Advanced Natural Resources
19254 Food Technology

INDUSTRY RECOGNIZED CREDENTIALS //////



Visit <u>doe.sd.gov/cte/industry.aspx</u> for a full list of industry recognized credentials in this career cluster.



Visit the resources section on the $\underline{\text{ourdakotadreams.com}}$ dual credit page.



Visit <u>sdmylife.com</u> for more information about potential careers in this area and explore colleges and majors to further your education.

SUPPLY CHAIN AND TRANSPORTATION

BUILDING AND MOVING



FOR MORE INFORMATION, CONTACT:

Mercedes Snedeker, Cluster Specialist Mercedes.Snedeker@state.sd.us



//// APPROVED CLUSTER COURSES

AIR TRANSPORTATION AND TECHNOLOGY

20053 Aviation Careers I

20056 Fundamentals of Aviation

20057 Aviation Careers II

GROUND TRANSPORTATION

20151 Logistics Planning & Management

RECREATIONAL TRANSPORTATION

20110 ATV/Small Engine Mechanics

20111 Power Sports

MAINTENANCE AND REPAIR

20104 Maintenance & Light Repair

20105 Electrical/Electronic Systems & HVAC

20106 Introduction to Vehicle Systems & Maintenance

20107 Diesel Technology

20115 Non-Structural Analysis & Damage Repair

20116 Auto Body Painting & Refinishing

20117 Structural Analysis & Damage Repair

20121 Automotive Engine Repair & Performance

20122 Brakes/Manual Drivetrain & Axles

20123 Automotive Transmission Suspension & Steering

20124 Introduction to Auto Body Estimating

21051 Introduction to Technology Education

18000 Middle School Supply Chain & Transportation

22000 Middle School Exploring CTE

22151 Career Exploration 22152 Employability 10004 Workplace Technology 22101 Leadership & Service 19262 Personal Finance

CAPSTONE/WORK-BASED LEARNING //////

22104 Service Learning 80018 Youth Internships 80019 Senior Experience 80020 Youth Apprenticeship 80026 Entrepreneurship Experience

12061 Entrepreneurial Skills 13001 Introduction to Manufacturing 18401 Fundamental Ag Mechanical Technologies 18402 Ag Systems Technology

INDUSTRY RECOGNIZED CREDENTIALS /////



Visit doe.sd.gov/cte/industry.aspx for a full list of industry recognized credentials in this career cluster.



Visit the resources section on the ourdakotadreams.com dual credit page.



Visit sdmylife.com for more information about potential careers in this area and explore colleges and majors to further your education.

CTE CONCENTRATORS

Complete any two approved cluster courses while in high school. Students may be concentrators in multiple clusters.

ADVANCED CAREER ENDORSEMENT

Two credits of approved cluster courses from the same cluster and/or capstone courses.

Earn an Industry Recognized Credential.

Complete other Graduation Requirements.

ADVANCED MANUFACTURING AND ENGINEERING

BUILDING AND MOVING



FOR MORE INFORMATION, CONTACT:

Tracia Rentsch, Cluster Specialist Tracia.Rentsch@state.sd.us



//// APPROVED CLUSTER COURSES

ENGINEERING
21001 Introduction to Engineering
21007 Engineering Design & Development
21014 Bioprocess Engineering
21017 PLTW Introduction to Engineering Design
21018 PLTW Principles of Engineering
21019 PLTW Aerospace Engineering
21021 PLTW Civil Engineering & Architecture
21022 PLTW Computer Integrated Manufacturing
21024 PLTW Environmental Sustainability
21025 PLTW Engineering Design & Development
21026 PLTW Engineering Essentials
21050 Exploring STEM in CTE

PRODUCTION AND AUTOMATION
13001 Introduction to Manufacturing
13207 Welding Technology
13208 Advanced Welding Technology
18404 Ag Metal Fabrication
21051 Introduction to Technology Education
21102 Drafting & Design I
21103 Drafting & Design II- Architectural
21106 Mechanical Drafting & Design

ROBOTICS AND ELECTRONICS
17106 Electronics
21009 Robotics
21023 PLTW Digital Electronics

INDUSTRIAL MACHINING

13203 Machine Tool Technology

13204 Advanced Machine Tool Technology

CTE CONCENTRATORS

Complete any two approved cluster courses while in high school. Students may be concentrators in multiple clusters.

ADVANCED CAREER ENDORSEMENT

Two credits of approved cluster courses from the same cluster and/or capstone courses.

Earn an Industry Recognized Credential.

Complete other Graduation Requirements.

18000 Middle School Advanced Manufacturing & Engineering

22000 Middle School Exploring CTE

22151 Career Exploration
22152 Employability
10004 Workplace Technology
22101 Leadership & Service
19262 Personal Finance

CAPSTONE/WORK-BASED LEARNING //////

22104 Service Learning
80018 Youth Internships
80019 Senior Experience
80020 Youth Apprenticeship
80026 Entrepreneurship Experience

10005 Business Computer Application	ons
10251 Computer Hardware & Softwa	are
12104 Accounting I	
12152 Marketing Strategies	

INDUSTRY RECOGNIZED CREDENTIALS /////



Visit <u>doe.sd.gov/cte/industry.aspx</u> for a full list of industry recognized credentials in this career cluster.



Visit the resources section on the $\underline{\text{ourdakotadreams.com}}$ dual credit page.



Visit <u>sdmylife.com</u> for more information about potential careers in this area and explore colleges and majors to further your education.

ARCHITECTURE AND CONSTRUCTION

BUILDING AND MOVING



FOR MORE INFORMATION, CONTACT:

Tracia Rentsch, Cluster Specialist Tracia.Rentsch@state.sd.us



//// APPROVED CLUSTER COURSES

ARCHITECTURE AND CIVIL ENGINEERING 21102 Drafting & Design 17990 Construction Equipment 17991 Construction Equipment II CONSTRUCTION PLANNING AND DEVELOPMENT 17002 Construction Trades I 17003 Construction Trades II- Residential 17005 Finish Carpentry II 17006 Introduction to Architecture & Construction 17007 Finish Carpentry 21051 Introduction to Technology Education

CTE CONCENTRATORS

Complete any two approved cluster courses while in high school. Students may be concentrators in multiple clusters.

ADVANCED CAREER ENDORSEMENT

Two credits of approved cluster courses from the same cluster and/or capstone courses.

Earn an Industry Recognized Credential.

Complete other Graduation Requirements.

INDUSTRY RECOGNIZED CREDENTIALS



Visit <u>doe.sd.gov/cte/industry.aspx</u> for a full list of industry recognized credentials in this career cluster.

DUAL CREDIT COURSES



Visit the resources section on the <u>ourdakotadreams.com</u> dual credit page.

POST-SECONDARY OPTIONS



Visit <u>sdmylife.com</u> for more information about potential careers in this area and explore colleges and majors to further your education.

18000 Middle School Architecture & Construction
22000 Middle School Exploring CTE

22151 Career Exploration
22152 Employability
10004 Workplace Technology
22101 Leadership & Service
19262 Personal Finance

CAPSTONE/WORK-BASED LEARNING //////

22104 Service Learning
80018 Youth Internships
80019 Senior Experience
80020 Youth Apprenticeship
80026 Entrepreneurship Experience

12061 Entrepreneurial Skills
13001 Introduction to Manufacturing
13207 Welding Technology
17106 Electronics
18403 Fundamental Ag Structures Technology
20107 Diesel Technology

DIGITAL TECHNOLOGY

INVESTING IN THE FUTURE



FOR MORE INFORMATION, CONTACT:

Tracia Rentsch, Cluster Specialist Tracia.Rentsch@state.sd.us



APPROVED CLUSTER COURSES

INFORMATION TECHNOLOGY (IT) 10003 Introduction to Information Technology 10013 PLTW Computer Science Essentials 10014 PLTW Computer Science A 10015 PLTW Computer Science Principles 10019 AP Computer Science Principles 10052 Computer Science Principles

10152 Computer Programming
10153 Advanced Computer Programming
10157 AP Computer Science A

17106 Electronics

DATA SCIENCE & ARTIFICIAL INTELLIGENCE

NETWORK SYSTEMS AND CYBERSECURITY

10016 PLTW Cybersecurity

10101 Network Technologies

10108 Cybersecurity

14157 Introduction to Health Informatics

SOFTWARE SOLUTIONS

10251 Computer Hardware & Software

WEB AND CLOUD

10201 Web Development

10202 Advanced Web Development

CTE CONCENTRATORS

Complete any two approved cluster courses while in high school. Students may be concentrators in multiple clusters.

ADVANCED CAREER ENDORSEMENT

Two credits of approved cluster courses from the same cluster and/or capstone courses.

Earn an Industry Recognized Credential.

Complete other Graduation Requirements.

INDUSTRY RECOGNIZED CREDENTIALS



Visit <u>doe.sd.gov/cte/industry.aspx</u> for a full list of industry recognized credentials in this career cluster.

DUAL CREDIT COURSES



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POST-SECONDARY OPTIONS



Visit <u>sdmylife.com</u> for more information about potential careers in this area and explore colleges and majors to further your education.

18000 Middle School Digital Technology
22000 Middle School Exploring CTE

22151 Career Exploration
22152 Employability
10004 Workplace Technology
22101 Leadership & Service
19262 Personal Finance

CAPSTONE/WORK-BASED LEARNING //////

22104 Service Learning
80018 Youth Internships
80019 Senior Experience
80020 Youth Apprenticeship
80026 Entrepreneurship Experience

10005 Business Computer Applications
12061 Entrepreneurial Skills
13001 Introduction to Manufacturing
21001 Introduction to Engineering
21022 Computer Integrated Manufacturing
21050 Exploring STEM in CTE

FINANCIAL SERVICES

INVESTING IN THE FUTURE



FOR MORE INFORMATION, CONTACT:

Amber Rost, Cluster Specialist Amber.Rost@state.sd.us



APPROVED CLUSTER COURSES

ACCOUNTING
12104 Accounting I
12108 Accounting II
12109 Advanced Accounting
BANKING AND CREDIT
12101 Introduction to Financial Industries
12102 Principles of Banking

FINANCIAL STRATEGY & INVESTMENTS

12105 Business Economics

12107 Investment Planning

INSURANCE

12106 Principles of Insurance

CTE CONCENTRATORS

Complete any two approved cluster courses while in high school. Students may be concentrators in multiple clusters.

ADVANCED CAREER ENDORSEMENT

Two credits of approved cluster courses from the same cluster and/or capstone courses.

Earn an Industry Recognized Credential.

Complete other Graduation Requirements.

INDUSTRY RECOGNIZED CREDENTIALS



Visit <u>doe.sd.gov/cte/industry.aspx</u> for a full list of industry recognized credentials in this career cluster.

DUAL CREDIT COURSES



Visit the resources section on the <u>ourdakotadreams.com</u> dual credit page.

POST-SECONDARY OPTIONS



Visit <u>sdmylife.com</u> for more information about potential careers in this area and explore colleges and majors to further your education.

18000 Middle School Financial Services
22000 Middle School Exploring CTE

22151 Career Exploration
22152 Employability
10004 Workplace Technology
22101 Leadership & Service
19262 Personal Finance

CAPSTONE/WORK-BASED LEARNING //////

22104 Service Learning
80018 Youth Internships
80019 Senior Experience
80020 Youth Apprenticeship
80026 Entrepreneurship Experience

10005 Business Computer Applications
12054 Business Law
18201 Agribusiness Sales & Marketing
18202 Agribusiness Management
18203 Ag Leadership & Communications
19264 Consumer Resource Management

MANAGEMENT AND ENTREPRENEURSHIP

INVESTING IN THE FIITHRE



FOR MORE INFORMATION, CONTACT:

Amber Rost, Cluster Specialist Amber.Rost@state.sd.us



APPROVED CLUSTER COURSES

BUSINESS INFORMATION MANAGEMENT 10005 Business Computer Applications 10049 Advanced Business Computer Applications 12052 Business Management 12054 Business Law REGULATION ENTREPRENEURSHIP AND SMALL BUSINESS 12051 Introduction to Business 12061 Entrepreneurial Skills LEADERSHIP OPERATIONS

CTE CONCENTRATORS ADVANCED CAREER ENDORSEMENT

Complete any two approved cluster courses while in high school. Students may be concentrators in multiple clusters.

12056 International Business & Marketing

Two credits of approved cluster courses from the same cluster and/or capstone courses.

Earn an Industry Recognized Credential.

Complete other Graduation Requirements.

INDUSTRY RECOGNIZED CREDENTIALS



Visit <u>doe.sd.gov/cte/industry.aspx</u> for a full list of industry recognized credentials in this career cluster.

DUAL CREDIT COURSES



Visit the resources section on the <u>ourdakotadreams.com</u> dual credit page.

POST-SECONDARY OPTIONS



Visit <u>sdmylife.com</u> for more information about potential careers in this area and explore colleges and majors to further your education.

18000 Middle School Management & Entrepreneurship
22000 Middle School Exploring CTE

22151 Career Exploration
22152 Employability
10004 Workplace Technology
22101 Leadership & Service
19262 Personal Finance

CAPSTONE/WORK-BASED LEARNING //////

22104 Service Learning
80018 Youth Internships
80019 Senior Experience
80020 Youth Apprenticeship
80026 Entrepreneurship Experience

12105 Business Economics
12202 Principles of Selling
16152 Event Management
18201 Agribusiness Sales & Marketing
18202 Agribusiness Management
18203 Ag Leadership & Communications

MARKETING AND SALES

INVESTING IN THE FUTURE



FOR MORE INFORMATION, CONTACT:

Amber Rost, Cluster Specialist Amber.Rost@state.sd.us



APPROVED CLUSTER COURSES

MARKETING AND ADVERTISING

12056 International Business & Marketing

MARKETING RESEARCH, ANALYTICS, AND ETHICS

12152 Marketing Strategies

12163 Sports Entertainment Marketing

12164 Marketing Principles

12167 Marketing Research

12199 Marketing Communications

STRATEGIC SALES AND SERVICE

12202 Principles of Selling

CTE CONCENTRATORS

Complete any two approved cluster courses while in high school. Students may be concentrators in multiple clusters.

ADVANCED CAREER ENDORSEMENT

Two credits of approved cluster courses from the same cluster and/or capstone courses.

Earn an Industry Recognized Credential.

Complete other Graduation Requirements.

INDUSTRY RECOGNIZED CREDENTIALS



Visit <u>doe.sd.gov/cte/industry.aspx</u> for a full list of industry recognized credentials in this career cluster.

DUAL CREDIT COURSES



Visit the resources section on the $\underline{\text{ourdakotadreams.com}}$ dual credit page.

POST-SECONDARY OPTIONS



Visit <u>sdmylife.com</u> for more information about potential careers in this area and explore colleges and majors to further your education.

18000 Middle School Marketing & Sales
22000 Middle School Exploring CTE

22151 Career Exploration
22152 Employability
10004 Workplace Technology
22101 Leadership & Service
19262 Personal Finance

CAPSTONE/WORK-BASED LEARNING //////

22104 Service Learning
80018 Youth Internships
80019 Senior Experience
80020 Youth Apprenticeship
80026 Entrepreneurship Experience

10201 Web Development

10202 Advanced Web Development

10203 Multimedia Design

11001 Introduction to Arts, A/V Technology & Communications

12051 Introduction to Business

12061 Entrepreneurial Skills

18201 Agribusiness Sales & Marketing

18202 Agribusiness Management

