CTE Programs of Study Guide



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WHY CHOOSE A KATY ISD CTE PROGRAM OF STUDY?

Preparing Students for College • Career • Industry Success

- Specialized Skills
- Industry Certifications
- College Readiness
- Dual Credit Opportunities
- Hands-On Learning
- Career Success

Career Pathways • Industry-Based Certifications • Work-Based Learning • College & Career Ready

MISSION AND VISION

MISSION Statement
Katy ISD Career and Technical Education provides students with innovative experiences by aligning theory and application to develop technical and professional knowledge and skills for a successful future.

VISION Statement
Katy ISD Career and Technical Education collaborates with and supports teachers across all disciplines, so that students have the opportunity to make meaning of their learning in all areas through connections to industry. We provide industry-recognized opportunities for students which validate tangible skills that students may use to enter industry and/or postsecondary education.

CTE Programs of Study Offered on All High School Campuses



BUSINESS & INDUSTRY

Animal Science

9 Principles of Agriculture, Food, and Natural Resources
1 period Course Code 8110 (1cr)

10 Equine Science AND Small Animal Management
1 period Course Code 8145 (0.5cr) • 8170 (0.5cr)

11 Livestock and Poultry Production
1 period Course Code 8141 (1cr)

12 Advanced Animal Science OR Practicum in Agriculture, Food, and Natural Resources
1 period each Course Code 8144 (1cr)
Course Code 8125 (2cr)

Certification: Elanco Fundamentals of Animal Science



BUSINESS & INDUSTRY AND/OR STEM

Plant Science

9 Principles of Agriculture, Food, and Natural Resources
1 period Course Code 8110 (1cr)

10 Horticultural Science
1 period Course Code 8232 (1cr)

11 Floral Design (Art Credit)
1 period Course Code 8237 (1cr)

12 Practicum in Agriculture, Food, and Natural Resources
1 period Course Code 8125 (2cr)

Certifications: Benz School of Floral Design Principles of Floral Design Certification AND BASF Plant Science Certification



BUSINESS & INDUSTRY

Environmental & Natural Resources

9 Principles of Agriculture, Food, and Natural Resources
1 period Course Code 8110 (1cr)

10 Wildlife, Fisheries, and Ecology Management
1 period Course Code 8190 (1cr)

11 Range Ecology Management
1 period Course Code 8118 (1cr)

12 Practicum in Agriculture, Food, and Natural Resources
1 period Course Code 8125 (2cr)

Certification: Ducks Unlimited Ecology Conservation and Management



BUSINESS & INDUSTRY AND/OR STEM

Ag Welding

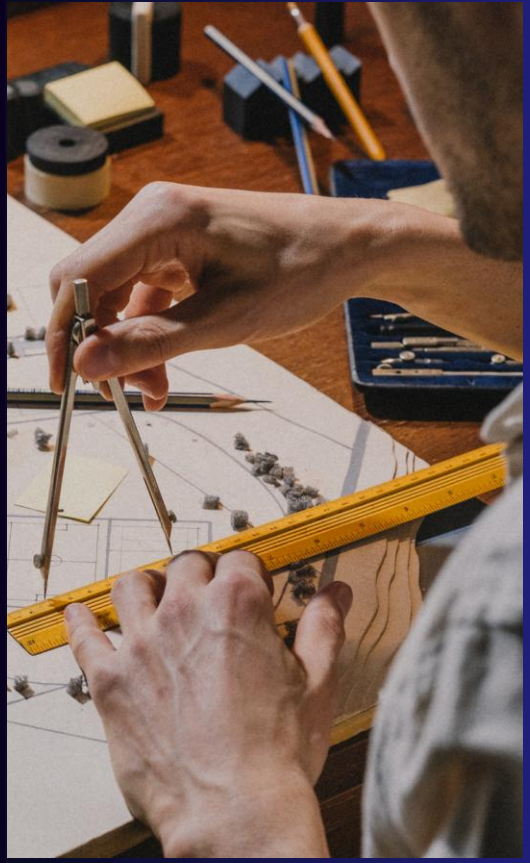
9
Principles of Agriculture, Food, and Natural Resources
1 period Course Code 8110 (1cr)

10
Agricultural Mechanics and Metal Technologies
1 period Course Code 8130 (1cr)

11
Agricultural Structures Design and Fabrication
1 period Course Code 8122 (1cr)

12
Agricultural Equipment Design and Fabrication
2 periods OR Course Code 8136 (2cr)
Practicum in Agriculture, Food and Natural Resources
1 period Course Code 8125 (2cr)

Certifications: AWS D9.1 Sheet Metal AND AWS D1.1 Structural Steel



BUSINESS & INDUSTRY AND/OR STEM

Architectural Drafting and Design

9 Interior Design
1 period Course Code 8198 (1cr)

10 Architectural Design I
1 period Course Code 8029 (1cr)

11 Civil Engineering and Architecture
1 period Course Code 8048 (1cr)

12 Architectural Design II
2 periods Course Code 8030 (2cr)

Certifications: Autodesk Certified User AutoCAD AND Autodesk Certified User Revit



BUSINESS & INDUSTRY

A/V Production

8/9 Principles of Arts, A/V Technology and Communications 1 period
Course Code 8037 (1cr)

10 Digital Communications in the 21st Century OR Digital Design and Media Production 1 period 2002(1cr) • 2004(1cr)

11 Audio Video Production I
1 period Course Code 8031 (1cr)

12 Audio Video Production II
1 period Course Code 8033 (1cr)

Certification: Adobe Certified Professional Premiere Pro



BUSINESS & INDUSTRY

Commercial Photography

8/9 Principles of Arts, A/V Technology and Communications
1 period Course Code 8037 (1cr)

10 Digital Art and Animation (Art Credit)
1 period Course Code 2005 (1cr)

11 Commercial Photography I
1 period Course Code 8009 (1cr)

12 Commercial Photography II
1 period Course Code 8013 (1cr)

Certification: Adobe Certified Professional Photoshop



BUSINESS & INDUSTRY

Graphic Design

8/9 Principles of Arts, A/V Technology, and Communications
1 period Course Code 8037 (1cr)

10 Digital Art and Animation (Art Credit)
1 period Course Code 2005(1cr)

11 Graphic Design and Illustration I
1 period Course Code 8053(1cr)

12 Graphic Design and Illustration II
1 period Course Code 8056 (1cr)

Certification: Adobe Certified Professional Illustrator



BUSINESS & INDUSTRY

Animation

8/9 Principles of Arts, A/V Technology, and Communications
1 period Course Code 8037 (1cr)

10 Digital Arts and Animation (Art Credit)
1 period Course Code 2005 (1cr)

11 Animation I
1 period Course Code 8036 (1cr)

12 Animation II
1 period Course Code 8026 (1cr)

Certification: Adobe Certified Professional After Effects



BUSINESS & INDUSTRY

Fashion Design

8/9 Principles of Arts, A/V Technology, and Communications
1 period Course Code 8037 (1cr)

10 Digital Art and Animation (Art Credit)
1 period Course Code 2005 (1cr)

11 Fashion Design I
1 period Course Code 8320 (1cr)

12 Fashion Design II
1 period Course Code 8321 (1cr)

Certification: Adobe Certified Professional Illustrator



BUSINESS & INDUSTRY

Accounting & Financial Services

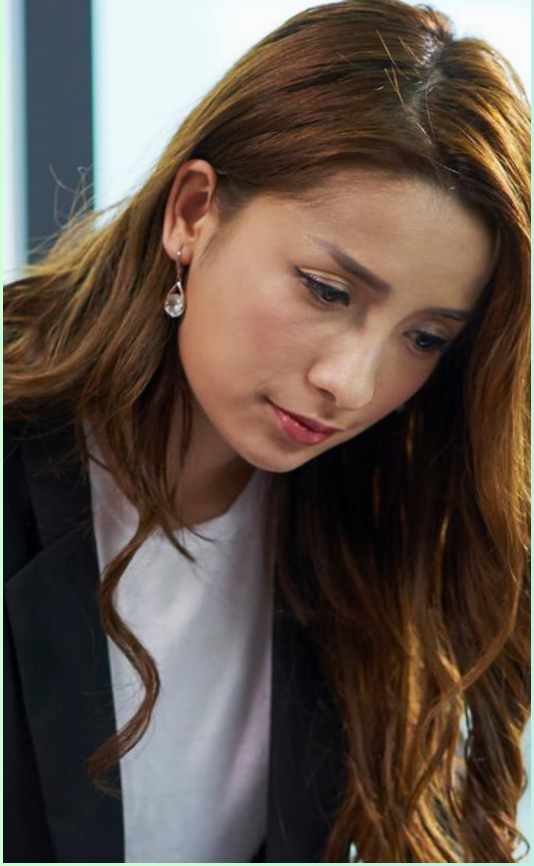
9 Principles of Business, Marketing, & Finance OR AP Business with Personal Finance
1 period Course Code 8540 (1cr)

10 Principles of Business Communication & Technologies I OR Principles of Business Communication & Technologies I Dual Credit
1 period Course Code 8601 (1cr) • Course Code 8600 (1cr)

11 Accounting I OR Accounting I Dual Credit
1 period
Course Code 8570 (1cr) • Course Code8571 (1cr)

12 Accounting II, Accounting II Dual Credit, OR Financial Math
1 period Course Code 8580 (1cr) • Course Code 8581 (1cr)
Course Code 8590 (1cr)

Certifications: Volunteer Income Tax Assistance Tax Counseling Certification Basic OR Volunteer Income Tax Assistance Volunteer for Elderly



BUSINESS & INDUSTRY

Business Management

9 Principles of Business, Marketing, & Finance OR AP Business with Personal Finance
1 period Course Code 8540 (1cr)

10 Principles of Business Communication & Technologies I OR Principles of Business Communication & Technologies I Dual Credit
1 period Course Code 8601 (1cr) • Course Code 8600 (1cr)

11 Business Communication & Technologies
1 period Course Code 8622 (1cr)

12 Practicum in Business Management
2 or 3 periods OR Business Management LVHS 1 period 8609 (2cr) • 8611 (3cr)

Certification: Entrepreneurship & Small Business



BUSINESS & INDUSTRY

Entrepreneurship

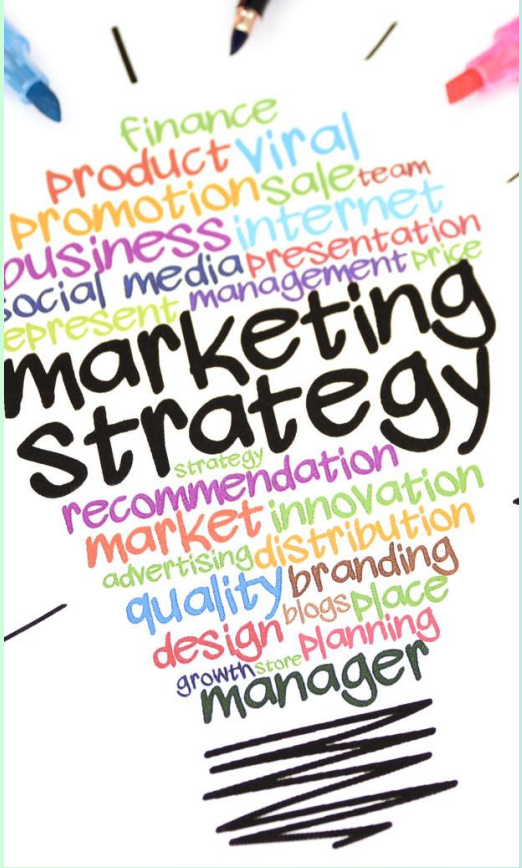
9 Principles of Business, Marketing, & Finance OR AP Business with Personal Finance
1 period Course Code 8540 (1cr)

10 Principles of Business Communication & Technologies I OR Principles of Business Communication & Technologies I Dual Credit
1 period 8601 (1cr) • 8600 (1cr)

11 Entrepreneurship I
1 period Course Code 8632 (1cr)

12 Entrepreneurship II
1 period Course Code 8683 (1cr)

Certification: Entrepreneurship & Small Business



BUSINESS & INDUSTRY

Marketing & Sales

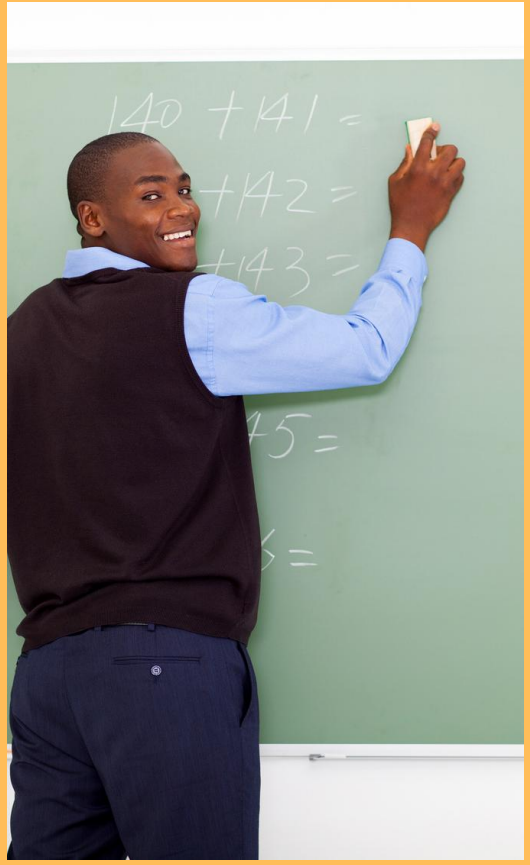
9 Principles of Business, Marketing, & Finance
OR AP Business with Personal Finance
1 period Course Code 8540 (1cr)

10 Sports and Entertainment Marketing I AND
Sports and Entertainment Marketing II
1 period 8633 (0.5cr) • 8665 (0.5cr)

11 Social Media Marketing AND Fashion Marketing
1 period 8668 (0.5cr) • 8629 (0.5cr)

12 Marketing in America
1 period Course Code 8543 (1cr)

Certification: Adobe Express and Entrepreneurship & Small Business



PUBLIC SERVICE

Teaching & Training

9 Principles of Education and Training OR Principles of Human Services
1 period 8994 (1cr) • 8353 (1cr)

10 Human Growth and Development
1 period Course Code 8995 (1cr)

11 Instructional Practices in Education and Training OR Dual Credit Instructional Practices
2 periods 8990 (2cr) • 8996 (2cr)

12 Practicum in Education and Training
2 periods Course Code 8991 (2cr)

Certification: Educational Aide I



Scan to see the degree plan

PUBLIC SERVICE

Dual Credit Teaching & Training: Associate of Arts in Teaching

9 Principles of Education and Training OR Principles of Human Services
1 period 8994 (1cr) • 8353 (1cr)

10 Human Growth and Development
1 period Course Code 8995 (1cr)

11 Instructional Practices Dual Credit
2 periods Course Code 8996 (2cr)

12 Practicum in Education and Training
2 periods Course Code 8991 (2cr)

Certification: Educational Aide I AND Houston Community College Associate of Arts in Teaching



PUBLIC SERVICE AND/OR STEM

Medical Assistant

9 **Principles of Health Science**
1 period Course Code 8093 (1cr)

10 **Medical Terminology**
1 period Course Code 8079 (1cr)

11 **Health Science Theory AND Anatomy and Physiology OR Anatomy and Physiology Dual Credit**
1 period each 8081 (1cr) • 0415 (1cr) • 0409 (1cr)

12 **Medical Assistant**
1 period Course Code 8077 (1cr)

Certification: Certified Clinical Medical Assistant



Scan to see the degree plan

PUBLIC SERVICE AND/OR STEM

Dual Credit Medical Assistant

Students must commit to taking the entire program to take this class

9 Principles of Health Science
1 period Course Code 8093 (1cr)

10 Medical Terminology Dual Credit**
1 period (HPRS 1201, MDCA 1313, MDCA 1409)
Course Code 8080 (1cr)

11 Health Science Theory Dual Credit** (HPRS 1304 and MDCA 1205)
1 period (1cr)

12 Practicum in Health Science Dual Credit** (MDCA1372, MDCA 1343, MDCA 1265 AND Certified Clinical Medical Assistant certification
2 periods Course Code 8072 (2cr)

Certification: Certified Clinical Medical Assistant AND HCC Level 1 Certificate Medical Scribe



PUBLIC SERVICE

Family & Community Services

9 Principles of Human Services
1 period Course Code 8353 (1cr)

10 Human Growth and Development
1 period Course Code 8995 (1cr)

11 Counseling and Mental Health
1 period Course Code 8312 (1cr)

12 Practicum in Human Services
2 periods Course Code 8344 (2cr)

Certification: Community Health Worker



Certifications: Autodesk Certified User AutoCAD AND Autodesk Certified User Inventor

BUSINESS & INDUSTRY AND/OR STEM

Engineering Foundations

8/9 **Principles of Applied Engineering**
1 period Course Code J8616/8616 (1cr)

9 **Engineering Design and Presentation**
1 period Course Code 8602 (1cr)

10 **Engineering Science KAP (Science Credit)**
1 period Course Code 8617 (1cr)

11 **Engineering Design and Problem Solving (Science Credit)**
1 period Course Code 8654 (1cr)

12 **Civil Engineering and Architecture**
1 period Course Code 8048 (1cr)



BUSINESS AND INDUSTRY
AND/OR STEM

Computer Science

9
Intro to Computer Science OR Computer Science I OR AP Computer Science Principles OR AP Computer Science A
1 period 2019 (1cr) • 2000 (1cr) • 2006 (1cr) • 0271 (1cr)

10
Computer Science II KAP OR Computer Science II Dual Credit OR AWS Advanced Cloud Computing KAP OR AP Computer Science A
1 period 2014 (1cr) • 2016 (1cr) • 8681 (1cr) • 0271 (1cr)

11
Computer Science Unity Game Development KAP OR Computer Science III Data Structures KAP
1 period 8680 (1cr) • 2010 (1cr)

12
Computer Science Independent Study KAP
1 period Course Code 2013 (1cr)

Certifications: AP Exam, AWS Certified Cloud Practitioner, IT Specialist Java, AND Unity Certified User-Programmer



BUSINESS & INDUSTRY AND/OR STEM

AP Cybersecurity

8 Principles of Information Technology
1 period Course Code J8644 (1cr)

9 Intro to Computer Science OR Computer Science I OR AP Computer Science Principles OR AP Computer Science A
1 period 2019(1cr) • 2000(1cr) • 2006(1cr) • 0271(1cr)

10 Another Course from 9th Grade Options OR Computer Science III Data Structures

11 AP Networking
1 period Course Code 8684 (1cr)

12 AP Cybersecurity I
1 period Course Code 8687 (1cr)

Certifications: AP Exam, CompTIA Network+, AND CompTIA Security+



BUSINESS & INDUSTRY

Career Preparation

11 **Career Preparation I for POS**
2 or 3 periods 8693(2cr) • 8695(3cr)

12 **Career Preparation II for POS**
2 or 3 periods 8694(2cr) • 8696(3cr)

Students must take 2 courses within the same Program of Study prior to taking Career Preparation I



OFFERED ONLY AT KATY HIGH SCHOOL

BUSINESS & INDUSTRY

Manufacturing Technology

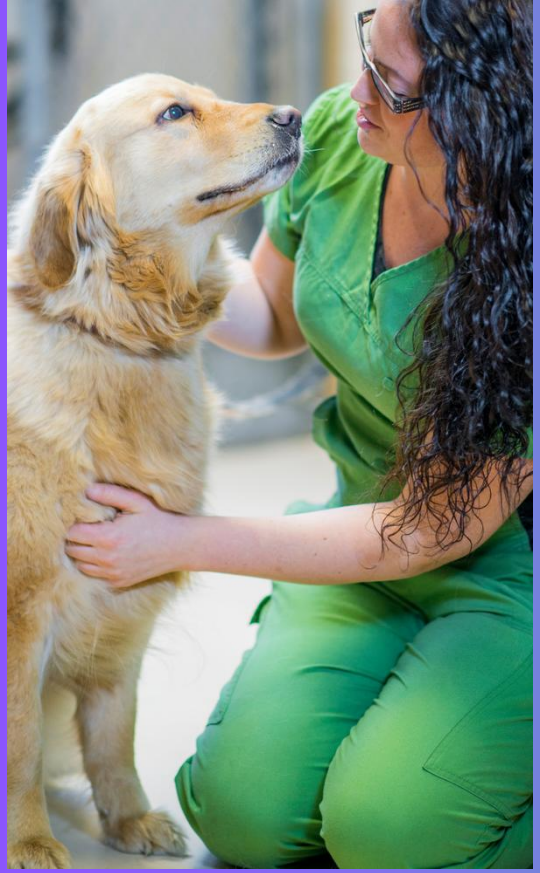
8/9 Principles of Applied Engineering
1 period at KHS Course Code J8616/8616 (1cr)

8/9 Principles of Manufacturing
1 period at KHS Course Code J8043/8043 (1cr)

10/11 Diversified Manufacturing I
1 period at KHS Coruse Code 8040 (1cr)

11/12 Diversified Manufacturing II
1 period at KHS Course Code 8047 (1cr)

CTE Programs of Study Offered at Miller Career Center



OFFERED ONLY AT MILLER CAREER CENTER

BUSINESS & INDUSTRY AND/OR STEM

Animal Science: Certified Vet Assistant

9 Principles of Agriculture, Food, and Natural Resources
1 period Course Code 8110 (1cr)

10 Equine Science AND Small Animal Management
1 period 8145 (0.5cr) • 8170 (0.5cr)

11 Veterinary Science
2 periods at MCTC Course Code 8147V (2cr)

12 Practicum in Vet Assisting
2 periods at MCTC Course Code 8148V (2cr)

Certifications: Elanco Fundamentals of Animal Science AND Certified Veterinary Assistant



OFFERED ONLY AT MILLER CAREER CENTER

BUSINESS & INDUSTRY AND/OR STEM

Architectural Drafting and Design with Internship

9 **Interior Design**
1 period Course Code 8198 (1cr)

10 **Architectural Design I**
1 period Course Code 8029 (1cr)

11 **Architectural Design II**
2 periods at MCTC Course Code 8030 (2cr)

12 **Practicum in Architectural Design**
2 periods at MCTC Course Code 8001V (2cr)

Certifications: Autodesk Certified User AutoCAD AND Autodesk Certified User Revit



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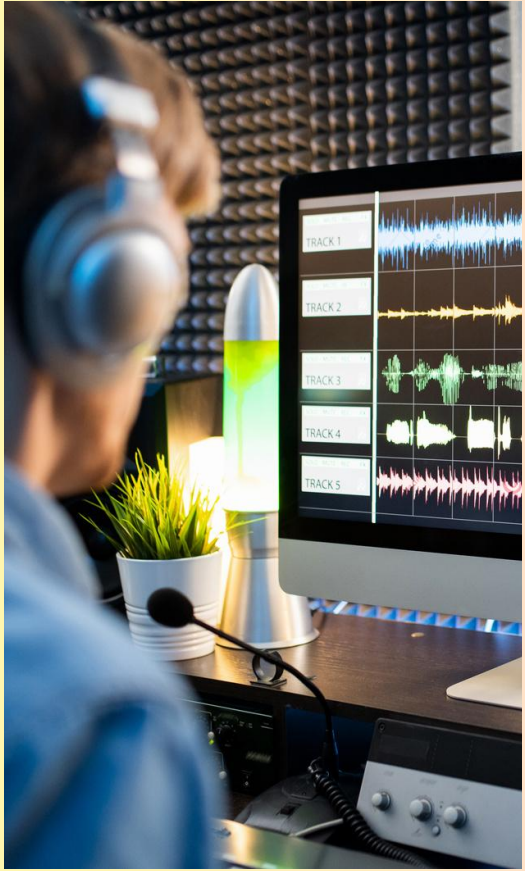
BUSINESS & INDUSTRY

Construction Management & Inspection

11 **Principles of Construction and Construction Trades I**
2 periods at MCTC 8024V (1cr) • 8192V (2cr)

12 **Construction Trades II**
2 periods at MCTC 8196V (2cr)

Certifications: NCCER Core



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BUSINESS & INDUSTRY

Audio Production

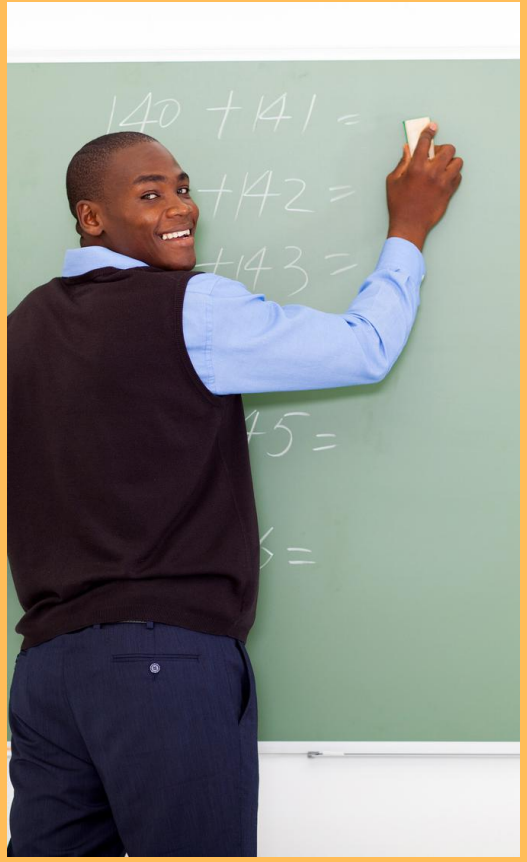
9 Principles of Arts, A/V Technology, and Communications OR Digital Communications in the 21st Century
1 period 8037 (1cr) • 2002 (1cr)

10 A/V Production I
1 period Course Code 8031 (1cr)

11 Digital Audio I AND Digital Audio II **
2 periods 8027V (2cr) • 8028V (2cr)

12 Practicum in Digital Audio**
2 periods Course Code 8682V (2cr)

Certifications: Dante Level 1



PUBLIC SERVICE

Teaching & Training

9 Principles of Education and Training OR Principles of Human Services
1 period 8994 (1cr) • 8353 (1cr)

10 Human Growth and Development
1 period Course Code 8995 (1cr)

11 Instructional Practices in Education and Training OR Dual Credit Instructional Practices
2 periods 8990V (2cr) • 8996 (2cr)

12 Practicum in Education and Training
2 periods Course Code 8991V (2cr)

OFFERED AT MILLER CAREER CENTER AND HIGH SCHOOL CAMPUSES

Certification: Educational Aide I



PUBLIC SERVICE AND/OR STEM

Clinical Rotations

9 Principles of Health Science
1 period Course Code 8093 (1cr)

10 Medical Terminology
1 period Course Code 8079 (1cr)

11 Health Science Theory
1 period Course Code 8081 (1cr)

12 Practicum in Health Science: Clinical Rotations
2 periods Course Code 8082V (2cr)

OFFERED ONLY AT MILLER CAREER CENTER

Certification: Patient Care Technician AND EKG



PUBLIC SERVICE AND/OR STEM

Dental Assisting

9 Principles of Health Science
1 period Course Code 8093 (1cr)

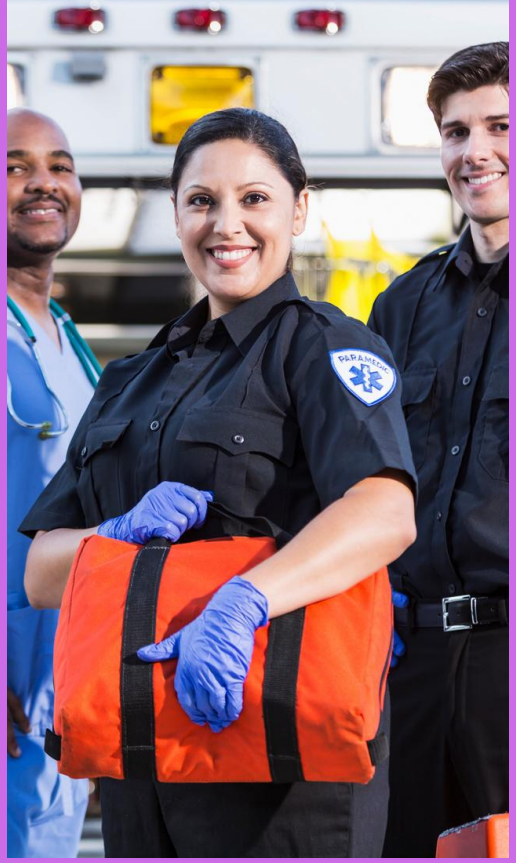
10 Medical Terminology
1 period Course Code 8079 (1cr)

11 Health Science Theory
1 period Course Code 8081 (1cr)

12 Dental Assisting I AND Dental Assisting II
2 periods 8075V (2cr) • 8076V (2cr)

OFFERED ONLY AT MILLER CAREER CENTER

Certification: Registered Dental Assistant X-Ray Certification AND Certified Dental Assistant



PUBLIC SERVICE AND/OR STEM

Emergency Medical Technician

9 Principles of Health Science
1 period Course Code 8093 (1cr)

10 Medical Terminology
1 period Course Code 8079 (1cr)

11 Health Science Theory
1 period Course Code 8081 (1cr)

12 Emergency Medical Technician (EMT)
2 periods Course Code 8085V (2cr)

OFFERED ONLY AT MILLER CAREER CENTER

Certification: Emergency Medical Technician



OFFERED ONLY AT MILLER CAREER CENTER

PUBLIC SERVICE AND/OR STEM

Pharmacy Technician

9 **Principles of Health Science**
1 period Course Code 8093 (1cr)

10 **Medical Terminology**
1 period Course Code 8079 (1cr)

11 **Health Science Theory**
1 period Course Code 8081 (1cr)

12 **Pharmacy I AND Pharmacy II AND Pharmacology**
3 periods 8087V (1cr) • 8088V (1cr) • 8097V (1cr)

Certification: Pharmacy Technician



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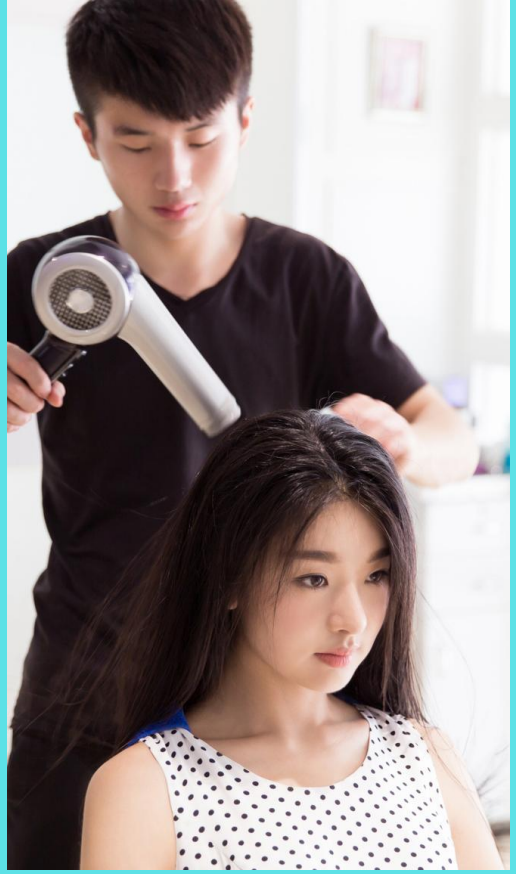
BUSINESS & INDUSTRY

Culinary Arts

11 **Culinary Arts AND Foundations in Restaurant Management**
2 periods 8371V (2cr) • 8364V (1cr)

12 **Practicum in Culinary Arts**
2 periods Course Code 8373V (2cr)

Certification: ServSafe Manager



OFFERED ONLY AT MILLER CAREER CENTER

BUSINESS AND INDUSTRY

Cosmetology and Personal Care Services

11 Introduction to Cosmetology AND Cosmetology I
3 periods 8743V (1cr) • 8744V (2cr)

12 Cosmetology Design and Color Theory AND Cosmetology II
3 periods 8751V (1cr) • 8752V (2cr)

Certification: Cosmetology Operator License



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BUSINESS & INDUSTRY AND/OR STEM

Networking Systems

8 Principles of Information Technology
1 period Course Code J8644 (1cr)

9 Intro to Computer Science OR Computer Science I OR AP Computer Science Principles OR AP Computer Science A 1 period 2019 (1cr) • 2000 (1cr) • 2006 (1cr) • 0271 (1cr)

10 AWS Advanced Cloud Computing KAP OR Unity Game Development KAP OR Computer Science III Data Structures KAP 1 period
8681 (1cr) • 8680 (1cr) • 2010 (1cr)

11 Network Engineering I
2 periods Course Code 8685V (2cr)

12 Network Engineering II
2 periods Course Code 8686V (2cr)

Certifications: AP Exam, AWS Certified Cloud Practitioner, Unity Certified User Programmer, CompTia Network+, AND Cisco CCNA Implementing and Administering Cisco Solutions



OFFERED ONLY AT MILLER CAREER CENTER

BUSINESS & INDUSTRY AND/OR STEM

Computer Technician

8 Principles of Information Technology
1 period Course Code J8644 (1cr)

9 Intro to Computer Science OR Computer Science I OR AP Computer Science Principles OR AP Computer Science A
1 period 2019 (1cr) • 2000 (1cr) • 2006 (1cr) • 0271 (1cr)

10 AWS Advanced Cloud Computing KAP OR Unity Game Development KAP OR AP Computer Science A OR Computer Science III Data Structures
1 period 8681 (1cr) • 8680 (1cr) • 0271 (1cr) • 2010 (1cr)

11 Computer Technician
2 periods Course Code 8664V (2cr)

12 Practicum in Computer Technician
2 periods Course Code 8688V (2cr)

Certifications: AP Exam, AWS Certified Cloud Practitioner, Unity Certified User Programmer, CompTia Tech+, AND CompTIA A+ Certification



OFFERED ONLY AT MILLER CAREER CENTER

BUSINESS & INDUSTRY AND/OR STEM

Cybersecurity

8 Principles of Information Technology
1 period Course Code J8644 (1cr)

9 Intro to Computer Science OR Computer Science I OR AP Computer Science Principles OR AP Computer Science A
1 period 2019(1cr) • 2000(1cr) • 2006(1cr) • 0271(1cr)

10 Intro to Computer Science OR Computer Science I OR AP Computer Science Principles OR AP Computer Science A OR AWS Advanced Cloud Computing KAP OR Unity Game Development KAP 1 period
2019 • 2000 • 2006 • 0271 • 8681 • 8680 (1cr each)

11 Cybersecurity I AND Cybersecurity II
2 periods 8678V (2cr) • 8679V (2cr)

12 Practicum in Cybersecurity
2 periods Course Code 8689V (2cr)

Certification: Cybersecurity Analyst (CySA+) AND CompTIA Security+



PUBLIC SERVICE

Law Enforcement

11 Law Enforcement I AND Law Enforcement II
2 periods 8970V (2cr) • 8976V (2cr)

12 Criminal Investigations AND Correctional Services OR Practicum in Law
2 periods 8984V (2cr) • 8977V (2cr) • 8985V (3cr)

Certification: IAED Emergency Telecommunicator

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OFFERED ONLY AT MILLER CAREER CENTER

PUBLIC SERVICE

Legal Studies

11 **Court Systems and Practices AND Advanced Legal Systems**
2 periods 8972V (2cr) • 8987V (2cr)

12 **Extended Practicum in Law, Public Safety, Corrections, and Security**
3 periods Course Code 8985V (3cr)

Certification: General Management



OFFERED ONLY AT MILLER CAREER CENTER

BUSINESS & INDUSTRY AND/OR STEM

Robotics and Automation

8/9 **Principles of Manufacturing**
1 period Course Code J8043/8043 (1cr)

8/9 **Principles of Applied Engineering**
1 period Course Code J8616/8616 (1cr)

10 **Engineering Design and Presentation**
1 period Course Code 8602 (1cr)

11 **Manufacturing Engineering Technology I AND Manufacturing Engineering II**
2 periods Course Code 8057V (1cr) • 8058V (1cr)

12 **Practicum in Manufacturing**
2 periods Course Code 8059V (2cr)

Certifications: C101 Certified Industry 4.0 Associate AND C201 Certified Industry 4.0 Electrical Systems and Autodesk Fusion 360



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BUSINESS & INDUSTRY AND/OR STEM

Engineering Foundations

8/9 Principles of Applied Engineering
1 period Course Code J8616/8616 (1cr)

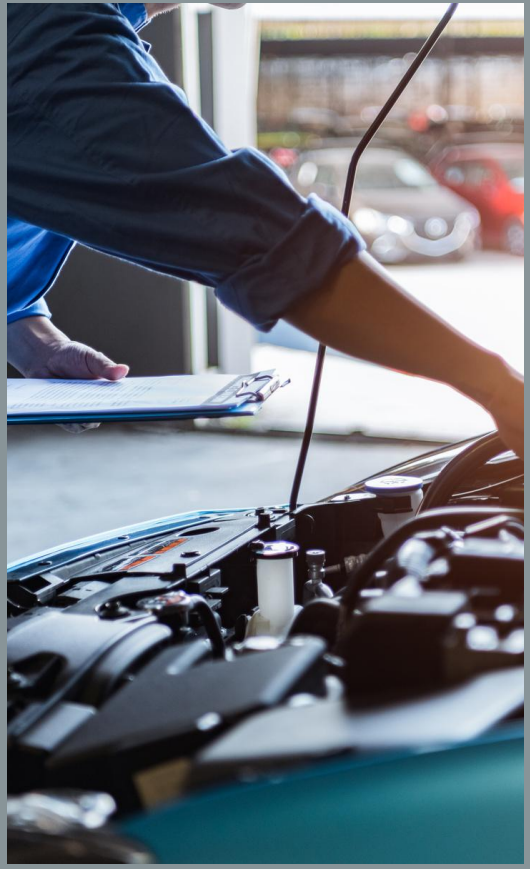
9 Engineering Design and Presentation
1 period Course Code 8602 (1cr)

10 Engineering Science KAP (Science Credit)
1 period Course Code 8617 (1cr)

11 Engineering Design and Problem Solving (Science Credit)
1 period Course Code 8654 (1cr)

12 Practicum in Engineering
2 periods Course Code 8660V (2cr)

Certifications: Autodesk Associate AutoCAD and Autodesk Associate Inventor



OFFERED ONLY AT MILLER CAREER CENTER

BUSINESS & INDUSTRY

Automotive

11 **Automotive Basics AND Automotive Technology I**
3 periods Course Code 8707V (1cr) • 8700V (2cr)

12 **Automotive Technology II and Lab**
3 periods Course Code 8715V (3cr)

Certifications: ASE Entry-Level BR, EE, MR, SS
ASE Entry-Level AT, AST, EP, ER, AC, AND MD



Scan to see the degree plan

BUSINESS & INDUSTRY

Dual Credit Real Estate

All courses taken in 12th Grade

Fall

Fundamentals of Real Estate, Business Law, AND Practicum in Entrepreneurship A
3 Periods 8690(2cr) • 8510(1cr) • 8691U(2cr)

Spring

Practicum in Entrepreneurship B
3 Periods Course Code 8692U (2cr)

Certifications:
Residential Real Estate License and
HCC Level I Certificate

OFFERED AT MILLER CAREER CENTER



ONLY OFFERED AT
MILLER CAREER CENTER

BUSINESS & INDUSTRY

Commercial Drivers License (CDL)*

12

Practicum in Automotive
3 periods Course Code 8715V (3cr)

Certification: CDL

***Students participating in this program do not complete a Program of Study**



BUSINESS & INDUSTRY

Water Operation Licensing Program

12

Practicum in Agriculture, Food, and Natural Resources
2 periods Course Code 8125 (2cr)

Certifications: Water Operators, Class D

***Students participating in this program do not complete a Program of Study**



BUSINESS & INDUSTRY

Underground Utilities Apprenticeship

12

Principles of Construction, Principles of Architecture, and Practicum/Extended Practicum in Construction Trades

3 Periods 8024V(1cr) • 8196V(2cr)

Certifications: NCCER Core

CTE Programs of Study Offered at Mayde Creek High School



PUBLIC SERVICE

Navy Junior Reserve Officer Training Corps (NJROTC)

9 Naval Science I
1 period Course Code 8780 (1cr)

10 Naval Science II
1 period Course Code 8782 (1cr)

11 Naval Science III
1 period Course Code 8784 (1cr)

12 Naval Science IV
1 period Course Code 8786 (1cr)

All students will be bussed to Mayde Creek High School to attend these classes

Additional CTE Electives

Additional CTE Electives

Business Law----------	1 period	8510(1cr)
Business Management LVHS----------	1 period	
Dollars and Sense----------	1 period	8354(0.5cr)
Financial Math----------	1 period	8590(1cr)
Interpersonal Studies----------	1 period	8330(0.5cr)
Lifetime Nutrition and Wellness----------	1 period	8311(0.5cr)
Principles of Hospitality and Tourism----------	1 period	8362(1cr)
Professional Communications----------	1 period	1520(0.5cr)
*Project Based Research I----------	1 period	8550U(1cr)
*Project Based Research II----------	1 period	8555U(1cr)
*Project Based Research III----------	1 period	8556U(1cr)
*Student to Industry Connection----------	1 period	8557U(1cr)

*Only offered at Raines Academy