

# Dual Enrollment Guided Pathways

2025 – 2026



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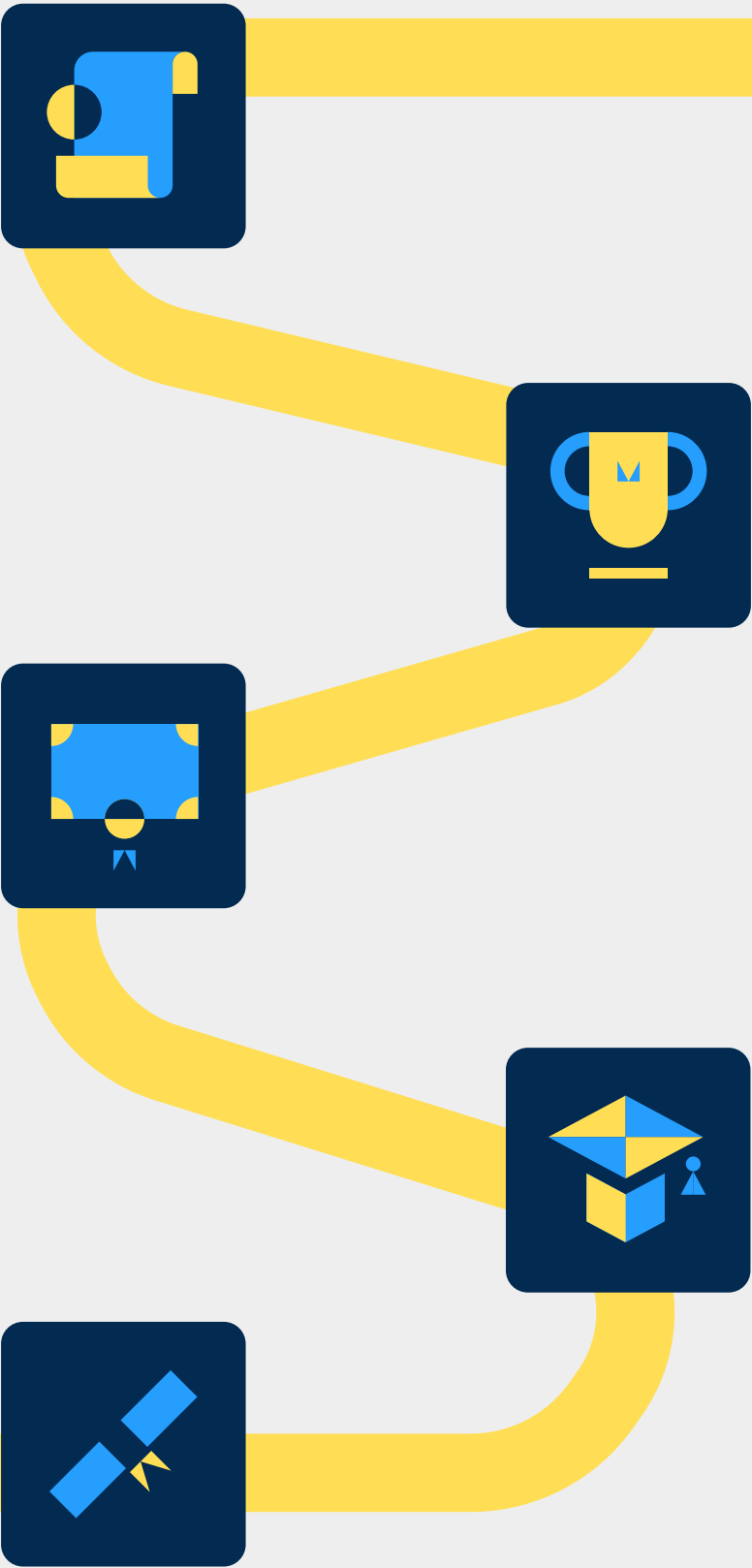
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Welcome to the Miami Dade College (MDC) Dual Enrollment Guided Pathways Manual. Our goal is to empower our students to achieve their academic and career aspirations by providing clear, accessible, and engaging information about MDC’s dual enrollment program options.



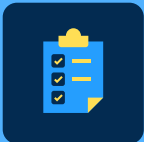
Guided Pathways

This resource manual outlines the guided pathways available throughout a student’s dual enrollment journey, offering a range of academic and career-related courses, as well as industry-recognized credentials that align with students' interests and future goals.



Fast-Track to Career Readiness

For students seeking to shorten their time to degree and enter the job market more quickly, this guide offers a plan to acquire the essential skills needed to meet the demands of the 21st century workforce from the start.



Benefits

Establishing a dual enrollment plan and adhering to a guided pathway can help students transition from high school to postsecondary education with accumulated credits and credentials. Additionally, certain pathways provide industry-recognized credentials that verify students' skills and improve their employment prospects.



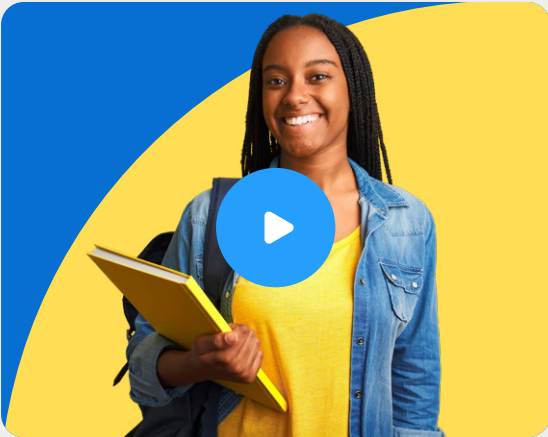
Resources

Regardless of your current stage in high school, this guide offers resources to help you establish a dual enrollment pathway, saving both time and money.

1 Explore MDC’s Guided Pathways



MDC's Degree and Certificate Program Pathways



What is a Dual Enrollment Guided Pathway?

2 Discuss and Decide



Talk with your high school counselor advisor and parent/guardian about the pathways you’re interested in exploring.

3 Start or Continue Your Dual Enrollment Journey

Enroll in MDC Dual Enrollment Program:



Choose a program aligned with your career interests



Earn stackable credentials tailored to their career goals and interests.

# Frequently Asked Questions

Do I need to be enrolled at Miami Dade College to participate in the Dual Enrollment Guided Pathways Program?

Yes, all participants must be enrolled at Miami Dade College (MDC) as dual enrollment students.

What if my GPA and test scores aren't high enough for regular dual enrollment? Can I still take college courses?

Yes! If your GPA and test scores aren't high enough for regular dual enrollment, you can still take college courses through the [COLLEGE CONNECT Program](#). High school students with a 2.5 unweighted GPA who don't meet the usual eligibility requirements can enroll in these courses. You can take up to 12 credits before you need to demonstrate college readiness in reading, writing, and mathematics. Middle school students must meet the 3.0 GPA requirement and pass all 3 sections of the college placement examination.

Can I receive credit for completing a high school academy if I graduated from high school more than a year ago?

If your MDC degree program is aligned to your previously completed High School Academy, please submit a [Career Pathways Credit Request](#) for MDC's Office of Prior Learning Assessment to evaluate.

How do I know what High School Academies are at my school?

Visit MDC's [Career Pathway Program website](#) for information on your school's high school academies and the credit awards you can earn towards your degree at MDC by completing an academy.

Is it possible to follow a guided pathway if my school does not offer the high school academy program?

Yes! High school students who meet the [eligibility criteria](#) can apply for MDC's Dual Enrollment Program, which allows them to pursue any of the guided pathways described in this manual.

Would I be able to use my Advanced Placement (AP), International Baccalaureate (IB), Cambridge Advanced International Certificate of Education (AICE) Courses in place of a dual enrollment course?

Yes! High school students who earn credit through AP, IB, and Cambridge AICE can use these courses in place of the recommended and equivalent dual enrollment courses. MDC has established additional course substitutions for each pathway in these cases.

How do I receive college credit for completing all required courses in my high school academy?

After high school, enroll at MDC in a degree program that matches your career academy and submit a [Career Pathways Credit Request](#) for evaluation by MDC's Office of Prior Learning Assessment.

Do I receive dual enrollment credit for the work I complete if I decide to switch pathways?

Yes! The dual enrollment credits that students earn at MDC count toward high school graduation and can also be applied to a college degree or certificate.

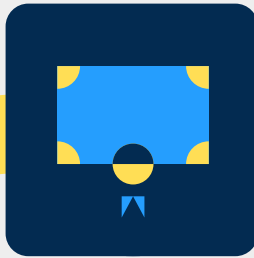
Can I use this Guided Pathways Manual if I begin dual enrollment courses in my sophomore, junior, or senior year in high school?

Yes! This resource was designed with an understanding that NOT all students begin dual enrollment courses during their freshman year.

Can I use credit earned for completion of a high school academy towards a different college degree program?

It depends on whether the credits earned are required for your new degree program. To determine this, please schedule an appointment with an [MDC Academic Advisor](#).

**If you have additional questions, please contact:**  
**[districtde@mdc.edu](mailto:districtde@mdc.edu)**



# Agriculture, Food and Natural Resources

# Horticulture Sciences and Services

## High School Academy

8106810  
Agriscience  
Foundations 1

8121510  
Introductory  
Horticulture 2

8121520  
Introductory  
Horticulture 3

\*Academy students – upon completing all credits above during high school you will earn nine credits for the following MDC courses:  
HOS 1010 Horticulture 1 (3cr),  
ORH 1251 Nursery Practices 1 (3cr),  
ORH 2949 Landscape Technology Internship (3cr).

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.



College Credit Certificate (CCC)

Horticulture Professional

Horticulture Specialist

Associate in Science (AS)

Landscape & Horticulture Technology

Bachelor of Applied Science (BAS)

Leadership and Management Innovation

## Recommended Dual Enrollment Guided Pathway

Explore your potential - ask your CAP advisor about MDC College Connect program!

Year 1

SLS 1510  
Preparing for Student Success  
Fall

ENC 1101  
English Composition 1  
Spring  
or  
CGS 1060C  
Introduction to Computer Technology & Applications

AMH 2020  
History of US Since 1877  
Summer  
or  
POS 2041  
American Federal Government  
or  
AMH 2010  
History of the US to 1877

Year 2

\*HOS 1010  
Horticulture & HUMANITIES  
Fall  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000

IPM 2112  
Principles of Entomology  
Spring

MAC 1105  
College Algebra  
Summer

Year 3

NATURAL SCIENCE  
Fall  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053

\*ORH 1251  
Nursery Practices 1 & ELECTIVE  
Spring  
Departmental Recommendation

\*ORH 2949  
Landscape Technology Internship  
Summer

Year 4

BOT 2150C  
Native Plant Identification & Usage in South Florida & ORH 1510  
Landscape Plant Identification  
Fall

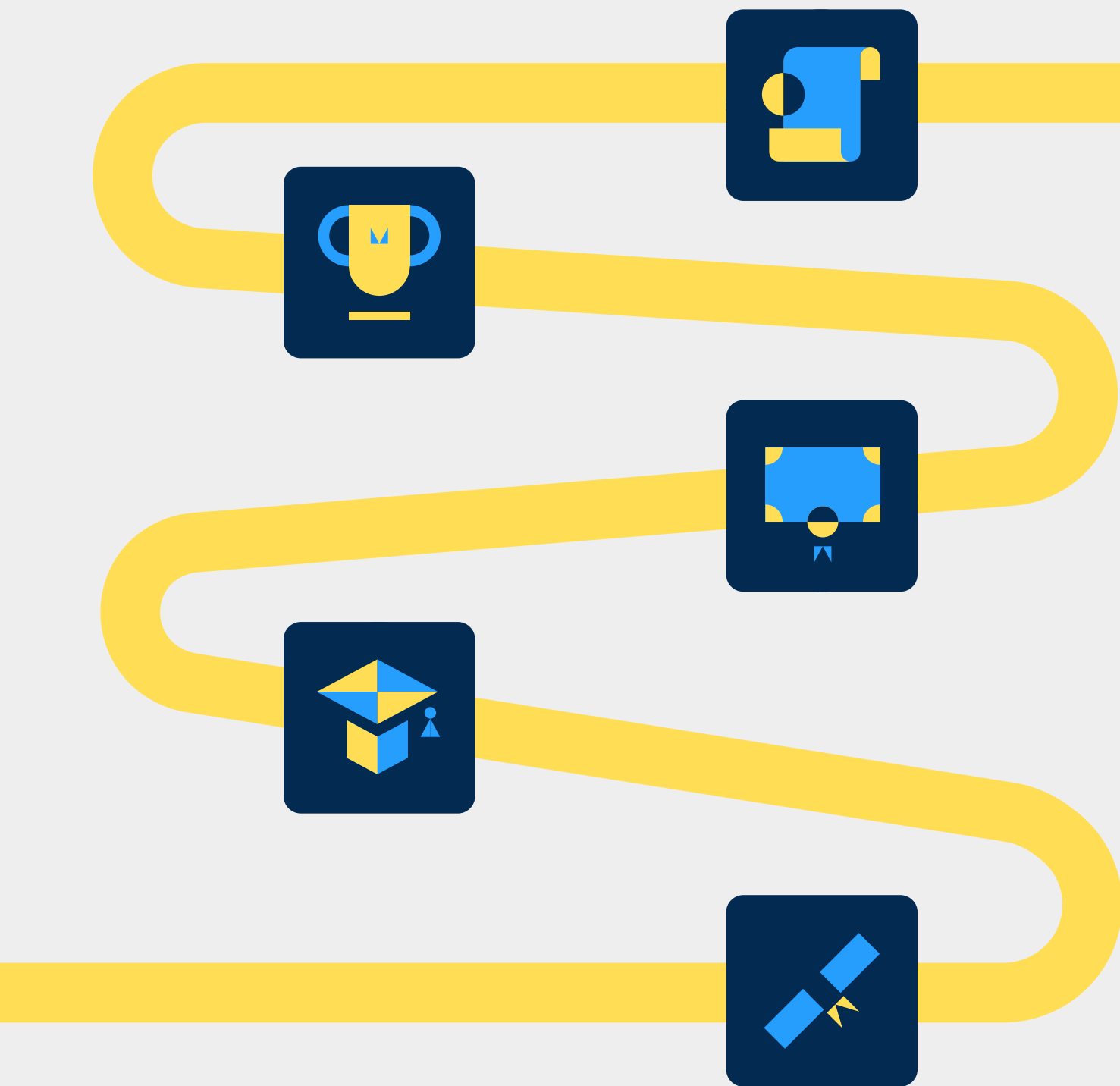
SPM 1000  
Small Business Management & ELECTIVE  
Spring  
Departmental Recommendation



Check out this video to learn more

Exciting Possible Careers: Agricultural Technician / Soil & Plant Scientist / Biologist / And more at [www.mynextmove.org](http://www.mynextmove.org)





# Architecture and Construction



# Building Trades and Construction Design Technology

## High School Academy

8722010  
Building Trades and Construction Design Technology 1  
**or**  
BCV 0080  
Building Construction Assistant

8720320  
Building Construction Technologies 2 &  
8720330  
Building Construction Technologies 3

8720340  
Building Construction Technologies 4  
**or**  
BCV 0081  
Carpentry and Masonry Technician

8722050  
Building Trades and Construction Design Technology 5  
**or**  
BCV 0082  
Electrical and Plumbing Technician

8722060  
Building Trades and Construction Design Technology 6  
**or**  
BCV 0083  
Building Maintenance Technician

\*Academy students – upon completing all credits above during high school you will earn three credits for the following MDC courses: BCN 1272 Building Construction Plans Interpretation 1 (3cr).

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.

College Credit Certificate (CCC)

Building Construction Specialist

Associate in Science (AS)

Building Construction Technology

Bachelor of Applied Science (BAS)

Leadership and Management Innovation

## Recommended Dual Enrollment Guided Pathway

Jumpstart your career – take college courses while in high school at no cost!

Year 1

SLS 1510  
Preparing for Student Success  
**Fall**

ENC 1101  
English Composition 1  
**Spring**  
**or**  
CGS 1060C  
Introduction to Computer Technology & Applications

AMH 2020  
History of US Since 1877  
**Summer**  
**or**  
POS 2041  
American Federal Government  
**or**  
AMH 2010  
History of the US to 1877

Year 2

ARC 1126C  
Architectural Drawing  
**Fall**

BCN 1272  
Building Construction Plans Interpret 1 &  
ARC 2171  
Computer Aided Drafting 1  
**Spring**

MAC 1105  
College Algebra  
**Summer**  
**or**  
MAC 1114  
Trigonometry  
**or**  
NATURAL SCIENCE (Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053

Year 3

BCN 1275  
Building Construction Plans Interpret 2 &  
BCT 1750  
Building Construction Financing  
**Fall**

BCT 1770  
Building Construction Estimating Fundamentals &  
BCT 1743  
Building Construction Law  
**Spring**

HUMANITIES (Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000  
**Summer**  
**or**  
BCT 2760  
Building Code Regulations

Year 4

BCT 1771  
Building Construction Advanced Estimating &  
ARC 2461  
Architectural Materials & Construction 1  
**Fall**

ARC 1949  
COOP Work Experience 1: ARC &  
ARC 2681  
Environmental Technology  
**Spring**

**Exciting Possible Careers:** Construction Manager / Construction Laborer / First-Line Supervisor / And more at [www.mynextmove.org](http://www.mynextmove.org)

Here's more info on this career path





# Drafting

## High School Academy

TDR 0070  
Introduction  
to Drafting

TDR 0775  
Drafting  
Detailer 1

TDR 0570  
Architectural  
Drafter

TDR 0777  
Mechanical  
Drafter

TDR 0370  
Drafting  
Assistant

TDR 0776  
Drafting  
Detailer 2

TDR 0874  
Civil  
Drafter

TDR 0875  
Structural  
Drafter

\*Academy students – upon completing all credits above during high school you will earn eight credits for the following MDC courses:  
ARC 1126 Architectural Drawing 1 (4cr),  
ARC 2171 Computer Aided Drafting 1 (4cr).

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.

College Credit Certificate (CCC)  
  
Building Construction Specialist

Associate in Science (AS)  
  
Building Construction Technology

Bachelor of Applied Science (BAS)  
  
Leadership and Management Innovation

## Recommended Dual Enrollment Guided Pathway

Start a debt-free pathway to a career connected degree!

Year 1

SLS 1510  
Preparing for Student Success  
Fall

ENC 1101  
English Composition 1  
or  
CGS 1060C  
Introduction to Computer Technology & Applications  
Spring

AMH 2020  
History of US Since 1877  
or  
POS 2041  
American Federal Government  
or  
AMH 2010  
History of the US to 1877  
Summer

Year 2

ARC 1126C  
Architectural Drawing  
Fall

BCN 1272  
Building Construction Plans Interpret 1 &  
ARC 2171  
Computer Aided Drafting 1  
Spring

MAC 1105  
College Algebra  
or  
MAC 1114  
Trigonometry  
or  
NATURAL SCIENCE  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053  
Summer

Year 3

BCN 1275  
Building Construction Plans Interpret 2 &  
BCT 1750  
Building Construction Financing  
Fall

BCT 1770  
Building Construction Estimating Fundamentals &  
BCT 1743  
Building Construction Law  
Spring

HUMANITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000  
or  
BCT 2760  
Building Code Regulations  
Summer


Year 4

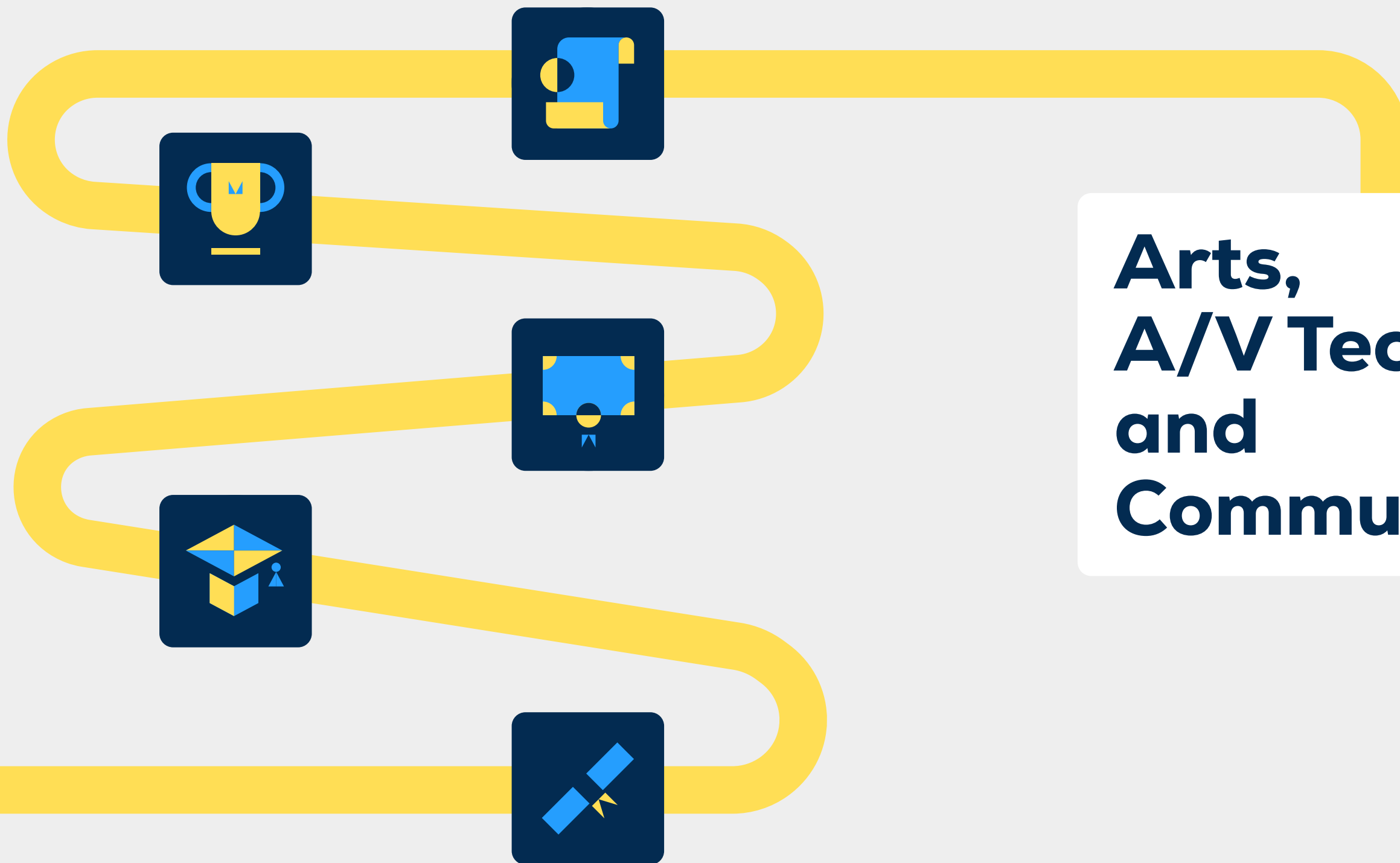
BCT 1771  
Building Construction Advanced Estimating &  
ARC 2461  
Architectural Materials & Construction  
Fall

ARC 1949  
COOP Work Experience 1: ARC  
Spring

Exciting Possible Careers: Architectural & Engineering Manager / Marine Engineers & Naval Architect / Architect / And more at [www.mynextmove.org](http://www.mynextmove.org)

Learn more about this career path





# Arts, A/V Technology and Communication

# Digital Media / Multimedia Design

## High School Academy

8201220  
Digital Media/  
Multimedia  
Foundations 2

8201230  
Digital Media/  
Multimedia  
Foundations 3

8201240  
Digital Media/  
Multimedia  
Foundations 4

8201260  
Digital Media/  
Multimedia  
Foundations 6

8201250  
Digital Media/  
Multimedia  
Foundations 5

8201270  
Digital Media/  
Multimedia  
Foundations 7

\*Academy students – upon completing all credits above during high school you will earn eight credits for the following MDC courses:  
GRA 1751 Graphic Interface Design\* (4cr),  
GRA 2156C Electronic Photoshop\* (4cr)  
Pre-requisite Complete Departmental Exam\*.

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.



College Credit Certificate (CCC)  
  
Graphic Design Support

Associate in Science (AS)  
  
Graphic Design Technology

Bachelor of Applied Science (BAS)  
  
Leadership and Management Innovation

## Recommended Dual Enrollment Guided Pathway

Explore your potential - ask your CAP advisor about the MDC College Connect program!

Year 1

SLS 1510  
Preparing for Student Success  
  
or  
HUMANITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000

ENC 1101  
English Composition 1  
  
or  
CGS 1060C  
Introduction to Computer Technology & Applications

AMH 2020  
History of US Since 1877  
  
or  
POS 2041  
American Federal Government  
  
or  
AMH 2010  
History of the US to 1877

Year 2

GRA 1111C  
Graphic Design Fundamentals

GRA 1206C  
Typography Fundamentals

MGF 1107  
Mathematics for Liberal Arts 2  
  
or  
GRA 2117C  
Digital Illustration Fundamentals

Year 3

GRA 1750  
Web Design Fundamentals

\*GRA 1751  
Graphic Interface Design

NATURAL SCIENCE  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053

Year 4

GRA 1280C  
Digital Imaging Fundamentals

GRA 2151C  
Advanced Digital Illustration and Imaging

**Exciting Possible Careers:** Web & Digital Interface Designer / Special Effects Artist & Animator / Video Game Designer / And more at [www.mynextmove.org](http://www.mynextmove.org)



Register today at [www.mdc.edu/dual-enrollment](http://www.mdc.edu/dual-enrollment)



# Digital Video Technology

## High School Academy

8201410  
Digital Video  
Technology 1

8201420  
Digital Video  
Technology 2

8201430  
Digital Video  
Technology 3

8201440  
Digital Video  
Technology 4

8201250  
Digital Media/  
Multimedia  
Foundations 5

\*Academy students – upon completing all credits above during high school you will earn seven credits for the following MDC courses:  
FIL 1420C Film Production 1 (4cr),  
FIL 2552C Editing Level 1 (3cr).

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.



College Credit Certificate (CCC)  
  
Television Studio Production

Associate in Science (AS)  
  
Radio and Television Broadcast Programming

Bachelor of Applied Science (BAS)  
  
Film, Television, and Digital Production

## Recommended Dual Enrollment Guided Pathway

Dual enrollment courses could count toward your high school diploma and future college degree!

Year 1

SLS 1510  
Preparing for Student Success  
  
or  
HUMANITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000

ENC 1101  
English Composition 1  
  
or  
CGS 1060C  
Introduction to Computer Technology & Applications

AMH 2020  
History of US Since 1877  
  
or  
POS 2041  
American Federal Government  
  
or  
AMH 2010  
History of the US to 1877

Year 2

VIC 1000  
Visual Communications

RTV 1241C  
Television Studio Production 1

MGF 1130  
Mathematical Thinking

Year 3

RTV 1240C  
Sound Design

RTV 2245C  
Electronic Field Production 1

NATURAL SCIENCE  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053

Year 4

RTV 1242C  
Television Studio Production 2

ELECTIVE  
Departmental Recommendation

**Exciting Possible Careers:** Film & Video Editor / Digital Forensics Analyst / Web & Digital Interface Designer / **And more at [www.mynextmove.org](http://www.mynextmove.org)**



# Fashion Technology and Design Services

## High School Academy

8506405

Design Services Core

8506410

Principles of Fashion Technology & Design Services

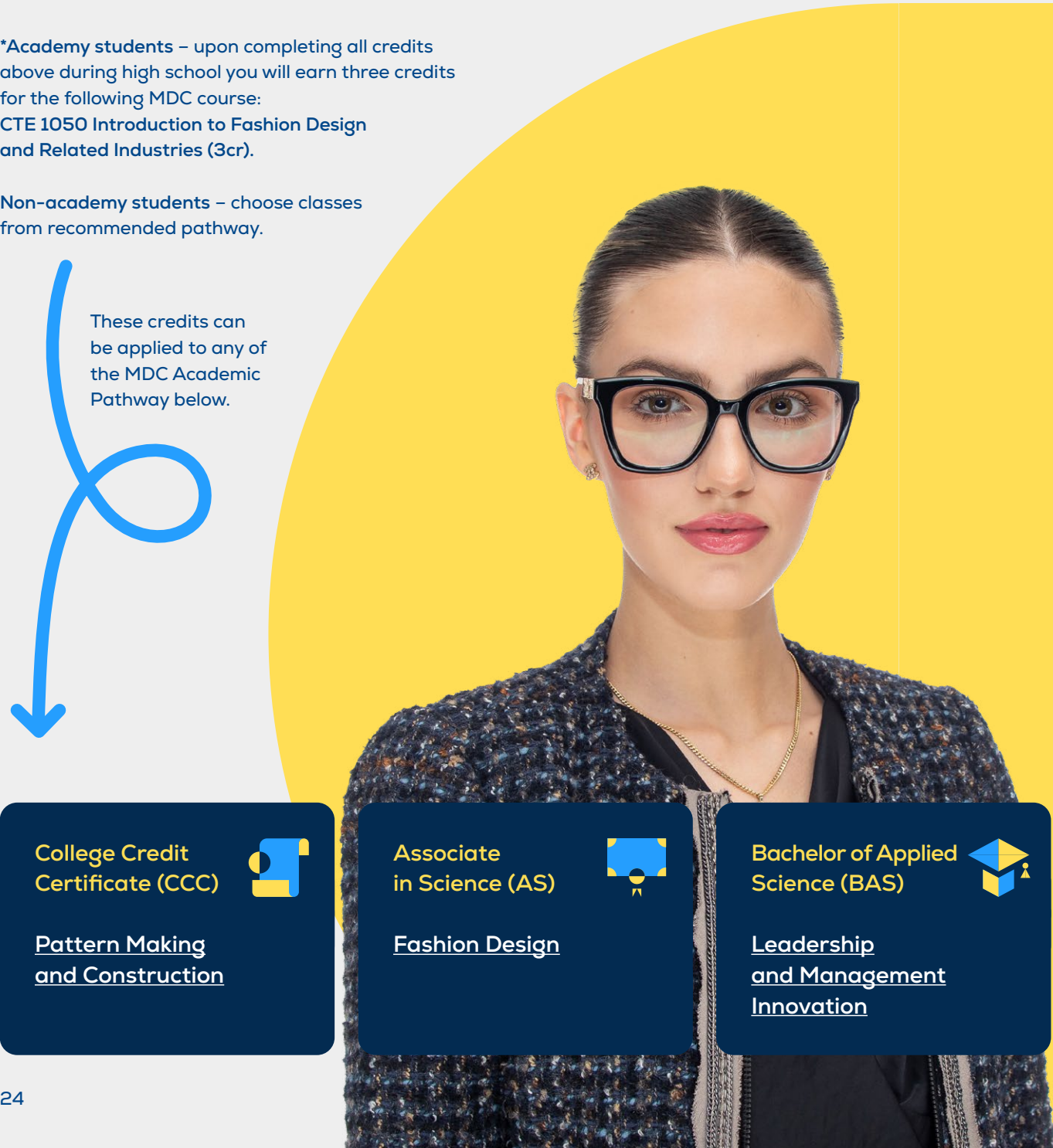
8506420

Pattern Design Techniques

\*Academy students – upon completing all credits above during high school you will earn three credits for the following MDC course:  
CTE 1050 Introduction to Fashion Design and Related Industries (3cr).

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.



College Credit Certificate (CCC)

Pattern Making and Construction

Associate in Science (AS)

Fashion Design

Bachelor of Applied Science (BAS)

Leadership and Management Innovation

## Recommended Dual Enrollment Guided Pathway

Get ahead of the curve – start taking college courses by enrolling in dual enrollment!

Year 1

SLS 1510  
Preparing for Student Success  
or  
HUMANITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000

ENC 1101  
English Composition 1 &  
CTE 1401  
Introduction to Textile

AMH 2020  
History of US Since 1877  
or  
POS 2041  
American Federal Government  
or  
AMH 2010  
History of the US to 1877

Year 2

CTE 1743C  
Patternmaking Level 1 &  
CTE 2310C  
Clothing Construction Methods Level 1

CTE 2745C  
Patternmaking Level 2 &  
CTE 2330C  
Clothing Construction Methods Level 2

EVR 1001  
Introduction to Environmental Science &  
MGF 1130  
Mathematical Thinking

Year 3

CTE 2342C  
Clothing Construction Methods Level 3 &  
CTE 2749C  
Patternmaking Level 3

CTE 1050  
Introduction to Fashion Design & Related Industries &  
CTE 2732  
Fashion Illustration Technology

CTE 1721C  
Fashion Design 1

Year 4

CTE 1841C  
Apparel Evaluation & Production &  
CTE 2722C  
Fashion Design 2

CTE 2120  
Portfolio Collection Development &  
CTE 2760C  
Creative Design &  
PRIOR DEPARTMENTAL APPROVAL REQUIRED  
CTE 1942  
Fashion Industry Internship

**Exciting Possible Careers:** [Fashion Designer](#) / [Marketing Manager](#) / [Fine Artist](#) / And more at [www.mynextmove.org](http://www.mynextmove.org)





# Game Simulation and Animation Programming

## High School Academy

8207310  
Digital Information Technology

or

8208110  
Game & Simulation Foundations

8208120  
Game & Simulation Design

\*Academy students – upon completing all credits above during high school you will earn eight credits for the following MDC courses: CGS 1060C Introduction to Computer Technology & Applications (4cr), DIG 1710 Introduction to Game Development (4cr).

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.

College Credit Certificate (CCC)

Virtual and Augmented Reality Technologies

Associate in Science (AS)

Game Development & Design

Bachelor of Science (BS)

Information Systems Technology  
Software Engineering Concentration

## Recommended Dual Enrollment Guided Pathway

Earn college credits at no cost – ask your CAP advisor about enrolling in dual enrollment!

Year 1	SLS 1510 Preparing for Student Success or HUMANITIES (Choose 1) ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000	ENC 1101 English Composition 1 or *CGS 1060C Introduction to Computer Technology & Applications	AMH 2020 History of US Since 1877 or POS 2041 American Federal Government or AMH 2010 History of the US to 1877
	MAC 1105 College Algebra	DIG 1430 Story Boarding	*DIG 1710 Introduction to Game Development or NATURAL SCIENCE (Choose 1) AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053
	DIG 1729C Game Engines	DIG 1772C Introduction to Virtual & Augmented Reality Technologies	ELECTIVE Departmental Recommendation
Year 2			
Year 3			
Year 4	DIG 2776C Virtual Reality Platform Development	DIG 2777C Augmented Reality Platform Development	

Exciting Possible Careers: Video Game Designer / Special Effects Artist & Animator / Software Developer / And more at [www.mynextmove.org](http://www.mynextmove.org)





# Game Simulation and Animation Visual Design

## High School Academy

8207310  
Digital Information Technology

or

8208110  
Game & Simulation Foundations

8208120  
Game & Simulation Design

\*Academy students – upon completing all credits above during high school you will earn eight credits for the following MDC courses:  
CGS 1060C Introduction to Computer Technology & Applications (4cr),  
DIG 1111 Digital Character Design (4cr).

Non-academy students – choose classes from recommended pathway.



These credits can be applied to any of the MDC Academic Pathway below.

Associate in Science (AS)

Animation and Game Art

Bachelor of Applied Science (BAS)

Leadership and Management Innovation

## Recommended Dual Enrollment Guided Pathway

Experience college life early - take a dual enrollment course this summer!

Year 1	SLS 1510 Preparing for Student Success or HUMANITIES (Choose 1) ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000 Fall	ENC 1101 English Composition 1 or *CGS 1060C Introduction to Computer Technology & Applications Spring	AMH 2020 History of US Since 1877 or POS 2041 American Federal Government or AMH 2010 History of the US to 1877 Summer
	MAC 1105 College Algebra Fall	*DIG 1111 Digital Character Design or DIG 1132 Digital Art and Design Spring	NATURAL SCIENCE (Choose 1) AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053 Summer
	DIG 1437 Narrative Storytelling Fall	DIG 1430 Story Boarding Spring	DIG 1302 3D Modeling Summer
Year 2			
Year 3			
Year 4	DIG 2304 Character Animation Fall	DIG 2396C Motion Capture Spring	

**Exciting Possible Careers:** Special Effects Artist & Animator / Art Director / Web & Digital Interface Designer / And more at [www.mynextmove.org](http://www.mynextmove.org)



Register today at [www.mdc.edu/dual-enrollment](http://www.mdc.edu/dual-enrollment)

# Interior Design Services

## High School Academy

8506405

Design Services Core

8506540

Principles of Interior Design Services

8506540

Interior Design Techniques

8506560

Interior Design Specialist

\*Academy students – upon completing all credits above during high school you will earn eight credits for the following MDC courses:  
ARC 1126 Architectural Drawing 1 (4cr),  
ARC 2171 Computer Aided Drafting (4cr).

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.



Associate in Science (AS)

Interior Design Technology

Bachelor of Applied Science (BAS)

Leadership and Management Innovation

## Recommended Dual Enrollment Guided Pathway

Jumpstart your career – take college courses while in high school at no cost!

Year 1

SLS 1510

Preparing for Student Success

Fall

or

HUMANITIES

(Choose 1)

ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000

ENC 1101

English Composition 1

Spring

or

CGS 1060C

Introduction to Computer Technology & Applications

AMH 2020

History of US Since 1877

Summer

or

POS 2041

American Federal Government

or

AMH 2010

History of the US to 1877

Year 2

MAC 1105

College Algebra &

Fall

AMH 2010

History of the US to 1877

or

AMH 2020

History of US Since 1877

IND 1100

History of Interiors &

Spring

\*ARC 1126C

Architectural Drawing 1

ARC 2461

Architectural Materials and Construction 1 &

Summer

NATURAL SCIENCE

(Choose 1)

AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053

Year 3

IND 1130

History of Interiors 2 &

Fall

ARC 1115

Architectural Communications 1

IND 1020

Interior Design 1 &

Spring

\*ARC 2171

Computer Aided Drafting 1

IND 2201

Design Principles for Kitchen & Bath & /

Summer

or

IND 2608

Sustainable Design

Year 4

IND 1200

Interior Design 2 &

Fall

IND 1300

Interior Design Presentations 1

IND 2210

Interior Design 3 &

Spring

IND 2330

Interior Design Presentations 2

Exciting Possible Careers: Interior Designer / Set & Exhibit Designer / Art Director / And more at [www.mynextmove.org](http://www.mynextmove.org)





# Television Production Technology

## High School Academy

8772110  
Television  
Production 1

8772120  
Television  
Production 2

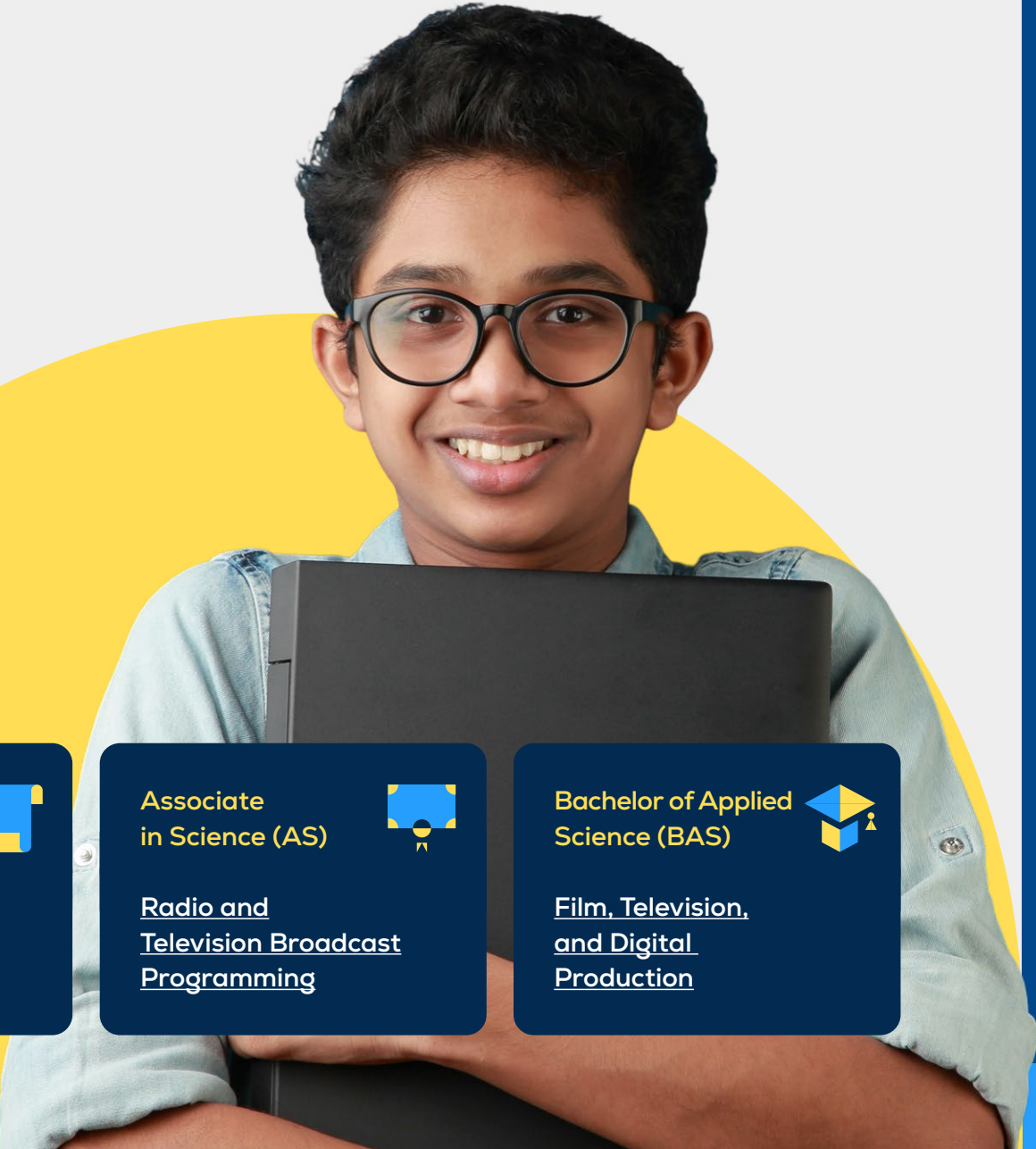
8772130  
Television  
Production 3

8772140  
Television  
Production 4

\*Academy students – upon completing all credits above during high school you will earn four credits for the following MDC courses: RTV 1241C (4cr).

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.



College Credit Certificate (CCC)  
  
Television Studio Production

Associate in Science (AS)  
  
Radio and Television Broadcast Programming

Bachelor of Applied Science (BAS)  
  
Film, Television, and Digital Production

## Recommended Dual Enrollment Guided Pathway

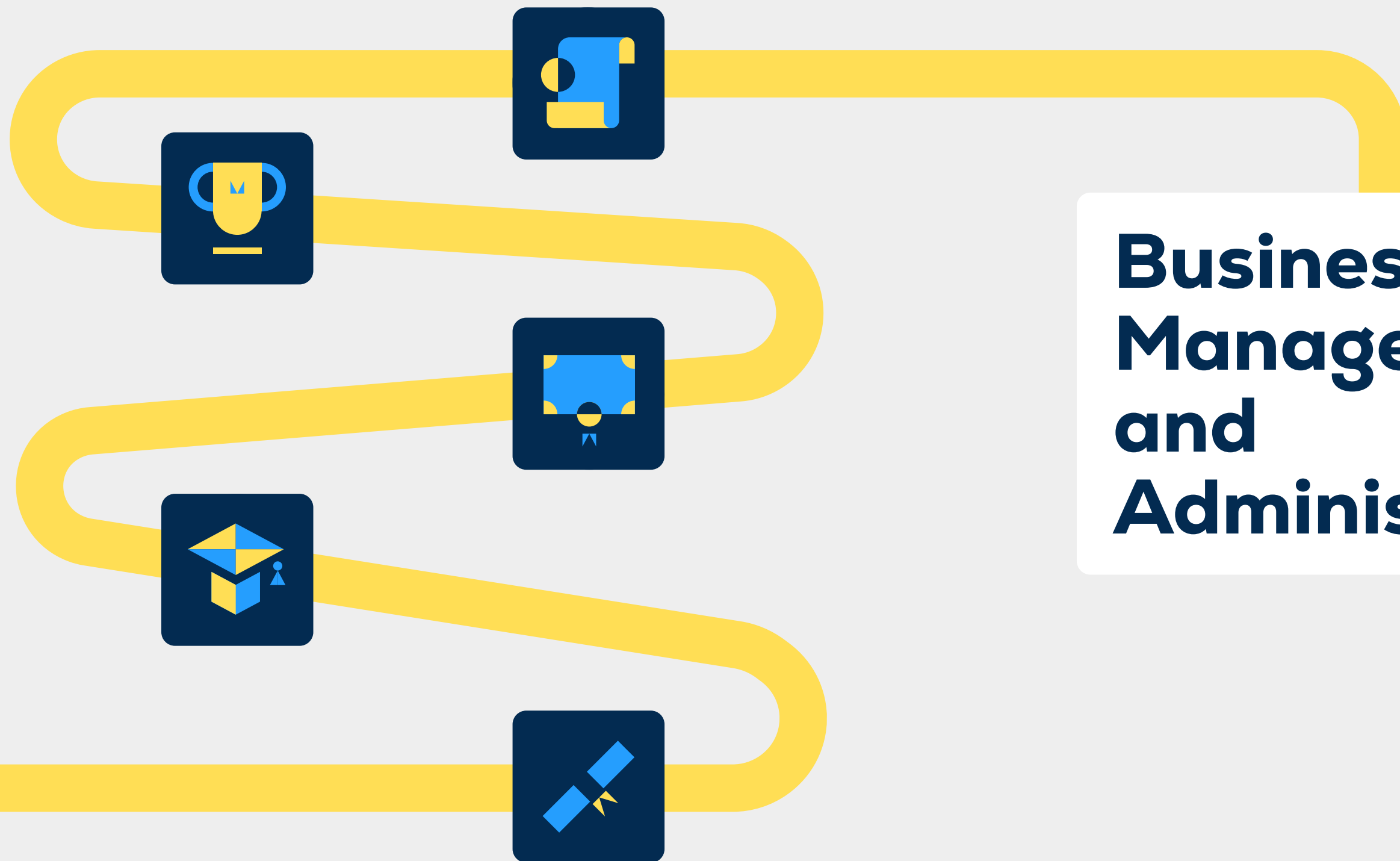
Prepare for college debt-free, take dual enrollment courses while in high school!

Year 1	SLS 1510 Preparing for Student Success <b>Fall</b>	ENC 1101 English Composition 1 <b>Spring</b> <div>or</div> CGS 1060C Introduction to Computer Technology & Applications	AMH 2020 History of US Since 1877 <b>Summer</b> <div>or</div> POS 2041 American Federal Government <div>or</div> AMH 2010 History of the US to 1877
	*RTV 1241C Television Studio Production 1 <b>Fall</b>	VIC 1000 Visual Communications <b>Spring</b>	MGF 1130 Mathematical Thinking & / <div>or</div> HUMANITIES (Choose 1) ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000
	RTV 1242C Television Studio Production 2 <b>Fall</b>	RTV 2245C Electronic Field Production 1 <b>Spring</b>	FIL 2552C Editing Level 1 Introduction to Editing <b>Summer</b> <div>or</div> NATURAL SCIENCE (Choose 1) AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053
	RTV 1240C Sound Design <b>Fall</b>	FIL 2553C Editing Level 2 Intermediate Editing & Visual Effects <b>Spring</b>	

**Exciting Possible Careers:** Film & Video Editor / Media Technical Director/Manager / Producer & Director / And more at [www.mynextmove.org](http://www.mynextmove.org)







# Business Management and Administration

# Accounting Applications

## High School Academy

8207310  
Digital Information Technology

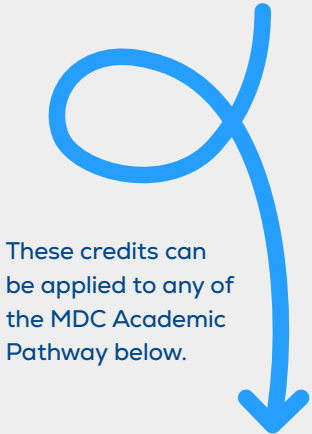
8203310  
Accounting Applications 1

8203320  
Accounting Applications 2

8203330  
Accounting Applications 3

\*Academy students – upon completing all credits above during high school you will earn eight credits for the following MDC courses:  
CGS 1060C Introduction to Computer Technology & Applications (4cr),  
ACG 2001 Principles of Accounting and  
ACG 2001L Principles of Accounting Lab 1 (4cr).

Non-academy students – choose classes from recommended pathway.



College Credit Certificate (CCC)

Accounting Technology Management

Accounting and Budgeting

Tax Specialist

Associate in Science (AS)

Accounting Technology

Bachelor of Applied Science (BAS)

Leadership and Management Innovation – Accounting Concentration

## Recommended Dual Enrollment Guided Pathway

Prepare for college debt-free, take dual enrollment courses while in high school!

Year 1

SLS 1510  
Preparing for Student Success  
or  
HUMANITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000

ENC 1101  
English Composition 1  
or  
CGS 1060C  
Introduction to Computer Technology & Applications

AMH 2020  
History of US Since 1877  
or  
POS 2041  
American Federal Government  
or  
AMH 2010  
History of the US to 1877

Year 2

MAT 1033  
Intermediate Algebra  
or  
MAT 1033L  
Intermediate Algebra Recitation Hall

ACG 1403  
Excel for Business &  
GEB 1011  
Principles of Business

BUL 2131  
Legal Environment &  
BUL 2241  
Business Law 1

Year 3

ACG 2021  
Financial Accounting &  
ACG 2021L  
Financial Accounting Lab

ACG 2071  
Managerial Accounting &  
ACG 2071L  
Managerial Accounting Lab

NATURAL SCIENCE (Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053

Year 4

ACG 2450  
Microcomputers in Accounting &  
TAX 2000  
Income Tax

TAX 2021  
Taxation of Business Organizations &  
MAN 2021  
Principles of Management



Check out this video to learn more

**Exciting Possible Careers:** Bookkeeping, Accounting, & Auditing Clerk / Accountant & Auditor / Financial Manager / And more at [www.mynextmove.org](http://www.mynextmove.org)



# Entrepreneurship

## High School Academy

8812110

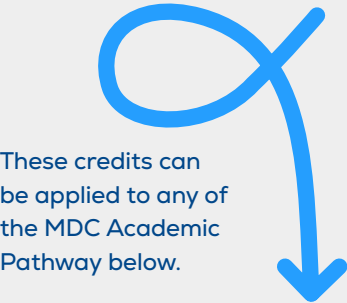
Principles of Entrepreneurship

8812120

Business Management & Law

\*Academy students – upon completing all credits above during high school you will earn three credits for the following MDC courses:  
GEB 2112 Introduction to Entrepreneurship (3cr).

Non-academy students – choose classes from recommended pathway.



College Credit Certificate (CCC)

Business Entrepreneurship:

→ Operations:

Family-Owned Business / Social Venture / Start-Up Venture

→ Specialist:

Family-Owned Business / Social Venture / Start-Up Venture

Associate in Science (AS)

Entrepreneurship

Bachelor of Applied Science (BAS)

Leadership and Management Innovation

## Recommended Dual Enrollment Guided Pathway

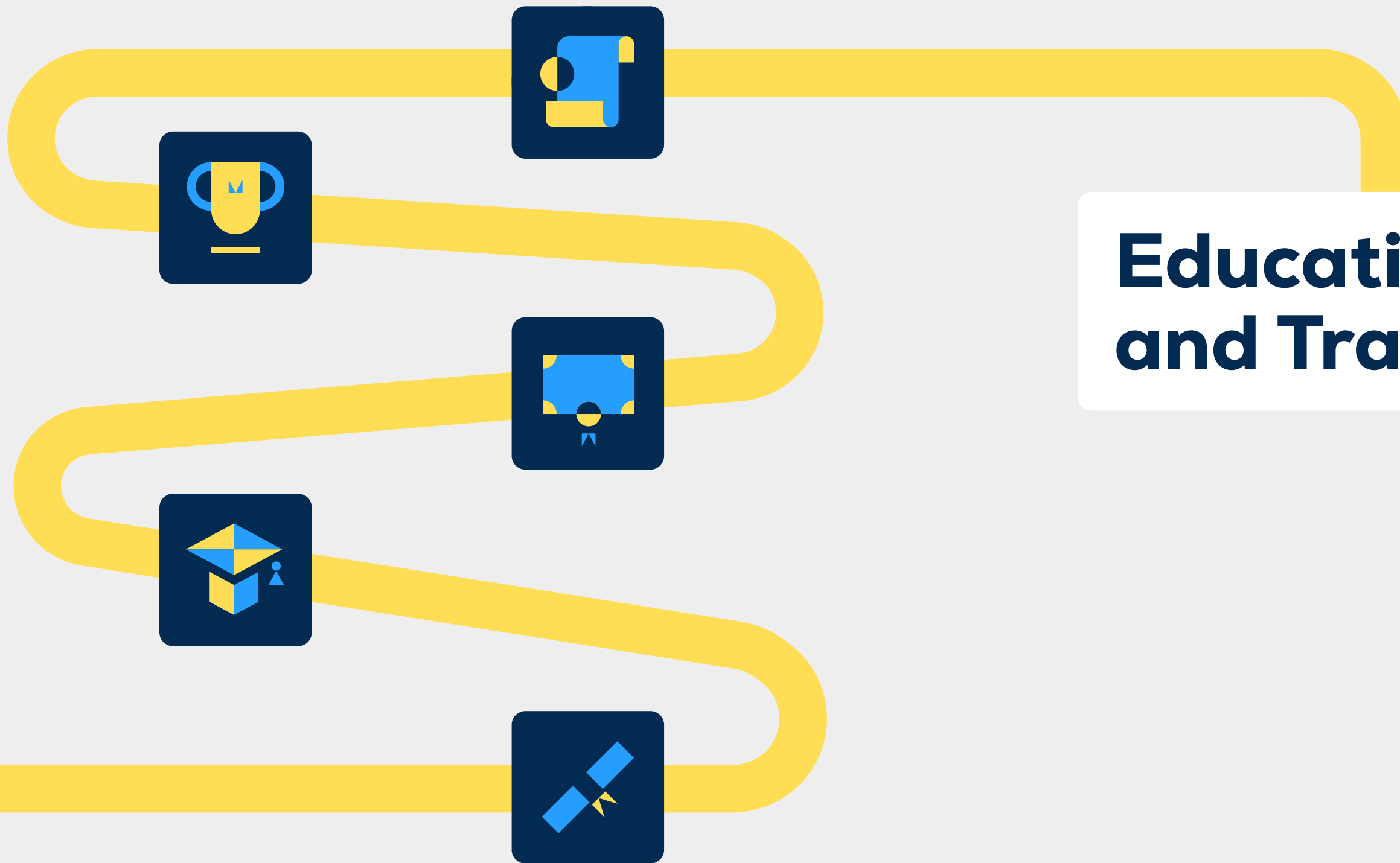
Start a debt-free pathway to a career connected degree!

Year 1	<div>SLS 1510 Preparing for Student Success <div>or</div><div>HUMANITIES (Choose 1) ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000</div></div> <div>Fall</div>	<div>ENC 1101 English Composition 1 <div>or</div><div>CGS 1060C Introduction to Computer Technology &amp; Applications</div></div> <div>Spring</div>	<div>AMH 2020 History of US Since 1877 <div>or</div><div>POS 2041 American Federal Government <div>or</div><div>AMH 2010 History of the US to 1877</div></div><div>Summer</div></div>
	<div>MAT 1033 Intermediate Algebra <div>or</div><div>MAC 1105 College Algebra</div></div> <div>Fall</div>	<div>*GEB 2112 Introduction to Entrepreneurship <div>or</div><div>ENT 1501 Fundamentals of Changemaking and Social Innovation</div></div> <div>Spring</div>	<div>NATURAL SCIENCE (Choose 1) AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053</div> <div>Summer</div>
	<div>ENT 2201 Introduction to Lean Start-Up <div>or</div><div>ENT 2270 Family Business Management</div></div> <div>Fall</div>	<div>MAR 1720 Marketing in a Digital World <div>or</div><div>ENT 2511 Evaluating Social Impact <div>or</div><div>ENT 2270 Family Business Management</div></div><div>Spring</div></div>	<div>ENT 2421 Funding Your Venture &amp; / <div>or</div> ENT 2502 Starting and Growing a Social Venture</div> <div>Summer</div>
	<div>ACG 2450 Microcomputers in Accounting <div>or</div><div>TAX 2021 Taxation of Business Organizations</div></div> <div>Fall</div>	<div>MAR 2704 Marketing Web Analytics &amp; ECO 2013 Principles of Economics</div> <div>Spring</div>	
Year 2			
Year 3			
Year 4			

**Exciting Possible Careers:** Business Intelligence Analyst / Financial Risk Specialist / Sales Representative / **And more at [www.mynextmove.org](http://www.mynextmove.org)**







# Education and Training

# Early Childhood Education

## High School Academy

8405110  
Early Childhood Education 1

8405120  
Early Childhood Education 2

8405130  
Early Childhood Education 3

8405140  
Early Childhood Education 4

\*Academy students – upon completing all credits above during high school you will earn nine credits for the following MDC courses:  
EEC 1000 Introduction to Early Childhood Development (3cr),  
EEC 2407 Facilitating Social Development (3cr)  
EDG 2943 Educational Service Field Work (3cr).

Non-academy students – choose classes from recommended pathway.



These credits can be applied to any of the MDC Academic Pathway below.

College Credit Certificate (CCC)

Early Childhood Education - Early Childhood Education Inclusion Specialization

Early Childhood Education - Child Development Early Intervention Specialization

Associate in Science (AS)

Early Childhood Education

Bachelor of Science (BS)

Early Childhood Education

## Recommended Dual Enrollment Guided Pathway

Jumpstart your career – take college courses while in high school at no cost!

Year 1

SLS 1510  
Preparing for Student Success  
or  
ENC 1101  
English Composition 1

MGF 1130  
Mathematical Thinking  
or  
\*CGS 1060C  
Introduction to Computer Technology & Applications

ENC 1102  
English Composition 2  
or  
CLP 1006  
Psychology of Personal Effectiveness

Year 2

MGF 1131  
Mathematics in Context  
or  
EME 2040  
Creativity, Innovation, and Technology

EDF 1005  
Introduction to the Teaching Profession & / or  
EEC 1308  
Classrooms for All Young Children

AMH 2020  
History of US Since 1877  
or  
POS 2041  
American Federal Government  
or  
AMH 2010  
History of the US to 1877

Year 3

\*EEC 1000  
Introduction to Early Childhood Development &  
EEC 1752  
Knowing and Understanding All Young Children

EEC 1200  
Early Childhood Education Curriculum 1 &  
NATURAL SCIENCE  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053

HUMANITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000  
or  
PSY 2012  
Introduction to Psychology

Year 4

EEC 1311  
Early Childhood Education Curriculum 2 &  
EEC 1713  
Helping All Young Children Become Independent Learners

\*EDG 2943  
Educational Service Field Work

Learn more about this career path

Exciting Possible Careers: [Preschool Teacher](#) / [Kindergarten Teacher](#) / [Teaching Assistant](#) / And more at [www.mynextmove.org](http://www.mynextmove.org)



# Principles of Teaching

## High School Academy

8909010

Introduction to the Teaching Profession

8909020

Human Growth and Development

8909030

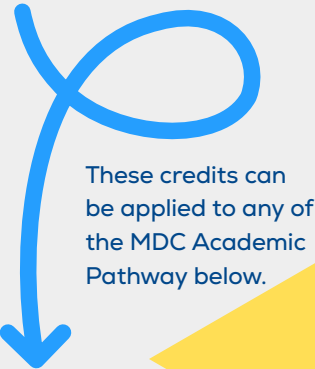
Foundation of Curriculum and Instruction

8909040

Principles of Teaching Internship

\*Academy students – upon completing all credits above during high school you will earn seven credits for the following MDC courses:  
EDF 1005 Introduction to the Teaching Profession (3cr),  
EDF 2130 Human Development and Learning for Educators (3cr),  
EDG 2311 Temporary Instructor Certification (1cr).

Non-academy students – choose classes from recommended pathway.



College Credit Certificate (CCC)

Early Childhood Education - Early Childhood Education Inclusion Specialization

Early Childhood Education - Child Development Early Intervention Specialization

Associate in Science (AS)

Early Childhood Education

Bachelor of Science (BS)

Early Childhood Education

## Recommended Dual Enrollment Guided Pathway

Get ahead of the curve - start taking college courses by enrolling in dual enrollment!

Year 1

SLS 1510  
Preparing for Student Success  
or  
ENC 1101  
English Composition 1

MGF 1130  
Mathematical Thinking  
or  
\*CGS 1060C  
Introduction to Computer Technology & Applications

ENC 1102  
English Composition 2  
or  
CLP 1006  
Psychology of Personal Effectiveness

Year 2

MGF 1131  
Mathematics in Context  
or  
EME 2040  
Creativity, Innovation, and Technology

EDF 1005  
Introduction to the Teaching Profession  
or  
PSY 2012  
Introduction to Psychology

AMH 2020  
History of US Since 1877  
or  
POS 2041  
American Federal Government  
or  
AMH 2010  
History of the US to 1877

Year 3

EEC 1001  
Introduction to Early Childhood Infant Toddler Education  
or  
EEC 1000  
Introduction to Early Childhood Education

HUMANITIES (Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000 &  
EEC 1752  
Knowing and Understanding All Young Children

NATURAL SCIENCE (Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053 & / or  
\*EDF 2130  
Human Development and Learning for Educators

Year 4

EEC 1752  
Knowing and Understanding All Young Children &  
EEC 1713  
Helping All Young Children Become Independent Learners

EEC 1753  
Observing and Assessing All Young Children &  
EEC 1308  
Classrooms for All Young Children

**Exciting Possible Careers:** Elementary School Teacher / Middle School Teacher / Secondary School Teacher / And more at [www.mynextmove.org](http://www.mynextmove.org)

Miami Dade College

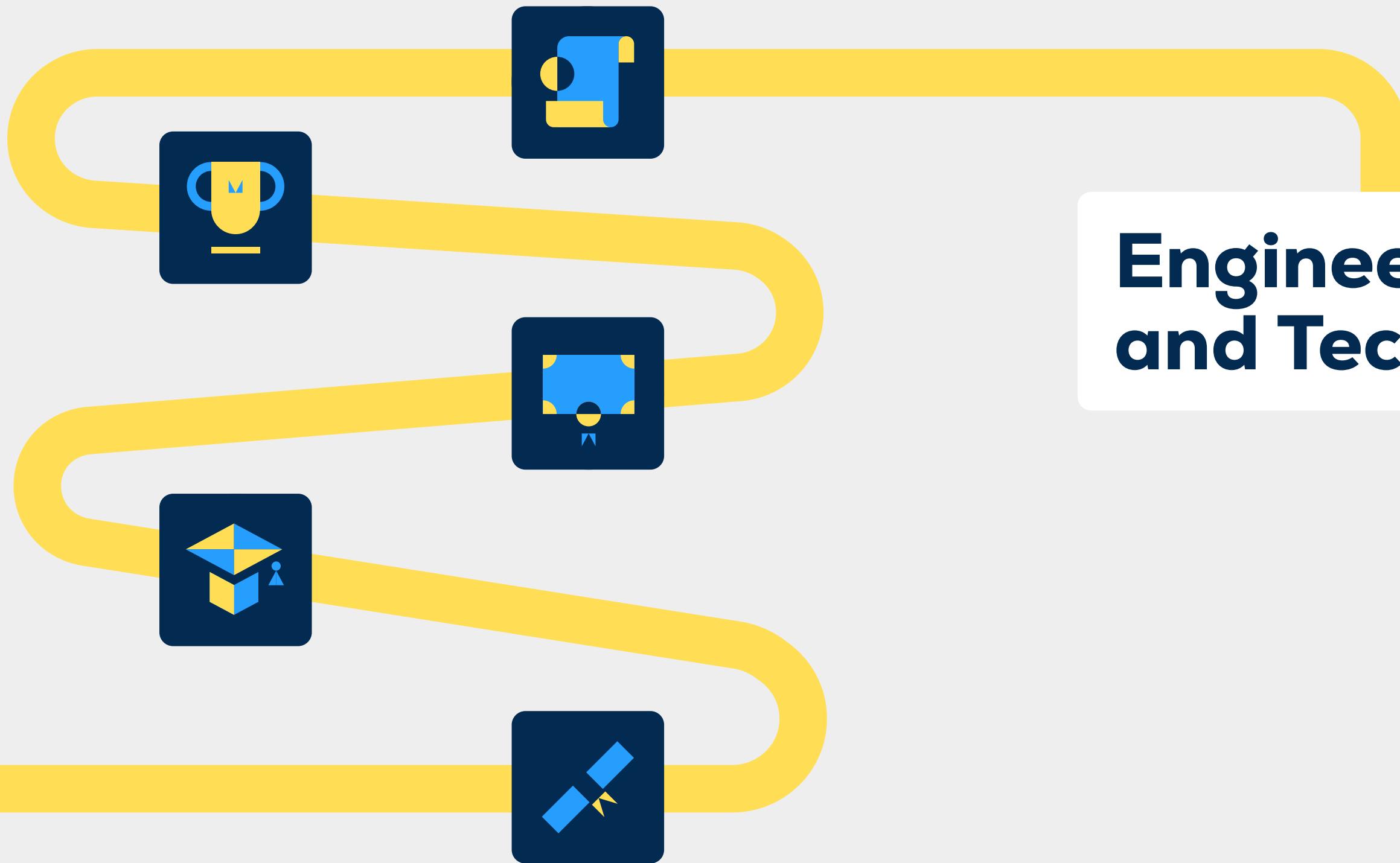
Here's more info on this career path

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# Engineering and Technology

# Applied Cybersecurity

## High School Academy

8207310  
Digital Information Technology  

or

9001310  
IT Fundamentals

9001320  
Computer and Network Security Fundamentals

9001330  
Cybersecurity Essentials

\*Academy students – upon completing all credits above during high school you will earn twelve credits for the following MDC courses: CGS 1060C Introduction to Computer Technology & Applications (4cr), CTS 1134 Networking Technologies (4cr)  

or

CTS 1650 CCNA 1 Cisco Fundamentals (4cr) & CTS 1120 Cybersecurity Fundamentals (4cr).

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.

College Credit Certificate (CCC)  

Cybersecurity Analyst

Associate in Science (AS)  

Cybersecurity

Bachelor of Science (BS)  

Cybersecurity

## Recommended Dual Enrollment Guided Pathway

Jumpstart your career – take college courses while in high school at no cost!

Year 1

SLS 1510  
Preparing for Student Success  

or

\*CGS 1060C  
Introduction to Computer Technology & Applications

ENC 1101  
English Composition 1  

or

CTS 1134  
Networking Technologies

CompTIA Network +

HUMANITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000 & MAT 1033  
Intermediate Algebra

Year 2

CTS 1120  
Cybersecurity Fundamentals  

or

STA 2023  
Statistical Methods

CIS 1531  
Introduction to Secure Scripting

CompTIA Security +

AMH 2020  
History of US Since 1877  

or

POS 2041  
American Federal Government  

or

AMH 2010  
History of the US to 1877

Year 3

CGS 1560  
A+ Computer Operating Systems  

or

MAC 1105  
College Algebra

CTS 1111  
Linux + & CGS 1700  
Introduction to Operating Systems  

or

\*CTS 1131  
A+ Computer Essentials

CompTIA Linux +

NATURAL SCIENCE  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053

Year 4

CTS 2314  
Network Defense and Countermeasures & CTS 1145  
Cloud Essentials

CIS 2350  
Cybersecurity Analysis & CAI 1001C  
Artificial Intelligence (AI) Thinking

AWS Cloud Practitioner

CompTIA CySA +

Learn more about this program

**Exciting Possible Careers:** Information Technology Specialist / Information Security Engineer / Digital Forensics Analyst / And more at [www.mynextmove.org](http://www.mynextmove.org)

# Cloud Computing and Virtualization

## High School Academy

8207310  
Digital Information Technology

9001510  
Computer Engineering & Support

9001530  
Essentials of Cloud Technology

9001540  
Basics of Cloud Computing & Virtualization

9001520  
Networking Engineering & Support

9001550  
Advanced Cloud Computing & Virtualization

\*Academy students – upon completing all credits above during high school you will earn eight credits for the following MDC courses:  
CGS 1060C Introduction to Computer Technology & Applications (4cr)  
& CTS 1111 Linux + (4cr).

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.

College Credit Certificate (CCC)

Enterprise Cloud Computing

Network Server Administration

Cisco Certified Network Associate (CCNA)

Associate in Science (AS)

Networking Services Technology: Enterprise Cloud Computing Concentration / Network Infrastructure Concentration

Bachelor of Science (BS)

Information Systems Technology – Software Engineering Concentration

## Recommended Dual Enrollment Guided Pathway

Set yourself for career success – achieve at least 1 of these [industry certifications](#) at no-cost to you!

Year 1

SLS 1510  
Preparing for Student Success  

or

\*CGS 1060C  
Introduction to Computer Technology & Applications

ENC 1101  
English Composition 1 &  
CTS 1134  
Networking Technologies  

CompTIA Network +

HUMANITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000

Year 2

\*CTS 1120  
Cybersecurity Fundamentals &  
CGS 1540C  
Database Concepts & Design

CTS 1145  
Cloud Essentials &  
MAC 1105  
College Algebra  

AWS Cloud Practitioner

AMH 2020  
History of US Since 1877  

or

POS 2041  
American Federal Government  

or

AMH 2010  
History of the US to 1877

Year 3

CTS 1111  
Linux +  

or

CTS 1650  
CCNA 1: Cisco Fundamentals

CTS 2303  
Windows Server Administration &  
CTS 2143C  
Server Administration  

or

CTS 1651  
CCNA 2: Routing and Switching

NATURAL SCIENCE  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053

Year 4

CTS 2375C  
Cloud Infrastructure and Services  

or

CTS 2652  
CCNA 3: Advanced Routing and Switching

CTS 2192C  
Microsoft Azure Administration  

or

CTS 2960  
Cloud Computing Capstone

CCNA Certification, AWS Solutions Achitect

Microsoft Certified: Azure Fundamentals

Learn more about this career path



**Exciting Possible Careers:** [Computer Network Support Specialist](#) / [Computer Systems Analyst](#) / [Information Security Analyst](#) / **And more at [www.mynextmove.org](http://www.mynextmove.org)**

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# Computer Science Principles

## High School Academy

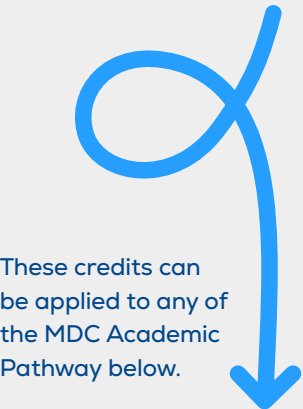
9007610  
Advanced  
Information  
Technology

9007220  
Procedural  
Programming

9007230  
Object Oriented  
Programming

\*Academy students – upon completing all credits above during high school you will earn twelve credits for the following MDC courses:  
CGS 1060C Introduction to Computer Technology & Applications (4cr),  
COP 1334 Introduction to C++ (4cr)  
& COP 2800 Java Programming (4cr).

Non-academy students – will need to take  
CGS 1060C Introduction to Computer Technology & Applications,  
COP 1334 Introduction to C++,  
and COP 2800 Java Programming  
to continue pathway.



These credits can be applied to any of the MDC Academic Pathway below.

College Credit Certificate (CCC)

Computer Programmer – Business Applications

Associate in Science (AS)

Computer Programming and Analysis – Business Applications

Bachelor of Science (BS)

Information Systems Technology – Software Engineering Concentration

## Recommended Dual Enrollment Guided Pathway

Dual enrollment courses could count toward your high school diploma and future college degree!

Year 1

SLS 1510  
Preparing for Student Success

ENC 1101  
English Composition 1  

or

\*CGS 1060C  
Introduction to Computer Technology & Applications

HUMANITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000  

or

\*CGS 1060C  
Introduction to Computer Technology & Applications

Year 2

MAC 1105  
College Algebra  

or

STA 2023  
Statistical Methods

CAI 1001C  
Artificial Intelligence (AI) Thinking &  
COP 1334  
Introduction to C++ Programming

AMH 2020  
History of US Since 1877  

or

POS 2041  
American Federal Government  

or

AMH 2010  
History of the US to 1877

Year 3

CGS 1540C  
Database Concepts and Design &  
COP 2800  
Java Programming

COP 1047C  
Introduction to Python Programming &  
COP 2805C  
Advanced Java Programming  

Python Coding Specialist Certificate

NATURAL SCIENCE  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053  
& / 

or

COP 2842  
Developing Websites using PHP/MYSQL

Year 4

COP 2805C  
Advanced Java Programming &  
GEB 1432  
Applied Artificial Intelligence (AI) in Business

CAI 2100C  
Machine Learning Foundations &  
PHI 2680  
Artificial Intelligence (AI) Ethics

Exciting Possible Careers: [Computer Systems Analyst](#) / [Computer Programmer](#) / [Computer Hardware Engineer](#) / And more at [www.mynextmove.org](http://www.mynextmove.org)

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# Data Programming Essentials

## High School Academy

8207310  
Digital Information Technology

8206410  
Database Fundamentals

8206420  
Data Control and Functions

8206430  
Specialized Database Programming

8206440  
Specialized Database Applications

\*Academy students – upon completing all credits above during high school you will earn twelve credits for the following MDC courses:  
CIS 1000 Introduction to Data Processing (4cr),  
CTS 2440 Introduction to Oracle: SQL and PL/SQL (4cr),  
CTS 2441 Introduction to Oracle and Database Administration (4cr).

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.

College Credit Certificate (CCC)  
  
Oracle Certified Database Administrator

Associate in Science (AS)  
  
Database Technology - Oracle Database Administration

Bachelor of Applied Science (BAS)  
  
Leadership and Management Innovation

## Recommended Dual Enrollment Guided Pathway

Get ahead of the curve - start taking college courses by enrolling in dual enrollment!

Year 1

SLS 1510  
Preparing for Student Success  
Fall

ENC 1101  
English Composition 1 &  
CGS 1060C  
Introduction to Computer Technology & Applications  
Spring

HUMANITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000 & / or  
MAC 1105  
College Algebra  
Summer

Year 2

\*CTS 2440  
Introduction to Oracle: SQL and PL/SQL  
Fall

\*CTS 2441  
Introduction to Oracle and Database Administration &  
COP 1334  
Introduction to C++ Programming  
Spring

AMH 2020  
History of US Since 1877  
or  
POS 2041  
American Federal Government  
or  
AMH 2010  
History of the US to 1877  
Summer

Year 3

CGS 1540C  
Database Concepts and Design &  
\*CIS 1000  
Introduction to Data Processing  
Fall

COP 2800  
Java Programming  
Spring

NATURAL SCIENCE  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053 & / or  
STA 2023  
Statistical Methods  
Summer

Year 4

CTS 2442  
Intermediate Oracle Database Administration &  
ELECTIVE  
Any course with the prefix: CAP, CEN, CGS, CIS, COP, CTS  
Fall

CTS 2444  
Oracle Database Performance Tuning &  
CAI 1001C  
Artificial Intelligence (AI) Thinking  
Spring

Exciting Possible Careers: Database Administrator / Network & Computer Systems Administrator / Database Architect / And more at [www.mynextmove.org](http://www.mynextmove.org)



Check out this video to learn more





# Geographic Information Systems

## High School Academy

8600260

Introduction to GIS Technology

8600270

Essential GIS Tools and Processes

8600280

GIS Analysis and Modeling

8600290

Advanced GIS Applications

\*Academy students – upon completing all credits above during high school you will earn eight credits for the following MDC courses:  
GIS 1040 Introduction to GIS Technology (4cr) & GIS 2045 Intermediate GIS Technology (4cr).  
GIS 2046 and GIS 2047 are available after completing the above sequence.

- \*Students have two choices:
- (1) Pursue the above high school academy sequence, while continuing the recommended guided pathway courses (e.g. SLS 1510, ENC 1101, etc.) Or
  - (2) Complete Introduction to GIS Technology (8600260) and Essential GIS Tools and Processes (8600270) AND continue the recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.

College Credit Certificate (CCC)

Geographic Information Systems Technology

Associate in Science (AS)

Computer Information Technology

Bachelor of Science (BS)

Information Systems Technology – Networking Concentration

## Recommended Dual Enrollment Guided Pathway

Prepare for college debt-free, take dual enrollment courses while in high school!

Year 1

SLS 1510  
Preparing for Student Success

Fall

ENC 1101  
English Composition 1

Spring

AMH 2020  
History of US Since 1877

Summer

Year 2

MAC 1105  
College Algebra

Fall

CGS 1540C  
Database Concepts Design

Spring

NATURAL SCIENCE  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053

Summer

Year 3

\*GIS 1040  
Introduction to GIS Technology

Fall

\*GIS 2045  
Intermediate GIS Technology

Spring

Year 4

GIS 2046  
Advanced GIS Technology

Fall

GIS 2047  
Applications of GIS Technology & PRIOR DEPARTMENTAL APPROVAL REQUIRED  
CIS 2900  
Directed Study IT

Spring

Learn more about careers in GIS

Miami Dade College

**Exciting Possible Careers:** Geographic Information Systems Technologist & Technician / Cartographer & Photogrammetrist / Precision Agriculture Technician /  
And more at [www.mynextmove.org](http://www.mynextmove.org)





# Java Development and Programming

## High School Academy

8207310  
Digital Information Technology

9001220  
CSIT System Essentials

9001230  
CSIT Network Systems Configuration

9001240  
CSIT Network Systems Design & Administration

\*Academy students – upon completing all credits above during high school you will earn eight credits for the following MDC courses:  
CGS 1060 Introduction to Computer Technology & Applications (4cr),  
CTS 1134 Networking Technologies (4cr).

Non-academy students – will need to take:  
CGS 1060C Introduction to Computer Technology & Applications  
and CTS1134 Networking Technologies to continue recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.

College Credit Certificate (CCC)

Computer Programmer – Mobile Applications Development

Internet of Things (IoT) Applications

Associate in Science (AS)

Computer Programming and Analysis: Mobile Applications Development / Internet of Things (IoT) Applications

Bachelor of Science (BS)

Information Systems Technology Software Engineering Concentration

## Recommended Dual Enrollment Guided Pathway

Earn college credits at no cost – ask your CAP advisor about enrolling in dual enrollment!

Year 1

SLS 1510  
Preparing for Student Success  
or  
\*CGS 1060C  
Introduction to Computer Technology & Applications

ENC 1101  
English Composition 1 &  
COP 1334  
Introduction to C++ Programming

HUMANITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000  
& / or  
EET 1033C  
Electrical Fundamentals

Year 2

MAC 1105  
College Algebra &  
COP 2654  
iPhone Application Development 1  
or  
CEN 2211  
C/C++ Programming for Embedded Devices

CGS 1540C  
Database Concepts and Design &  
COP 2658  
iPhone Application Development 2  
or  
CEN 2212C  
Introduction to Programing the Internet of Things (IoT)

AMH 2020  
History of US Since 1877  
or  
POS 2041  
American Federal Government  
or  
AMH 2010  
History of the US to 1877

Year 3

COP 2800  
Java Programming &  
CAI 1001C  
Artificial Intelligence (AI) Thinking

COP 2660  
Android Application Development 1 &  
CTS 2466C  
Internet of Things (IoT) Development with C#

NATURAL SCIENCE  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053  
& / or  
COP 2842  
Developing Websites using PHP/MYSQL

Year 4

COP 1047C  
Introduction to Python Programming & / or  
COP 2662  
Android Application Development 2  
Python Coding Specialist Certificate

COP 2805  
Advanced Java Programming & / or  
CAI 2100C  
Machine Learning Foundations

Exciting Possible Careers: [Web Developer](#) / [Software Developer](#) / [Computer User Support Specialist](#) / And more at [www.mynextmove.org](http://www.mynextmove.org)



# .Net Application Development and Programming

## High School Academy

8207310  
Digital  
Information  
Technology

9007220  
Procedural  
Programming

9007230  
Object Oriented  
Programming

\*Academy students – upon completing all credits above during high school you will earn twelve credits for the following MDC courses:  
CGS 1060C Introduction to Computer Technology & Applications (4cr),  
COP 1334 Introduction to C++ (4cr),  
& COP 2800 Java Programing (4cr).

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.

College Credit Certificate (CCC)

Computer Programmer – Business Applications

Associate in Science (AS)

Computer Programming & Analysis

Bachelor of Science (BS)

Information Systems Technology – Software Engineering Concentration

## Recommended Dual Enrollment Guided Pathway

Start a debt-free pathway to a career connected degree!

Year 1

SLS 1510  
Preparing for Student Success  

or

\*CGS 1060C  
Introduction to Computer Technology & Applications

ENC 1101  
English Composition 1 &  
\*COP 1334  
Introduction to C++ Programming

HUMANITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000

Year 2

MAC 1105  
College Algebra  

or

STA 2023  
Statistical Methods

CAI 1001C  
Artificial Intelligence (AI) Thinking  

or

\*COP 2800  
Java Programing

AMH 2020  
History of US Since 1877  

or

POS 2041  
American Federal Government  

or

AMH 2010  
History of the US to 1877

Year 3

CGS 1540C  
Database Concepts and Design  

or

ACG 2021  
Financial Accounting &  
ACG 2021L  
Financial Accounting Lab

COP 1047C  
Introduction to Python Programming & / 

or

 CTS 2148C  
IT Project Management

NATURAL SCIENCE  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053

Year 4

COP 2335  
Object Oriented Using C++ & / 

or

 COP 2805C  
Advanced Java Programming

ELECTIVE  
Any course with the pre-fix of COP or CAI & / 

or

 CEN 2212C  
Introduction to Programing the IoT  

or

 GEB 1432  
Applied Artificial Intelligence (AI) in Business

Oracle Certified Professional, Java SE 8 Programmer

CompTIA Project +, Python Coding Specialist Certificate

Exciting Possible Careers: Web & Digital Interface Designer / Software Developer / Software Quality Assurance Analysts & Tester / And more at [www.mynextmove.org](http://www.mynextmove.org)

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Register today at [www.mdc.edu/dual-enrollment](http://www.mdc.edu/dual-enrollment)

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# Technical Design

## High School Academy

8600810  
Drafting/  
Illustrative Design  
Technology 1

8600820  
Drafting/  
Illustrative Design  
Technology 2

8600830  
Drafting/  
Illustrative Design  
Technology 3

\*Academy students – upon completing all credits above during high school you will earn eight credits for the following MDC courses:  
ARC 1126C Architectural Drawing 1 (Portfolio Required)\* (4cr),  
ARC 2171 Computer Aided Drafting 1 (Portfolio Required) (4cr).

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.

College Credit Certificate (CCC)  
  
Computer Aided Design Operator

Associate in Science (AS)  
  
Interior Design Technology

Bachelor of Applied Science (BAS)  
  
Leadership and Management Innovation

## Recommended Dual Enrollment Guided Pathway

Start a debt-free pathway to a career connected degree!

Year 1

SLS 1510  
Preparing for Student Success  
Fall

ENC 1101  
English Composition 1 & / or  
CGS 1060C  
Introduction to Computer Technology & Applications  
Spring

AMH 2020  
History of US Since 1877  
or  
POS 2041  
American Federal Government  
or  
AMH 2010  
History of the US to 1877  
Summer

Year 2

\*ARC 1126C  
Architectural Drawing 1  
Fall

IND 1100  
History of Interiors &  
ARC 2056  
Computer Aided Architectural Presentation  
Spring

NATURAL SCIENCE  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053  
& / or  
MAC 1105  
College Algebra  
Summer

Year 3

\*ARC 2171  
Computer Aided Drafting 1 &  
IND 1130  
History of Interiors 2  
Fall

ARC 1115  
Architectural Communications &  
IND 2020  
Interior Design  
Spring

HUMANITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000  
Summer

Year 4

ARC 2172  
Computer Aided Drafting 2 &  
IND 1300  
Interior Design Presentations 1  
Fall

ARC 2461  
Architectural Materials and Construction 1 &  
IND 2330  
Interior Design Presentations 2  
Spring

Exciting Possible Careers: Architect / Set & Exhibit Designer / Web & Digital Interface Designer / And more at [www.mynextmove.org](http://www.mynextmove.org)



# Technology Support Services

## High School Academy

9001410  
IT Essentials

8207310  
Digital Information Technology

9001420  
Introduction to Information Technology & Support Services - Client System

9001430  
Technology Support Services - Network Systems

9001440  
Technology Support Services - Specialized Technologies

\*Academy students – upon completing all credits above during high school you will earn seven credits for the following MDC courses:  
CET 1178C A+ Computer Hardware Service (3cr)  
& CTS 1134 Networking Technologies (4cr).

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.



College Credit Certificate (CCC)  
  
Microcomputer Repairer/Installer

Associate in Science (AS)  
  
Computer Engineering Technology

Bachelor of Science (BS)  
  
Electrical & Computer Engineering Technology

## Recommended Dual Enrollment Guided Pathway

Experience college life early - take a dual enrollment course this summer!

Year 1

SLS 1510  
Preparing for Student Success  
Fall

ENC 1101  
English Composition 1  
or  
CGS 1060C  
Introduction to Computer Technology & Applications  
Spring

AMH 2020  
History of US Since 1877  
or  
POS 2041  
American Federal Government  
or  
AMH 2010  
History of the US to 1877  
Summer

Year 2

MAC 1105  
College Algebra  
or  
\*CTS 1134  
Networking Technologies  
Fall

EET 1082  
Introduction to Electronics &  
CET 1110C  
Digital Circuits  
Spring

NATURAL SCIENCE  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053  
Summer

Year 3

CET 1171  
Introduction to Computer Service and Maintenance &  
HUMANITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000  
Fall

EET 1015C  
Digital Current Circuits &  
\*CET 1178C  
A+ Computer Hardware Service  
Spring

MAC 1114  
Trigonometry & / or  
CET 2113C  
Advanced Digital Circuits  
Summer

Year 4

CET 1110C  
Digital Circuits &  
CET 1487C  
Network+  
Fall

CET 2588C  
Server + Service and Maintenance &  
EET 2351C  
Digital and Data Communications  
Spring

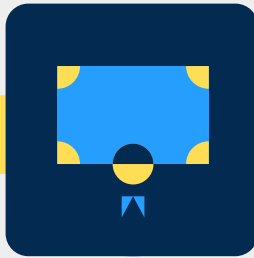
Here's more info on this career path



**Exciting Possible Careers:** Information Technology Project Manager / Computer Network Support Specialist / Computer & Information Systems Manager / And more at [www.mynextmove.org](http://www.mynextmove.org)



Register today at [www.mdc.edu/dual-enrollment](http://www.mdc.edu/dual-enrollment)



# Finance

# Finance

## High School Academy

8815150  
Finance and Business Technology / Business Communication and Technology

2102360  
APMicroeconomics  

or

2102365  
APMicroeconomics Innovation &  
2102370  
AP Macroeconomics

8815130  
Financial Internship  

or

8501420  
Finance Cooperative Education - OJT

881512  
Personal Financial Planning / Personal Finance

8203310  
Accounting Applications 1  
(No Substitutions)

8815110  
Accounting Financial Operations / Economics and Financial Services

\*Academy students – upon completing all credits above during high school you will earn three credits for the following MDC courses:  
ACG2450 Micro Computers in Accounting (3cr).

\*MDC will post 3 college credits for ACG 2450 if students have passed the Industry Certification "QuickBooks Certified User".

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.

College Credit Certificate (CCC)

Accounting & Budgeting

Accounting Technology Management

Associate in Science (AS)

Financial Services – Banking

Financial Services – Wealth Management

Bachelor of Applied Science (BAS)

Leadership and Management Innovation – Accounting Concentration

## Recommended Dual Enrollment Guided Pathway

Explore your potential – ask your CAP advisor about MDC College Connect program!

Year 1

SLS 1510  
Preparing for Student Success  

or

HumaNITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000

ENC 1101  
English Composition 1

AMH 2020  
History of US Since 1877  

or

POS 2041  
American Federal Government  

or

AMH 2010  
History of the US to 1877

Year 2

MAT 1033  
Intermediate Algebra  

or

MAC 1105  
College Algebra

GEB 1011  
Principles of Business &  
CGS 1060C  
Introduction to Computer Technology & Applications

\*ACG 2450  
Microcomputers in Accounting  

or

NATURAL SCIENCE  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053

Year 3

MAN 2021  
Principles of Management  

or

ACG 2011  
Principles of Accounting &  
ACG 2011L  
Principles of Accounting Lab

FIN 2000  
Principles of Finance  

or

ACG 2021  
Financial Accounting &  
ACG 2021  
Financial Accounting Lab

ACG 1403  
Excel for Business  

or

OST 2335  
Business Writing

Year 4

ACG 2071  
Managerial Accounting &  
ACG 2071L  
Managerial Accounting Lab &  
BUL 2131  
Legal Environment  

or

BUL 2241  
Business Law 1

BAN 1004  
Banking Fundamentals, Evolution and Compliance  

or

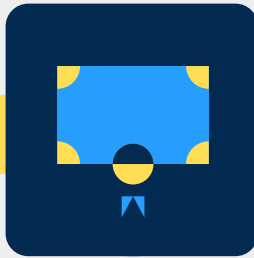
MNA 1130  
Writing for Financial Service



Here's more info on this career path

**Exciting Possible Careers:** Financial & Investment Analyst / Personal Financial Advisor / Securities, Commodities, & Financial Services Sales Agent / And more at [www.mynextmove.org](http://www.mynextmove.org)





# Hospitality and Tourism

# Culinary Arts

## High School Academy

8800510  
Culinary Arts 1

8800520  
Culinary Arts 2

8800530  
Culinary Arts 3

\*Academy students – upon completing all credits above during high school you will earn three credits for the following MDC courses:  
HFT 1212 Safety and Sanitation (3cr).

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.

College Credit Certificate (CCC)

Chef Apprentice

Culinary Arts Management Operations

Associate in Science (AS)

Culinary Arts Management Operations

Bachelor of Applied Science (BAS)

Leadership and Management Innovation

## Recommended Dual Enrollment Guided Pathway

Dual enrollment courses could count toward your high school diploma and future college degree!

Year 1

SLS 1510  
Preparing for Student Success

ENC 1101  
English Composition 1  
or  
CGS 1060C  
Introduction to Computer Technology & Applications

AMH 2020  
History of US Since 1877  
or  
POS 2041  
American Federal Government  
or  
AMH 2010  
History of the US to 1877

Year 2

FSS 1200  
Culinary Terminology and Procedures

FSS 1202C  
Food Production 1 – Fundamental Skills &  
\*HFT 1212  
Safety And Sanitation

MGF 1107  
Mathematics for Liberal Arts 2 &  
ACG 1403  
Excel for Business

Year 3

FSS 1204C  
Food Production 2 – American Regional Cuisine &  
FSS 1246C  
Basic Baking – Foundational Skills

HFT 1220  
Supervision and Personnel Management & / or  
FSS 2242C  
International Cuisines

NATURAL SCIENCE  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053  
or  
HUMANITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000

Year 4

HUN 1201  
Essentials of Human Nutrition &  
FSS 1801  
Culinary Sustainability and Practices

FSS 2248C\*  
Garde Manger &  
PRIOR DEPARTMENTAL APPROVAL REQUIRED  
FSS 2381  
Culinary Management Internship

Exciting Possible Careers: Chef & Head Cook / Food Preparation Worker / First-Line Supervisor / And more at [www.mynextmove.org](http://www.mynextmove.org)



Learn more about this career path



# Hospitality and Tourism Management

## High School Academy

8850110

Introduction to Hospitality and Tourism

8703110

Technology for Hospitality and Tourism

8703120

Hospitality and Tourism Marketing Management

8845130

Hospitality and Tourism Operations Internship

\*Academy students – upon completing all credits above during high school you will earn twelve credits for the following MDC courses:  
HFT 1000 Introduction to Hospitality (3cr),  
HFT 2449 E-Commerce for Hospitality (3cr),  
HFT 2500 Marketing of Hospitality Services (3cr),  
HFT 1949 Co-op Work Experience I (3cr).

Non-academy students – choose classes from recommended pathway.



These credits can be applied to any of the MDC Academic Pathway below.

College Credit Certificate (CCC)

Cruise Line Operations

Food & Beverage: Management / Operations / Specialist

Rooms Division: Management / Operations / Specialist

Associate in Science (AS)

Hospitality & Tourism Management

Bachelor of Applied Science (BAS)

Leadership and Management Innovation

## Recommended Dual Enrollment Guided Pathway

Earn college credits at no cost – ask your CAP advisor about enrolling in dual enrollment!

Year 1

SLS 1510  
Preparing for Student Success

ENC 1101  
English Composition 1  
or  
CGS 1060C  
Introduction to Computer Technology & Applications

AMH 2020  
History of US Since 1877  
or  
POS 2041  
American Federal Government  
or  
AMH 2010  
History of the US to 1877

Year 2

\*HFT 1000  
Introduction to Hospitality &  
HFT 1212  
Safety and Sanitation

HFT 2241  
Leadership and Quality Assurance Management &  
HFT 2800  
Food and Beverage Management

MGF 1107  
Mathematics for Liberal Arts 2 & / or  
HUMANITIES (Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000

Year 3

HFT 2772  
Introduction to Cruise Line Industry &  
HFT 1210  
Human Resources in Hospitality

HFT 2773  
Cruise Line Sales and Marketing  
or  
FSS 1200  
Culinary Terminology and Procedures  
or  
HFT 1454  
Food and Beverage Cost Controls

NATURAL SCIENCE (Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053 & / or  
HFT 2449  
E-Business for the Hospitality Industry

Year 4

HFT 2774  
Shipboard Operations  
or  
FSS 1202L  
Food Production 1  
or  
HFT 1631  
Risk Management and Security

HFT 2775  
Shoreside Operations & / or  
HFT 2421  
Managerial Accounting for Hospitality  
or  
PRIOR DEPARTMENTAL APPROVAL REQUIRED  
HFT 2949  
Co-op Work-study Internships 2

Check out this video to learn more



**Exciting Possible Careers:** Entertainment & Recreation Managers / Desk Clerk / Lodging Manager / And more at [www.mynextmove.org](http://www.mynextmove.org)

Register today at [www.mdc.edu/dual-enrollment](http://www.mdc.edu/dual-enrollment)



# Sport, Recreation, and Entertainment Marketing

## High School Academy

8827410

Sport,  
Recreation, and  
Entertainment  
Essentials

8827420

Sport,  
Recreation, and  
Entertainment  
Applications

8827430

Sport,  
Recreation, and  
Entertainment  
Marketing  
Management

8827440

Sport,  
Recreation, and  
Entertainment  
Internship

\*Academy students – upon completing all credits above during high school you will earn nine credits for the following MDC courses:  
HFT 1000 Introduction to Hospitality (3cr),  
HFT 2410 Hotel Front Office Procedures & Lodging Operations (3cr),  
HFT 2750 Event and Meeting Management (3cr).

Non-academy students – choose classes from recommended pathway.

These credits can be applied to any of the MDC Academic Pathway below.

College Credit Certificate (CCC)

Cruise Line Operations

Food & Beverage: Management / Operations / Specialist

Associate in Science (AS)

Hospitality & Tourism Management

Bachelor of Applied Science (BAS)

Leadership and Management Innovation

## Recommended Dual Enrollment Guided Pathway

Experience college life early - take a dual enrollment course this summer!

Year 1

SLS 1510  
Preparing for Student Success

ENC 1101  
English Composition 1  
or  
CGS 1060C  
Introduction to Computer Technology & Applications

AMH 2020  
History of US Since 1877  
or  
POS 2041  
American Federal Government  
or  
AMH 2010  
History of the US to 1877

Year 2

HFT1000  
Introduction to Hospitality &  
MGF 1107  
Mathematics for Liberal Arts 2

HFT2772  
Introduction to Cruise Line Industry &  
HFT2800  
Food and Beverage Management

NATURAL SCIENCE  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053  
or  
HUMANITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000

Year 3

HFT 1210  
Human Resources in Hospitality &  
HFT 2774  
Shipboard Operations

HFT 2775  
Shoreside Operations &  
HFT 1212  
Safety and Sanitation

HFT 2241  
Leadership and Quality Assurance Management &  
HFT 2773  
Cruise Line Sales and Marketing

Year 4

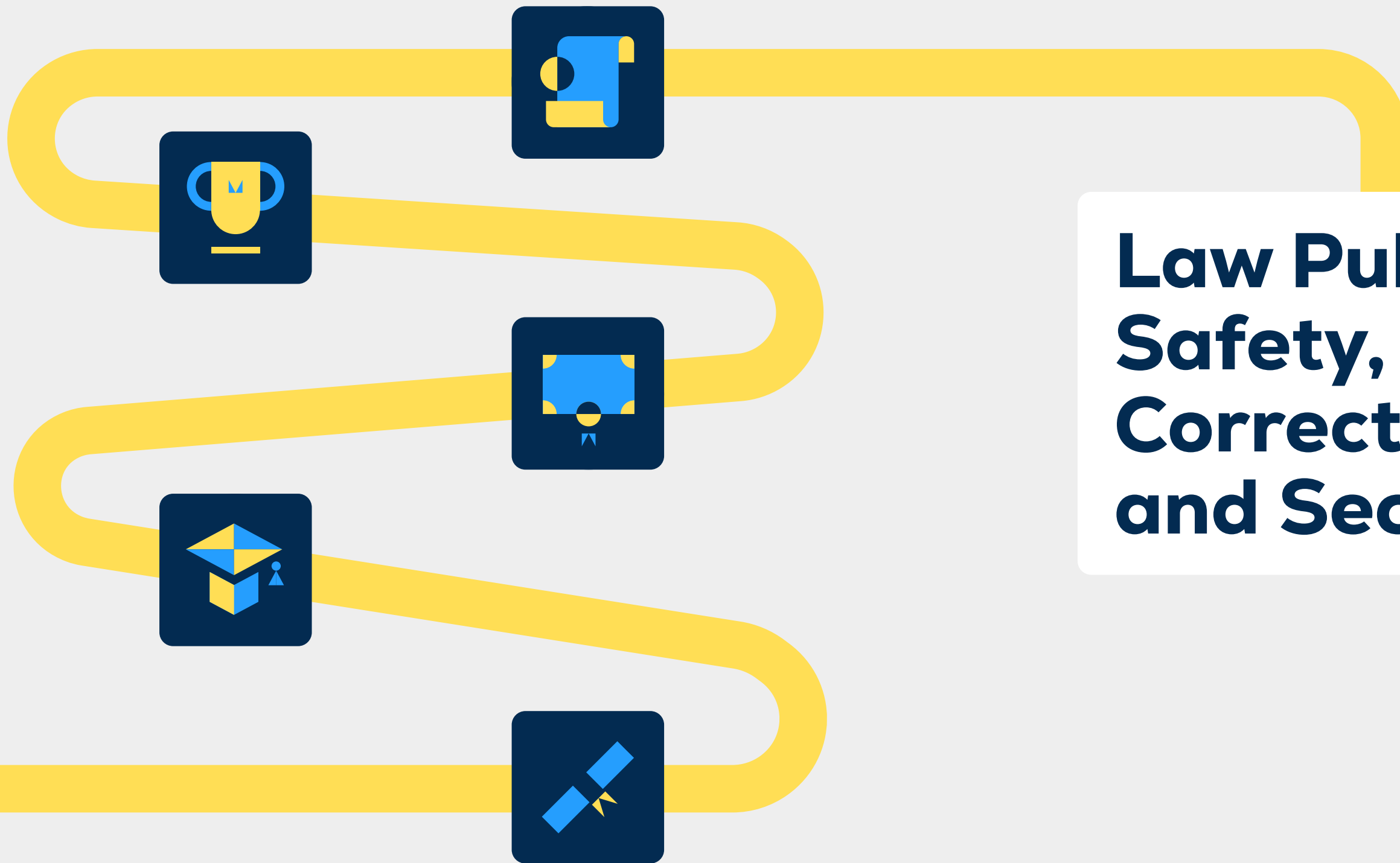
HFT1454  
Food and Beverage Cost Controls &  
HFT2449  
E-Business for the Hospitality Industry

HFT 2421  
Managerial Accounting for Hospitality &  
PRIOR DEPARTMENTAL APPROVAL REQUIRED  
HFT 1949  
Coop Work-Study Internship

**Exciting Possible Careers:** Entertainment & Recreation Manager / Talent Director / Marketing Manager / And more at [www.mynextmove.org](http://www.mynextmove.org)



Register today at [www.mdc.edu/dual-enrollment](http://www.mdc.edu/dual-enrollment)



# Law Public Safety, Corrections and Security

# Criminal Justice Operations

## High School Academy

8918010  
Criminal Justice Operations 1  

or

CJK 0120  
Police Service Aide Criminal Justice Operations

8918020  
Criminal Justice Operations 2

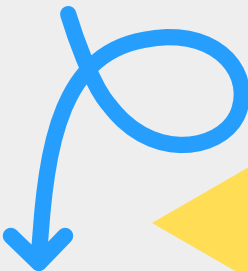
8918030  
Criminal Justice Operations 3

\*8918040  
Criminal Justice Operations 4 (Track 1)

\*8918040  
Criminal Justice Operations 4 (Track 2)

\*Academy students – upon completing all credits above during high school you will earn three credits for the following MDC courses:  
CCJ1020 Introduction to Criminal Justice (3cr).

Non-academy students – choose classes from recommended pathway.



These credits can be applied to any of the MDC Academic Pathway below.

College Credit Certificate (CCC)

Crime Scene Technician

Associate in Science (AS)

Crime Scene Technology

Bachelor of Applied Science (BAS)

Public Safety Management: Crime Scene Investigation / Criminal Justice

## Recommended Dual Enrollment Guided Pathway

Dual enrollment courses could count toward your high school diploma and future college degree!

Year 1

SLS 1510  
Preparing for Student Success  

or

HUMANITIES  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000

ENC 1101  
English Composition 1  

or

CGS 1060C  
Introduction to Computer Technology & Applications

AMH 2020  
History of US Since 1877  

or

POS 2041  
American Federal Government  

or

CSI PROCEDURAL SUMMER CAMP

Year 2

MGF 1107  
Mathematics for Liberal Arts 2

SPC 1017  
Fundamentals of Speech Communication

CCJ 1020  
Introduction to Criminal Justice

Year 3

BSC 1084  
Functional Human Anatomy

CLP 1006  
Psychology of Personal Effectiveness

CCJ 1191  
Human Behavior in Criminal Justice &  
CJE 2671  
Basic Fingerprinting

Year 4

CHS 1522C  
Forensic Science 1

CJE 1640  
Crime Scene Technology &  
CJE 2600  
Criminal Investigation

Learn more about this program

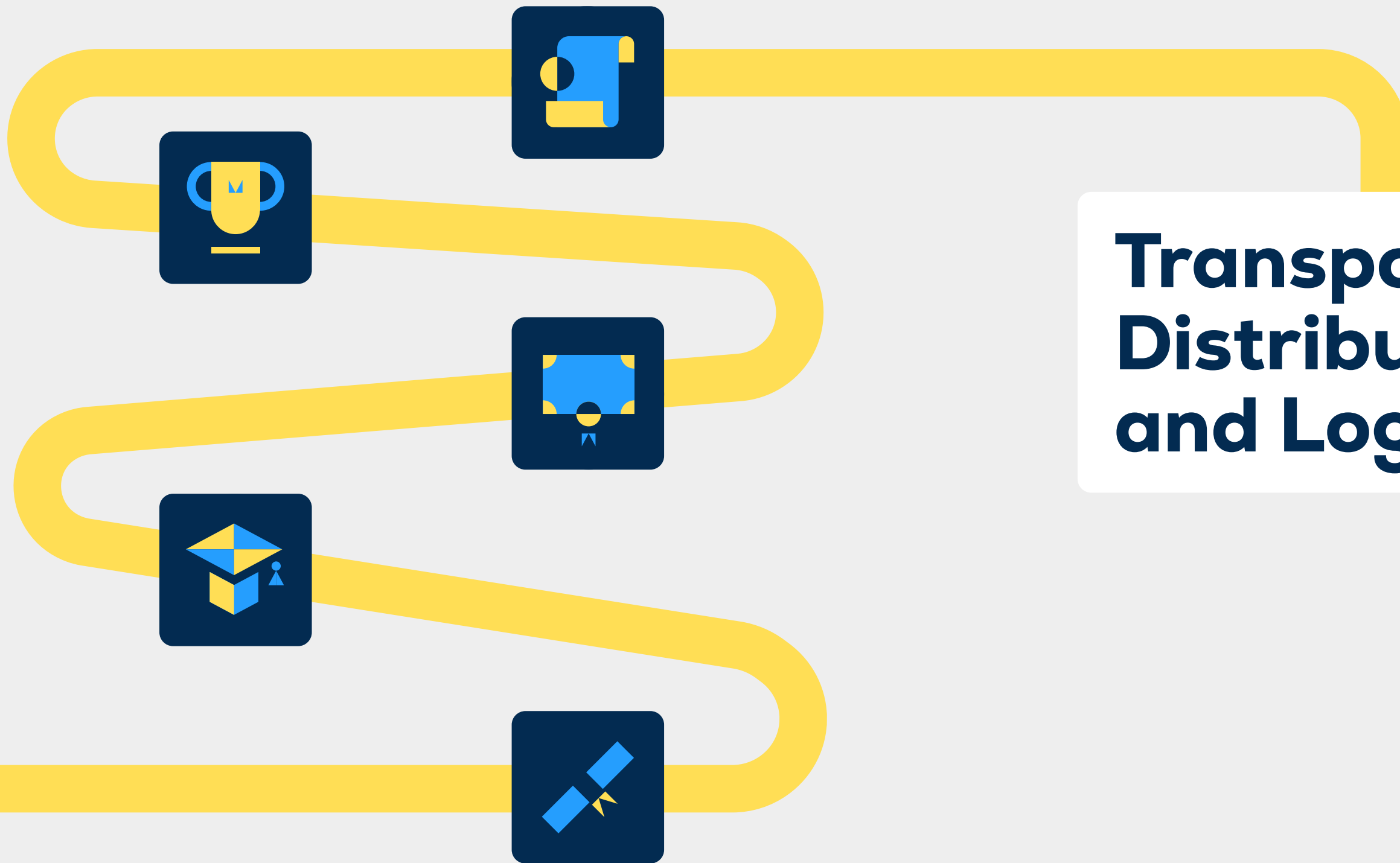
**Exciting Possible Careers:** Digital Forensics Analyst / Forensic Science Technician / Lawyer / And more at [www.mynextmove.org](http://www.mynextmove.org)

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Register today at [www.mdc.edu/dual-enrollment](http://www.mdc.edu/dual-enrollment)

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# Transportation Distribution and Logistics

# Global Logistics and Supply Chain Technology

## High School Academy

9503110  
Global Logistics and Supply Chain Technology

9503120  
Introduction to Information Technology & Introduction to Transportation and Applications &  
8207310  
Digital Information Technology

9503130  
Global Logistics Operations

9503140  
Global Logistics Management

\*Academy students – upon completing all credits above during high school you will earn twelve credits for the following MDC courses:

TRA 1154 Introduction to Supply Chain Management (3cr),  
TRA 2010 Introduction to Transportation and Logistics (3cr),  
TRA 2156 Operations Management for Transportation (3cr),  
TRA 2321 Transportation Public Policy and Law (3cr).

These credits can be applied to any of the MDC Academic Pathway below.

Non-academy students – choose classes from recommended pathway.

College Credit Certificate (CCC)

Intermodal Freight Transportation

International Freight Transportation

Logistics and Transportation Specialist

Associate in Science (AS)

Transportation and Logistics

Bachelor of Applied Science (BAS)

Leadership and Management Innovation

## Recommended Dual Enrollment Guided Pathway

Earn college credits at no cost – ask your CAP advisor about enrolling in dual enrollment!

Year 1

SLS 1510  
Preparing for Student Success  
Fall

ENC 1101  
English Composition 1  
Spring  
or  
CGS 1060C  
Introduction to Computer Technology & Applications

AMH 2020  
History of US Since 1877  
Summer  
or  
POS 2041  
American Federal Government

Year 2

MAC 1105  
College Algebra  
Fall  
or  
NATURAL SCIENCE  
(Choose 1)  
AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, PHY 1020, PHY 2053

\*TRA 1154  
Introduction to Supply Chain Management  
Spring

TRA 1430  
Introduction to Port Freight Operations & HUMANITIES  
Summer  
(Choose 1)  
ARH 1000, HUM 1020, MUL 1010, PHI 2010, THE 2000

Year 3

\*TRA 2010  
Introduction to Transportation and Logistics &  
AVM 2120  
Air Cargo  
Fall

\*TRA 2156  
Operations Management for Transportation  
Spring  
or  
\*TRA 2321  
Transportation Public Policy, Law, and Regulation

TRA 1410  
Introduction to Rail Freight Operations  
Summer  
or  
TRA 1420  
Introduction to Trucking Operations

Year 4

TRA 2402  
Intermodal Transportation Operations and Project Management  
Fall  
or  
DSC 2242  
Transportation and Border Security

TRA 2702  
International Logistics and Transportation  
Spring  
or  
MAN 2021  
Principles of Management  
or  
ECO 2023  
Principles of Economics (Micro)

Exciting Possible Careers: [Logistics Analyst](#) / [Supply Chain Manager](#) / [Logistics Engineer](#) / And more at [www.mynextmove.org](http://www.mynextmove.org)



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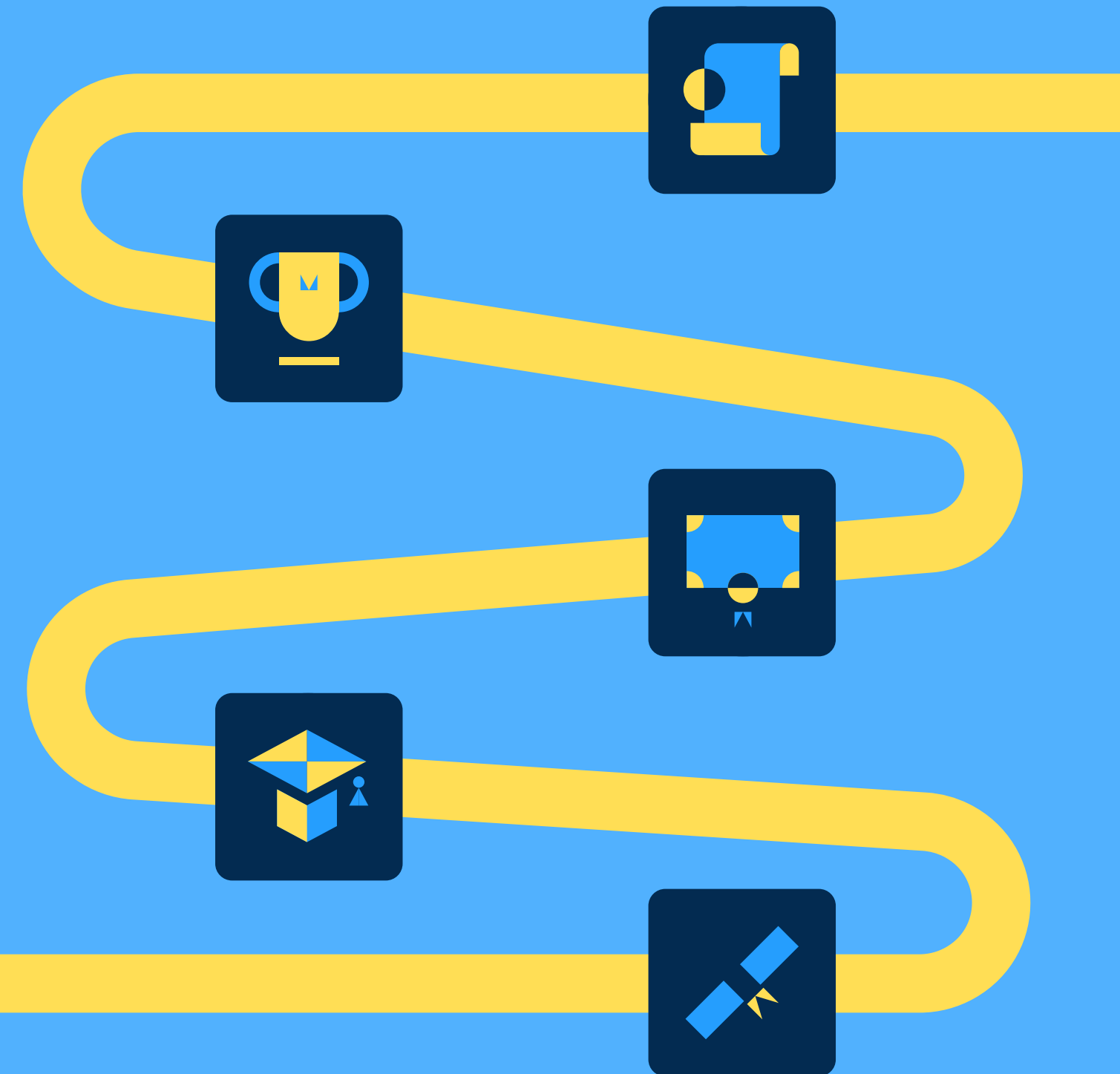
**At MDC, we believe that our Dual Enrollment program serves as a compass, empowering our students with clear and direct pathways to a future filled with possibilities.**

Here are some resources to support you as you consider embarking on this journey:

**Access | Miami Dade College**  
<https://www.mdc.edu/access/>

**Advisement**  
<https://www.mdc.edu/advisement/contact-an-advisor/>

**Career Planning**  
<https://www.mdc.edu/advisement/career-planning/>



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