



DEER PARK



Deer Park Jr./Sr. High School

8351 Plainfield Road
Cincinnati, OH 45236
Website: www.deerparkcityschools.org

INSPIRING AND EMPOWERING LIFELONG SUCCESS

Welcome to Deer Park Schools' Pathways Guide! Our district is committed to providing students with a wide range of opportunities to achieve their goals. Whether you're aiming for college, the military, or the workforce, our pathways offer tailored programs and guidance to help you succeed. Explore your options and find the path that's right for you!



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BY THE NUMBERS

14

Advanced Placement (AP) and Pre-AP courses offered in all four subject areas

34

Extracurricular activities

10+

Career-focused programs at Deer Park High School:

- Advanced Manufacturing
- Architecture & Construction
- Business & Entrepreneurship
- Education & Training
- Engineering
- Health Science
- Hospitality & Tourism
- Information Technology
- Law & Public Safety
- Cadet Core
- Various Programs at a Great Oaks Campus



WHY DEER PARK?

Preparing students for the career field and college after high school is incredibly important. In our Deer Park community, it's about giving students the tools they need to succeed in whatever path they choose.

Whether they're heading straight into a job or planning for college, preparation means they can step into their futures confidently. For parents, it means knowing your children have the skills to thrive and build fulfilling careers. It's all about

making sure students have the knowledge and support in whichever **PATHWAY** they choose to make the best decisions for themselves, opening doors to brighter opportunities and a better future for everyone.



For more information, please contact our Deer Park Jr/Sr High School Counseling Team at 513-891-0010 or by email:

- **Jason Spelic**

Counselor for students in grades 7-9

✉ spelic.j@dpccsd.org

- **Corrie Madden**

Counselor for students in grades 10-12

✉ madden.c@dpccsd.org



THE 3 E's

The goal of our career **PATHWAYS** is to help students discover their interests and align these interests with specialized knowledge and skill development within specific coursework and learning experiences so everyone in Deer Park Schools is **Enrolled, Employed, or Enlisted** upon graduation.



ENROLLMENT	EMPLOYMENT	ENLISTMENT
4 years of rigorous coursework with a focus on Honors or AP courses at DP High School	4 years of rigorous coursework at Deer Park High School with industry- focused courses	4 years of rigorous coursework at Deer Park High School with a focus on leadership development and cadet core
-OR-	-OR-	-OR-
2 years of rigorous coursework at DP High School & 2 years of training at Great Oaks	2 years of rigorous coursework at DP High School & 2 years of training at Great Oaks	2 years of rigorous coursework at DP High School & 2 years of training at Great Oaks
Takeaways:	Takeaways:	Takeaways:
DP High School diploma	Pre-Apprenticeship	DP High School diploma
Industry Recognized Credentials	DP High School diploma	Industry Recognized Credentials
College Credit offered in many courses and avenues	Industry Recognized Credentials	
	Career Readiness	
Recommended assessments:	Recommended assessments:	Recommended assessments:
PSAT (10th grade)	PSAT (10th grade)	PSAT (10th grade)
SAT/ACT (11th-12th grade)	SAT/ACT (11th-12th grade)	SAT/ACT (11th-12th grade)
	Credential Specific Assessments	Credential Specific Assessments



ENROLLMENT PATHWAY

The following course schedule is recommended for students wishing to follow the Enrollment Pathway at Deer Park High School in order to prepare for college after graduation. Students planning to enroll are not required to take all AP/Pre-AP courses in every subject; these are recommended options that are available in various subjects. It is suggested students take a combination of AP and CP classes listed below:



COURSE SCHEDULE

CLASS	9TH	10TH	11TH	12TH	RELATED OPTIONS
ENGLISH	Pre-AP 2	AP Language	AP Liturature/ AP Language	CCP/AP Liturature	Varsity Tutors for SAT Prep
MATH	Hon. Geometry/Hon. Algebra 1	Hon. Algebra 2/ Hon. Geometry	Hon. Pre-Calc/AP Stats/Hon. Alg. 2	AP Calculus/AP Stats	Discrete Math/ Computer Science
SCIENCE	Hon. Bio	Hon. Chem	AP Bio/AP Chem	Hon. Anatomy/ Hon. Physics	
SOCIAL STUDIES	AP Human Geography	AP US History	AP Government/AP Euro	AP Psychology	
ELECTIVES	7 credits required <ul style="list-style-type: none">1 credit fine art½ credit health½ credit PE½ credit Financial Literacy2 Credits foreign language recommended				

*Grade 8 offers Pre-AP English 1, Pre-AP World Social Studies, Honors Science 8, and Honors Algebra 1 for advanced courses in Junior High.

EMPLOYMENT PATHWAY

The following course schedule is recommended for students wishing to follow the Employment Pathway at Deer Park High School in order to prepare for a career after graduation, and possibly college as well. Students planning to be employed are not required to take only these courses; these are recommended options that are available in various subjects.

COURSE SCHEDULE

CLASS	9TH	10TH	11TH	12TH	RELATED OPTIONS
ENGLISH	English 9	English 10	English 11	English 12	
MATH	Algebra 1	Geometry	Mathematics Modeling and Reasoning/ Discrete Mathematics/Stats	Quantitative Reasoning/Discrete Mathematics/Stats	Financial Literacy
SCIENCE	Physical Science	Biology	Earth Science	Chemistry	
SOCIAL STUDIES	World Studies	US Studies	Government	Contemporary World Issues	
ELECTIVES	7 credits required <ul style="list-style-type: none">1 credit fine art½ credit health½ credit PE½ credit Financial Literacy2 Credits foreign language recommended				Career Academies courses: See pathway programs to follow

ENLISTMENT PATHWAY

The following course schedule is recommended for students wishing to follow the Enlistment Pathway at Deer Park High School in order to prepare for military enlistment and a career after graduation, and possibly college as well. Students planning to enlist are not required to take these courses; these are recommended options that are available in various subjects. It is suggested students take a combination of AP and CP classes listed below:

COURSE SCHEDULE

CLASS	9TH	10TH	11TH	12TH	RELATED OPTIONS
ENGLISH	English 9/Pre-AP 2	English 10/AP Language	English 11/ AP Language/ AP Literature	English 12/AP Literature/ CCP	
MATH	Algebra 1	Geometry/ Hon. Geometry	Mathematics Modeling and Reasoning/ Discrete Mathematics/Stats	Quantitative Reasoning/ Stats/ Discrete Math	
SCIENCE	Physical Science	Biology/Chemistry	Earth Science/ Chemistry	Earth Science/ Chemistry	
SOCIAL STUDIES	World Studies/ AP Human Geography	US Studies/ AP US History	AP Government/ Government	Contemporary World Issues/ blended	
ELECTIVES	7 credits required <ul style="list-style-type: none">1 credit fine art½ credit health½ credit PE½ credit Financial Literacy2 Credits foreign language recommended				Cadet Core 1 & 2

ADVANCED PLACEMENT

The following course schedule is recommended for students wishing to take Advanced Placement (AP) courses at Deer Park High School in order to prepare for college after graduation. The chart below represents the available time frame to enroll in various AP courses.

COURSE SCHEDULE

CLASS	8TH	9TH	10TH	11TH	12TH
ENGLISH	Pre-AP ELA 1	Pre- AP ELA 1 &2	Pre-AP ELA 2 AP Literature AP Language	AP Literature AP Language	AP Literature AP Language
MATH			AP Stats	AP Stats AP Calculus	AP Stats AP Calculus
SCIENCE			AP Chemistry AP Biology	AP Chemistry AP Biology	AP Chemistry AP Biology
SOCIAL STUDIES	Pre-AP World Studies	AP Human Geography	AP US History	AP Psychology AP Government AP European History	AP Psychology AP Government AP European History



ELECTIVE COURSES

ENGLISH	FOREIGN LANGUAGE	BUSINESS
<ul style="list-style-type: none">Creative WritingCreative Writing IITheater Arts & CommunicationCommunity ServiceIntro to JournalismTheaterShakespeare in Pop Culture	<ul style="list-style-type: none">French IFrench IIFrench IIIFrench IVHonors French VSpanish ISpanish IISpanish IIISpanish IVHonors Spanish V	<ul style="list-style-type: none">Personal FinancePersonal Finance IIComputer Apps IComputer Apps IIMarketing EssentialsEntrepreneurship 101Entrepreneurship 201Project Management 101Project Management 201Project Management 301
SOCIAL STUDIES	PHYSICAL EDU.	FINE ARTS
<ul style="list-style-type: none">Big HistoryStreet LawAmerican Cultural ExperienceCincinnati and Local HistorySports HistoryWorld GeographyIntro to Psychology	<ul style="list-style-type: none">HealthPersonal WellnessPhysical EducationWeight LiftingD1	<ul style="list-style-type: none">Ceramics & SculptureAdvanced CeramicsBeginning Painting & DrawingAdvanced Painting & DrawingFoundations in ArtArtisanal Crafts
MUSIC	LAW & PUBLIC SAFETY	ENGINEERING
<ul style="list-style-type: none">Senior BandColor GuardJazz BandShow ChoirSoprano-Alto ChoirBeginning GuitarSurvey of Jazz & Rock MusicTenor-Bass Choir	<ul style="list-style-type: none">See page 22 for courses	<ul style="list-style-type: none">See page 18 for courses
BUSINESS & ENTREPRENUERSHIP	ADVANCED MANUFACTURING	HOSPITALITY & TOURISM
<ul style="list-style-type: none">See page 16 for courses	<ul style="list-style-type: none">See page 14 for courses	<ul style="list-style-type: none">See page 20 for courses
EDUCATION & TRAINING	HEALTH SCIENCE	INFORMATION TECHNOLOGY
<ul style="list-style-type: none">See page 17 for courses	<ul style="list-style-type: none">See page 19 for courses	<ul style="list-style-type: none">See page 21 for courses
ARCHITECTURE & CONSTRUCTION	CADET CORE	OTHER
<ul style="list-style-type: none">See page 15 for courses	<ul style="list-style-type: none">See page 23 for courses	

CAREER PATHWAYS PROGRAM



**MINDY
ROBERTSON**

Director of Teaching &
Learning (7-12)



**JAY
PHILLIPS**

Superintendent



**JOHN
VANDER MEER**

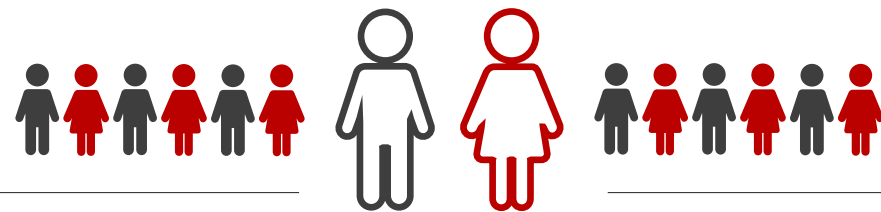
Principal

ADVANCED MANUFACTURING

The Industry 4.0 Academy will utilize the Ignite Mastering Manufacturing program to earn credentials in both Advanced Manufacturing, as well as Engineering. Ignite is a foundational skill development program designed to stimulate student interest in today's Advanced Manufacturing, Engineering, and other Industry 4.0 careers.



This pathway program couples well with IT for students who wish to expand their career opportunities. These courses will allow students to earn true industry recognized credentials in both Advanced Manufacturing and Engineering pathways.



COURSE SCHEDULING

Year 1: Manufacturing 101: Introduction to Advanced Manufacturing & Manufacturing 201: Introduction to Smart Automation Systems

Year 2: Manufacturing 301: Mechatronic Systems & Manufacturing 401: Digital Manufacturing Systems (launching in 2025-26)

INDUSTRY RECOGNIZED CREDENTIALS



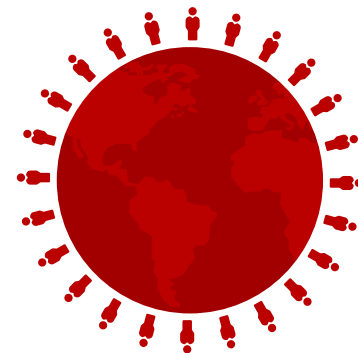
Smart Automation Certification Alliance (SACA)



Certified Production Technician + Skill Boss (CPT + Skill Boss) certification

GRADUATION SEALS

- 12 point industry credential
- Opportunity for Pre-apprenticeship
- Ohio Means Jobs Readiness Seal (if also employed)



Important Note: A student could earn an Associates Degree in Automotive Leadership while at Deer Park if they complete these tasks:

- Complete 10 SACA credentials while at Deer Park
- Complete 7 Gen. Ed CCP courses through the University of Akron

A student could earn a Bachelor's Degree in Automotive Leadership while at Deer Park if they complete these tasks:

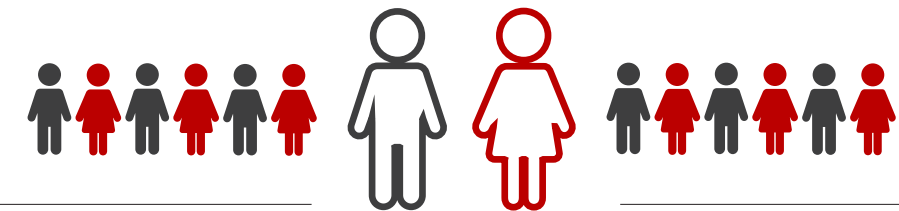
- Complete an additional 15 SACA credentials while at Deer Park (on top of the previous 10)
- Complete 7 specific CCP courses through the University of Akron, focused on Automotive Leadership

ARCHITECTURE & CONSTRUCTION

The Architecture & Construction pathway combines various roles in the construction field, including hands-on learning opportunities, and project management application.



This pathway program couples well with the Business & Entrepreneurship pathway for students who are interested in Project Management.



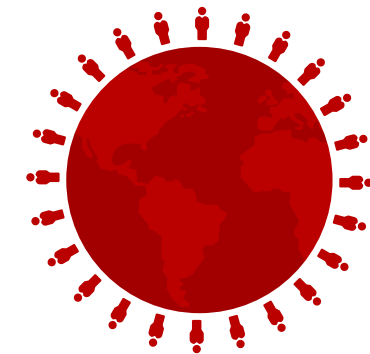
COURSE SCHEDULING

Year 1: Algebra 1 and Intro to Construction Basics 1 & 2

Year 2: Geometry, English 10, and Entrepreneurship 101, Project Management 101

Year 3: Entrepreneurship 201, Project Management 201, Pre-Apprenticeship

Year 4: Project Management 301 & Pre-Apprenticeship



INDUSTRY RECOGNIZED CREDENTIALS



National Center for Construction Education and Research (Intro to Construction)



Lead4Change (Entrepreneurship 201)



CAP-M Certification (Project Management 301)

GRADUATION SEALS

- 12 point industry credential
- Opportunity for Pre-apprenticeship
- Ohio Means Jobs Readiness Seal (if also employed)



BUSINESS & ENTREPRENEURSHIP

The Business & Entrepreneurship Academies are designed to survey the various types of skills that help a future entrepreneur or employee work in a successful business field.



This pathway program couples well with the Architecture & Construction pathway for students who are interested in hands-on experiences and Project Management.



COURSE SCHEDULING

Year 1: Entrepreneurship 101

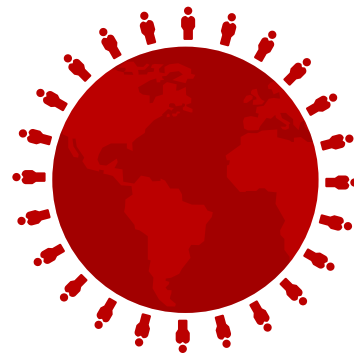
Year 2: Entrepreneurship 201 & Marketing

Year 3: Entrepreneurship 301

INDUSTRY RECOGNIZED CREDENTIALS

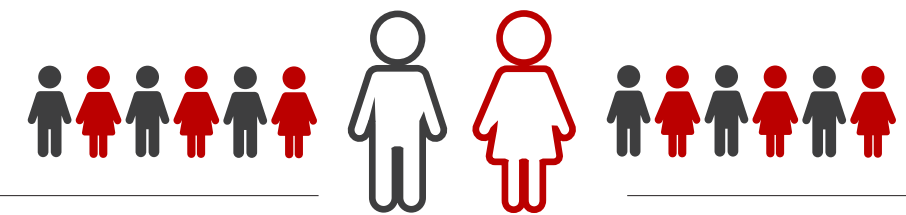


Lead4Change
(Entrepreneurship 201)



EDUCATION & TRAINING

The Education pathway is designed to help students who are interested in a future in the education or early childhood education field. These courses help students survey skills and creative thinking needed for education.



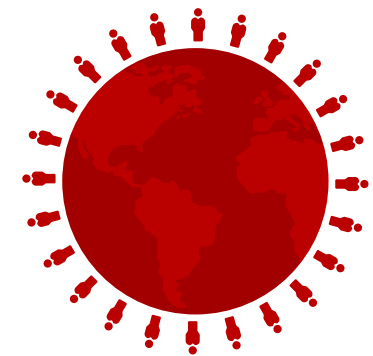
COURSE SCHEDULING

Year 1: Health

Year 2: Creative Writing

Year 3: Psychology; opportunity for pre-apprenticeship;
CCP Education

Year 4: CCP Education; opportunity for pre-apprenticeship



GRADUATION SEALS



12 point industry
credential



Opportunity for Pre-
apprenticeship



Ohio Means Jobs Readiness
Seal (if also employed)

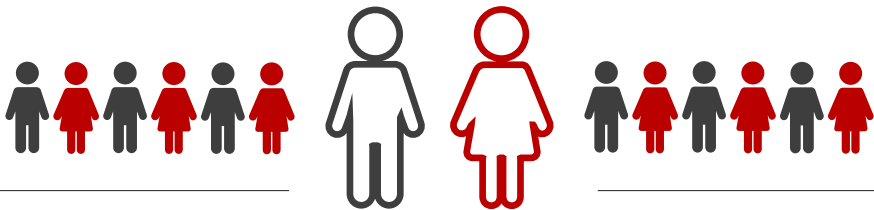


ENGINEERING

The Industry 4.0 Ignite Mastering Manufacturing curriculum allows students to earn credentials in both Engineering and Advanced Manufacturing. Ignite is a foundational skill development program designed to stimulate student interest in today's Advanced Manufacturing, Engineering, and other Industry 4.0 careers.



This pathway program couples well with IT for students who wish to expand their career opportunities. Students may enjoy taking the UC IT courses in addition to Manufacturing. These courses will allow students to earn true industry recognized credentials in both Advanced Manufacturing and Engineering pathways.



COURSE SCHEDULING

Year 1: Manufacturing 101: Introduction to Advanced Manufacturing & Manufacturing 201: Introduction to Smart Automation Systems

Year 2: Manufacturing 301: Mechatronic Systems & Manufacturing 401: Digital Manufacturing Systems (launching in 2025-26)



INDUSTRY
RECOGNIZED CREDENTIALS



Smart Automation Certification Alliance (SACA)



Certified Production Technician + Skill Boss (CPT + Skill Boss) certification

GRADUATION SEALS



12 point industry credential



Opportunity for Pre-apprenticeship



Ohio Means Jobs Readiness Seal (if also employed)

HEALTH
SCIENCE

The Health Science pathway and Sports Medicine Career Academy is designed to help students who are interested in a future in the medical field. These courses offer hands-on learning opportunities, as well as career exploration in other aspects of the health sector other than Sports Medicine, through a partnership with Mercy Health.



This pathway offers an opportunity for students to intern with the Deer Park Athletic Training staff at high school sporting events.



COURSE SCHEDULING

Year 1: Sports Medicine 101

Year 2: Biology & Sports Medicine 201



GRADUATION SEALS



12 point industry credential



Opportunity for Pre-apprenticeship



Ohio Means Jobs Readiness Seal (if also employed)



HOSPITALITY & TOURISM

The Hospitality and Tourism pathway combines various roles in developing interpersonal skills and hospitality.



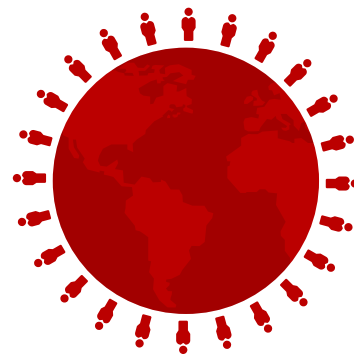
This pathway is currently in its development stages with many more exciting opportunities coming in the near future!



COURSE SCHEDULING

Year 1: Health

Year 2: Computer Applications 1 & American Cultural Experience



GRADUATION SEALS



12 point industry credential



Opportunity for Pre-apprenticeship



Ohio Means Jobs Readiness Seal (if also employed)



INFORMATION TECHNOLOGY

The Information Technology pathway prepares students for in demand, high paying jobs in fields such as system administration, database administration, cybersecurity, software development, and web development.



This pathway program couples well with the Advanced Manufacturing program for students who wish to expand their career opportunities.

Students will have the option to participate in the University of Cincinnati Early IT program, giving them the opportunity to complete their

entire freshman year as an IT major at UC while in high school.



COURSE SCHEDULING

Year 1: UC IT course & Computer applications 1

Year 2: UC IT course

Year 3: Recommended Discrete Mathematics/Computer Science

GRADUATION SEALS



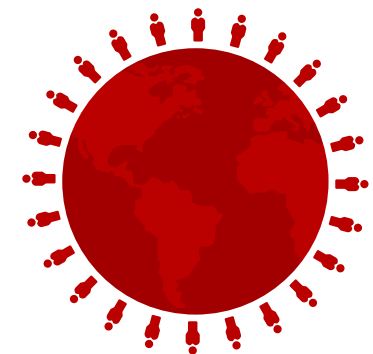
12 point industry credential



Opportunity for Pre-apprenticeship



Ohio Means Jobs Readiness Seal (if also employed)



Important Note: A student could complete their first year at UC while at Deer Park if they complete these tasks:

- Choose to Major in Information Technology at UC upon graduation
- Take 4 UC IT courses offered at Deer Park
- Complete 2 additional UC IT courses through CCP at UC
- Complete CCP English, CCP Math, and CCP Social Studies

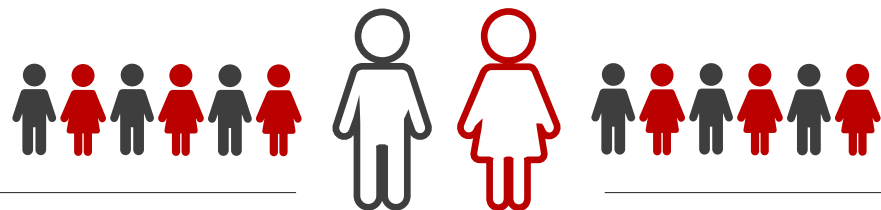


LAW & PUBLIC SAFETY

The Law & Public Safety pathway includes many opportunities to learn skills and opportunities associated with government, laws, and public safety measures. This includes opportunities in hands-on learning for credentialing opportunities, as well as job shadowing and field trip experiences.



Students may also be interested in taking Cadet Core 1 & 2 courses.



COURSE SCHEDULING

Year 1: Health & Street Law

Year 2: Weight Lifting

Year 3: Government

INDUSTRY
RECOGNIZED CREDENTIALS



CPR first aid



National Incident Management
Systems 100, 200, 700, & 800



Bleeding Control
training

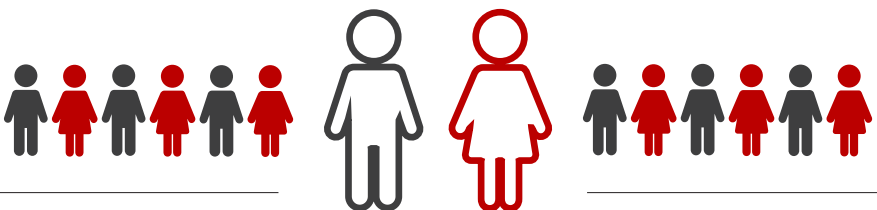


CADET
CORE

Cadet Core teaches citizenship, leadership skills, health and wellness, and service to the community. The curriculum includes cultural awareness as well as global history. Students gain a sense of accomplishment and self-esteem while learning personal responsibility, teamwork and self-discipline. Students also better understand the



personal rights, responsibilities, and privileges of American citizens. Students may be interested in pursuing the related pathway, Law & Public Safety.



COURSE SCHEDULING

Year 1: Cadet Core 1

Year 2: Cadet Core 2

GRADUATION SEALS





Military Enlistment- (student must
show evidence of enlistment in a
branch of the armed services)





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