

CTE Programs of Study Guide



Office Phone:
(281) 396-2633

Office Email:
katyisdcte@katyisd.org

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 AND/OR STEM

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 2026-2027**



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**

2026-2027



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

2026-2027



BUSINESS & INDUSTRY

A/V Production

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**

2026-2027



BUSINESS & INDUSTRY

Commercial Photography

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**

2026-2027



BUSINESS & INDUSTRY

Graphic Design

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

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

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**

2026-2027



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 Code 8571 (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 AND
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**

2026-2027



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)



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

Principles of Applied Engineering
1 period Course Code 8616 (1cr)

9

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

10

Engineering Science (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

2026-2027



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+**

2026-2027



BUSINESS & INDUSTRY

Career Preparation

11

Career Preparation I for POS

2 or 3 periods 8693(2cr) • 8695(3cr)

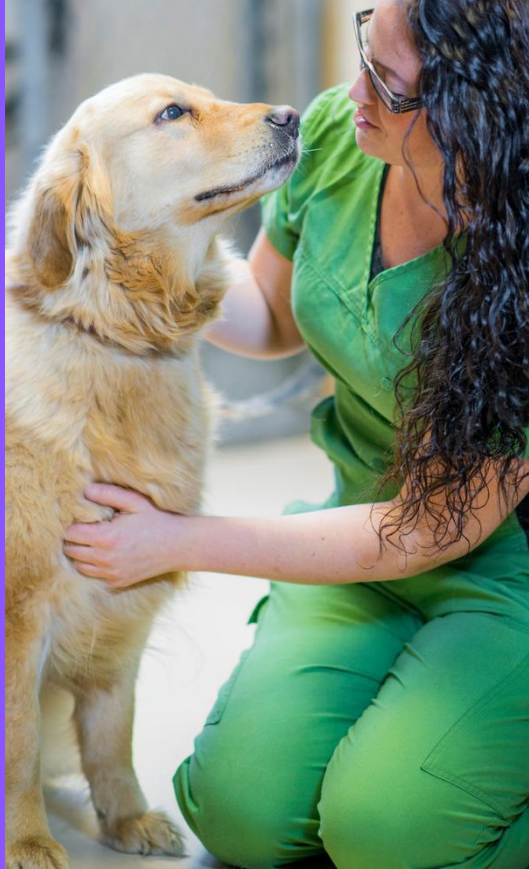
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Career Preparation II for POS

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**

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**

2026-2027



**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

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**

2026-2027



**OFFERED ONLY AT MILLER
CAREER CENTER**

BUSINESS & INDUSTRY

Construction Trades

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 and
LEED Green Associate**



**OFFERED ONLY AT MILLER
CAREER CENTER**

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: Adobe Certified Professional
Premiere Pro AND Dante Level 1**



Offered at Miller Career
Center and High School
Campuses

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)

Certification: Educational Aide I



**OFFERED ONLY AT MILLER
CAREER CENTER**

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)

**Certification: Patient Care Technician
AND EKG**



**OFFERED ONLY AT MILLER
CAREER CENTER**

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)

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



**OFFERED ONLY AT MILLER
CAREER CENTER**

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)

**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



**OFFERED ONLY AT MILLER
CAREER CENTER**

BUSINESS & INDUSTRY

Culinary Arts

11

**Culinary Arts AND Foundations in
Restaurant Management**

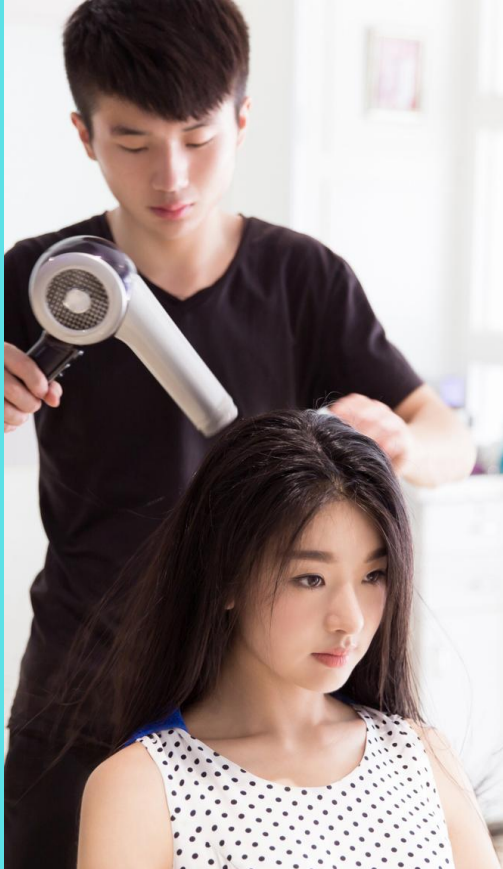
2 periods 8371V (2cr) • 8364V (1cr)

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**



**OFFERED ONLY AT MILLER
CAREER CENTER**

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)

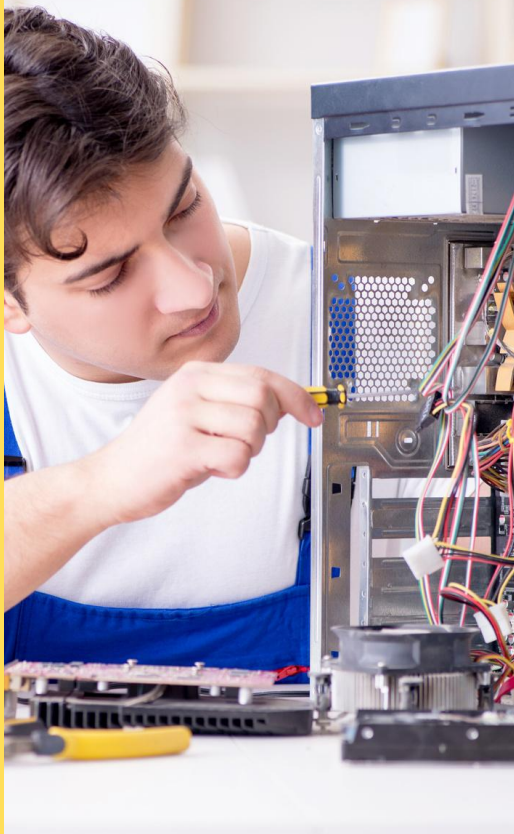
12

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**

2026-2027



**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**

2026-2027



**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+**

2026-2027



**OFFERED ONLY AT MILLER
CAREER CENTER**

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**



**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

Principles of Manufacturing
1 period Course Code 8043 (1cr)

9

Principles of Applied Engineering
1 period Course Code 8616 (1cr)

10

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

11

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

12

Practicum in Manufacturing
2 periods Course Code 8059V (2cr) = MILLER

**Certifications: C101 Certified Industry 4.0 Associate
AND C201 Certified Industry 4.0 Electrical Systems**

2026-2027



**OFFERED ONLY AT MILLER
CAREER CENTER**

BUSINESS & INDUSTRY AND/OR STEM Engineering Foundations

8

Principles of Applied Engineering

1 period Course Code 8616 (1cr)

9

Engineering Design and Presentation

1 period Course Code 8602 (1cr)

10

**Engineering Science (Science Credit) OR
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 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

Offered at Miller



Offered only at Miller

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