

Red Clay
Consolidated
School District

HIGH SCHOOL

A QUICK GUIDE TO
RED CLAY SCHOOLS

Comprehensive
Public High Schools
and Magnet Programs

50+ Opportunities to
Earn College Credit

40 Paths to Success

Updated November 2017

This guide covers Red Clay's five comprehensive public high schools and magnet programs (Alexis I. du Pont High School, Cab Calloway School of the Arts, Conrad Schools of Science, John Dickinson High School and Thomas McKean High School). For information about Red Clay's charter schools, adult education and other programs, visit redclayschools.com.

Courses and offerings. All courses and offerings listed in this guide are subject to changes in availability based on interest expressed by the student body during the spring course request period.

Nondiscrimination and Section 504 Notice. All parties, procedures, and policies of the Red Clay Consolidated School District shall clearly exemplify that there is no discrimination in the recruitment, employment, and subsequent placement, training, promotion, compensation, tenure, and all other terms and conditions of employment over which the Red Clay Consolidated School District Board of Education shall have jurisdiction, or in the educational programs and activities of students on the basis of race, creed, color, religion, national origin, age, sex, sexual orientation, domicile, marital status, handicap, genetic information, veteran status, or any legally protected characteristic. Inquiries into compliance for Title IX or Section 504 are to be directed to Debra Davenport, Human Resources Development, Red Clay Consolidated School District, 302.552.3783.

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1.0 OUR HIGH SCHOOLS

Comprehensive Public High Schools and Magnet Programs

ALEXIS I. DU PONT HIGH SCHOOL

50 HILLSIDE RD, WILMINGTON, DE 19807
302.651.2626 | REDCLAYSCHOOLS.COM/AIHS



PATHWAYS

- Administrative Services
- AVID
- Communications Technology
- Computer Science
- Culinary Arts & Hospitality Management
- Drafting & Design
- Early Childhood Education
- Early College Academy
- Jobs for Delaware Graduates
- Journalism
- Marketing
- NAF Academy of Finance
- Renovation & Construction

PROGRAMS OF STUDY

- Instrumental Music
- Theater
- Visual Arts
- Vocal Arts
- World Language & International Studies

ADVANCED PLACEMENT

- AP Art History
- AP Calculus AB
- AP Calculus BC
- AP Computer Science A
- AP Computer Science Principles
- AP English Language & Composition
- AP English Literature & Composition
- AP Environmental Science
- AP European History
- AP Human Geography
- AP Psychology
- AP Spanish Language & Culture
- AP Statistics
- AP U.S. Government & Politics
- AP U.S. History

DUAL ENROLLMENT

- DTCC BIO 106: Basic Nutrition Concepts
- DTCC SOC 111: Sociology
- WU BBM 102: Introduction to Business
- WU CTA 210: Computer Science
- WU ENG 121: English Composition I
- WU ENG 122: English Composition II
- WU FYE 101: First Year Experience
- WU HIS 204: World History
- WU SCI 304: Astronomy

CERTIFICATIONS

Through this school's pathways and programs of study, students may earn industry-recognized certifications and licenses such as:

- EPA Certificate
- NAFTrack Certification
- National Lead Safety for Renovation & Painting Certificate
- National OSHA Certificate

All offerings listed in this guide are subject to changes in availability based on interest expressed by the student body during the spring course request period.



CAB CALLOWAY SCHOOL OF THE ARTS

100 N. DUPONT RD, WILMINGTON, DE 19807
302.651.2700 | CABCALLOWAYSCHOOL.ORG



PATHWAYS

- Dance
- Digital Communication Arts
- Piano
- Strings
- Technical Theater
- Theater Arts
- Vocal Music

PROGRAMS OF STUDY

- Instrumental Music
- Visual Arts
- World Language & International Studies

ADVANCED PLACEMENT

- AP Art History
- AP Biology
- AP Calculus AB
- AP Calculus BC
- AP Chemistry
- AP English Language & Composition
- AP English Literature & Composition
- AP Environmental Science
- AP European History
- AP French Language & Culture
- AP Human Geography
- AP Macroeconomics
- AP Microeconomics
- AP Physics C: Electricity & Magnetism
- AP Psychology
- AP Spanish Language & Culture
- AP Statistics
- AP Studio Art
- AP U.S. Government & Politics
- AP U.S. History

DUAL ENROLLMENT

- DTCC BIO 120:
Anatomy & Physiology
- UD ANTH 101:
Introduction to Social &
Cultural Anthropology
- UD BISC 105:
Human Heredity & Development
- UD BUAD 100:
Introduction to Business
- UD ENGL 110:
Critical Reading & Writing
- UD PHIL 100:
Philosophies of Life

Cab Calloway School of the Arts is a magnet school focused on the arts, with its own admissions process and requirements beyond the Delaware School Choice Application. To learn more, visit cabcallowayschool.org.

All offerings listed in this guide are subject to changes in availability based on interest expressed by the student body during the spring course request period.



CONRAD SCHOOLS OF SCIENCE

201 JACKSON AVE, WILMINGTON, DE 19804
302.992.5545 | REDCLAYSCHOOLS.COM/CONRAD



PATHWAYS

- Animal Science
- Biomedical Sciences
- Biotechnology
- Computer Science
- Nursing
- Physical Therapy & Sports Medicine

PROGRAMS OF STUDY

- AP Capstone
- Instrumental Music
- Vocal Arts
- World Language & International Studies

CERTIFICATIONS

Through this school's pathways and programs of study, students may earn industry-recognized certifications and licenses such as:

- ACSM Certified Personal Trainer Certification
- CNA Certification
- CPR / First Aid / AED Certification

ADVANCED PLACEMENT

- AP Biology
- AP Calculus AB
- AP Calculus BC
- AP Chemistry
- AP Chinese
- AP Comparative Government & Politics
- AP Computer Science A
- AP Computer Science Principles
- AP English Language & Composition
- AP English Literature & Composition
- AP Environmental Science
- AP Human Geography
- AP Physics 1
- AP Physics 2
- AP Psychology
- AP Research
- AP Seminar
- AP Spanish Language & Culture
- AP Spanish Literature & Culture
- AP Statistics
- AP U.S. Government & Politics
- AP U.S. History
- AP Workshop
- AP World History

DUAL ENROLLMENT

- DTCC BIO 100: Medical Terminology
- DTCC BIO 110: Essentials: Anatomy & Physiology
- DTCC BIO 120: Anatomy & Physiology
- DTCC ENG 101: Critical Thinking & Academic Writing
- DTCC ENG 124: Oral Communications
- DTCC HLH 130: Nurse Assistant Training
- DTCC MAT 153: College Math & Statistics
- DTCC SOC 111: Sociology
- UD ANTH 101: Introduction to Cultural & Social Anthropology
- UD BISC 105: Human Heredity & Development
- UD ECON 100: Economic Issues & Policies
- UD ENGL 110: Critical Reading & Writing
- UD PHIL 100: Philosophies of Life

Conrad Schools of Science is a magnet school focused on excellence in Biotechnology and Allied Health, with its own admissions process and requirements beyond the Delaware School Choice Application. To learn more, visit redclayschools.com/conrad.

All offerings listed in this guide are subject to changes in availability based on interest expressed by the student body during the spring course request period.

JOHN DICKINSON HIGH SCHOOL

1801 MILLTOWN RD, WILMINGTON, DE 19808
302.992.5500 | REDCLAYSCHOOLS.COM/DICKINSON



IB DIPLOMA

The International Baccalaureate (IB) Diploma Program at John Dickinson High School is a two-year pre-college diploma program that helps prepare students aged 16 to 19 for higher education in the United States and overseas through a combination of advanced content knowledge and a focus on the development of critical thinking and an appreciation of global issues.

More than an academic program, IB focuses on the whole person, seeking to create inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect.

The IB Diploma Program at John Dickinson High School has its own admissions process and requirements beyond the Delaware School Choice Application. To learn more, visit redclayschools.com/dickinson.

PATHWAYS

- Automotive Technology
- AVID
- Computer Science
- Digital Communication Arts
- Drafting & Design
- Graphic Design
- IB Diploma Program
- Jobs for Delaware Graduates
- Processes of Design & Engineering
- Renovation & Construction

PROGRAMS OF STUDY

- Instrumental Music
- Visual Arts
- Vocal Arts
- World Language & International Studies

All offerings listed in this guide are subject to changes in availability based on interest expressed by the student body during the spring course request period.

ADVANCED PLACEMENT

- AP Calculus AB
- AP Computer Science Principles
- AP English Language & Composition
- AP Psychology
- AP Spanish Language & Culture
- AP U.S. History
- AP World History

DUAL ENROLLMENT

- DTCC ENG 101: Critical Thinking & Academic Writing
- DTCC ENG 102: Composition & Research
- DTCC MAT 153: College Math & Statistics

CERTIFICATIONS

Through this school's pathways and programs of study, students may earn industry-recognized certifications and licenses such as:

- EPA Certificate
- National Lead Safety For Renovation & Painting Certificate
- National OSHA Certificate



THOMAS MCKEAN HIGH SCHOOL

301 MCKENNANS CHURCH RD, WILMINGTON, DE 19808
302.992.5520 | REDCLAYSCHOOLS.COM/MCKEAN



PATHWAYS

- Animal Science
- Audio, Radio & Video Engineering
- Automotive Technology
- AVID
- Culinary Arts & Hospitality Management
- Early Childhood Education
- Jobs for Delaware Graduates
- K-12 Teacher Academy
- Manufacturing Engineering Technology
- Marketing
- Natural Resources & Environmental Sciences
- Plant & Horticultural Sciences
- Renovation & Construction

PROGRAMS OF STUDY

- Instrumental Music
- Visual Arts
- Vocal Arts
- World Language & International Studies

All offerings listed in this guide are subject to changes in availability based on interest expressed by the student body during the spring course request period.

ADVANCED PLACEMENT

- AP Art History
- AP Calculus AB
- AP Chemistry
- AP English Language & Composition
- AP English Literature & Composition
- AP Environmental Science
- AP European History
- AP Human Geography
- AP Italian Language & Culture
- AP Physics 1
- AP Physics C: Mechanics
- AP Psychology
- AP Spanish Language & Culture
- AP Statistics
- AP Studio Art
- AP U.S. History
- AP World History

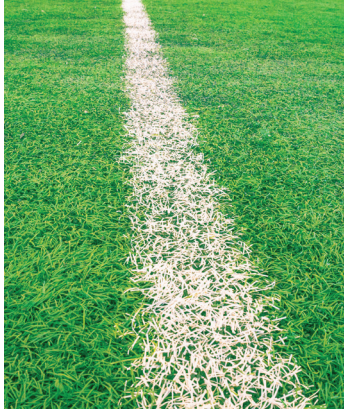
DUAL ENROLLMENT

- DTCC BIO 120: Anatomy & Physiology
- DTCC ENG 101: Critical Thinking & Academic Writing
- DTCC ENG 102: Composition & Research
- DTCC PSY 121: Psychology
- DTCC SOC 111: Sociology

CERTIFICATIONS

Through this school's pathways and programs of study, students may earn industry-recognized certifications and licenses such as:

- Adobe Certification
- American Society for Horticulture Science Certification
- AutoDesk Inventor Certification
- Certified Veterinary Assistant (CVA) Certification
- Child Development Associate (CDA) Certification
- CPR / First Aid / AED Certification
- EPA Certificate
- GIS Certification
- Hootsuite Social Media Certification
- NACTE Certification
- NAI CIG Certification
- National Lead Safety For Renovation & Painting Certificate
- National OSHA Certificate
- NCCER Certification
- Nutrient Management Certification
- ParaPro Certification
- Pesticide Application & Management Certification
- Pork Quality Assurance Certification
- Serv-Safe Certification
- Student ASE Certification
- Tech Prep Certification



2.0

EARNING
COLLEGE
CREDIT IN
HIGH SCHOOL

Over 50 Opportunities including AP, IB and Dual Enrollment

ADVANCED PLACEMENT

Advanced Placement (AP) allows high school students to take college-level courses at their high school with the potential to earn college credit by receiving a passing score on the AP subject exam, as determined by the college.

All courses listed in this guide are subject to changes in availability based on interest expressed by the student body during the spring course request period.

	AIHS	CCSA	CSS	JDHS	TMHS
AP Art History	●	●			●
AP Biology		●	●		
AP Calculus AB	●	●	●	●	●
AP Calculus BC	●	●	●		
AP Chemistry		●	●		●
AP Chinese Language & Culture			●		
AP Comparative Government & Politics			●		
AP Computer Science A	●		●		
AP Computer Science Principles	●		●	●	
AP English Language & Composition	●	●	●	●	●
AP English Literature & Composition	●	●	●		●
AP Environmental Science	●	●	●		●
AP European History	●	●			●
AP French Language & Culture		●			
AP Human Geography	●	●	●		●
AP Italian Language & Culture					●
AP Macroeconomics		●			
AP Microeconomics		●			
AP Physics 1			●		●
AP Physics 2			●		
AP Physics C		●			●
AP Psychology	●	●	●	●	●
AP Research, AP Seminar & AP Workshop			●		
AP Spanish Language & Culture	●	●	●	●	●
AP Spanish Literature & Culture			●		
AP Statistics	●	●	●		●
AP Studio Art		●			●
AP U.S. Government & Politics	●	●	●		
AP U.S. History	●	●	●	●	●
AP World History			●	●	●



INTERNATIONAL BACCALAUREATE

at John Dickinson High School

WHAT IS IB?

The International Baccalaureate (IB) Diploma Program at John Dickinson High School is a two-year pre-college diploma program that helps prepare students aged 16 to 19 for higher education in the United States and overseas through a combination of advanced content knowledge and a focus on the development of critical thinking and an appreciation of global issues.

The IB Diploma Program is a rigorous course of study for highly motivated students in grades 11 and 12, with student work graded on global standards set by assessors around the world. An IB diploma is internationally honored by universities as proof of excellent preparedness for college work, and students have the opportunity to earn college credit by receiving a passing score on the IB subject exam, as determined by the college.

More than an academic program, IB focuses on the whole person, seeking to create inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect. Requirements include Creativity, Action and Service hours, a unique course in Theory of Knowledge, and an extended essay written under the supervision of a mentor.

APPLICATION

The IB Diploma Program has an application process which considers a student's ability, capacity and motivation to handle an increased workload in high school; performance on state assessments in math and reading; recent grades; and teacher recommendations.

To learn more about the IB Diploma Program, visit redclayschools.com/dickinson.

DUAL ENROLLMENT

Dual enrollment allows high school students to take college-level courses at their high school through partnerships between high schools and Delaware Technical & Community College (DTCC), the University of Delaware (UD) and Wilmington University (WU). Students earn both high school and college credit by passing the class.

All courses listed in this guide are subject to changes in availability based on interest expressed by the student body during the spring course request period.

	AIHS	CCSA	CSS	JDHS	TMHS
DTCC BIO 100: Medical Terminology			●		
DTCC BIO 106: Basic Nutrition Concepts	●				
DTCC BIO 110: Essentials: Anatomy & Physiology			●		
DTCC BIO 120: Anatomy & Physiology		●	●		●
DTCC ENG 101: Critical Thinking & Academic Writing			●	●	●
DTCC ENG 102: Composition & Research				●	●
DTCC ENG 124: Oral Communications			●		
DTCC HLH 130: Nurse Assistant Training			●		
DTCC MAT 153: College Math & Statistics			●	●	
DTCC PSY 121: Psychology					●
DTCC SOC 111: Sociology	●		●		●
UD ANTH 101: Introduction to Cultural & Social Anthropology		●	●		
UD BISC 105: Human Heredity & Development		●	●		
UD BUAD 100: Introduction to Business		●			
UD ECON 100: Economic Issues & Policies			●		
UD ENGL 110: Critical Reading & Writing		●	●		
UD PHIL 100: Philosophies of Life		●	●		
WU BBM 102: Introduction to Business	●				
WU CTA 210: Computer Science	●				
WU ENG 121: English Composition I	●				
WU ENG 122: English Composition II	●				
WU FYE 101: First Year Experience	●				
WU HIS 204: World History	●				
WU SCI 304: Astronomy	●				



EARLY COLLEGE ACADEMY

at Alexis I. du Pont High School

WHAT IS THE EARLY COLLEGE ACADEMY?

The Early College Academy at Alexis I. du Pont High School (AIHS) offers incoming ninth-graders an opportunity to simultaneously earn high school credit and college credit through Wilmington University.

In grades 9 through 11, students take Wilmington University courses led by AIHS faculty, and in grade 12, students take select courses on Wilmington University's campus. Early College Academy students are offered the same opportunities as any AIHS student, including AP and elective courses, extra-curricular activities, sports and music programs.

The Early College Academy is a highly selective program in which students can earn up to 33 college credits—the equivalent of an entire freshman year of college. Wilmington University's certified corps of teachers helps to create college-level courses adjusted for high school students.

COURSES

Courses are selected for the Early College Academy based on high transferability and state and district requirements, with consideration also given to the range of courses a student would take during the first year of college.

APPLICATION

The Early College Academy has an application process that requires recommendations from teachers, a counselor and principal; a writing sample; and interviews.

To learn more about the Early College Academy, visit redclayschools.com/aihs.

3.0

CLUSTERS,
PATHWAYS &
PROGRAMS
OF STUDY

Discover Your Future with 40 Paths to Success

OFFERINGS AT A GLANCE

AGRICULTURE & NATURAL RESOURCES	
ANIMAL SCIENCE PATHWAY	● ●
BIOTECHNOLOGY PATHWAY	●
NATURAL RESOURCES & ENVIRONMENTAL SCIENCES PATHWAY	●
PLANT & HORTICULTURAL SCIENCES PATHWAY	●
ARCHITECTURE, CONSTRUCTION & MANUFACTURING	
DRAFTING & DESIGN PATHWAY	● ●
MANUFACTURING ENGINEERING TECHNOLOGY PATHWAY	●
PROCESSES OF DESIGN & ENGINEERING PATHWAY	●
RENOVATION & CONSTRUCTION PATHWAY	● ● ●
BUSINESS MANAGEMENT & ADMINISTRATION	
ADMINISTRATIVE SERVICES PATHWAY	●
MARKETING PATHWAY	● ●
NAF ACADEMY OF FINANCE PATHWAY	●
LANGUAGE, COMMUNICATION & MEDIA	
AUDIO, RADIO & VIDEO ENGINEERING PATHWAY	●
COMMUNICATIONS TECHNOLOGY PATHWAY	●
DIGITAL COMMUNICATION ARTS PATHWAY	● ●
JOURNALISM PATHWAY	●
WORLD LANGUAGE & INTERNATIONAL STUDIES PROGRAM OF STUDY	● ● ● ● ●
EDUCATION & HUMAN STUDIES	
EARLY CHILDHOOD EDUCATION PATHWAY	● ●
K-12 TEACHER ACADEMY PATHWAY	●

OFFERINGS AT A GLANCE

HEALTH SCIENCES	
BIOMEDICAL SCIENCES PATHWAY	●
NURSING PATHWAY	●
PHYSICAL THERAPY & SPORTS MEDICINE PATHWAY	●
HOSPITALITY & TOURISM	
CULINARY ARTS & HOSPITALITY MANAGEMENT PATHWAY	● ●
PERFORMING & DESIGN ARTS	
DANCE PATHWAY	●
GRAPHIC DESIGN PATHWAY	●
INSTRUMENTAL MUSIC PROGRAM OF STUDY	● ● ● ● ●
PIANO PATHWAY	●
STRINGS PATHWAY	●
TECHNICAL THEATER PATHWAY	●
THEATER ARTS PATHWAY	●
THEATER PROGRAM OF STUDY	●
VISUAL ARTS PROGRAM OF STUDY	● ● ● ●
VOCAL ARTS PROGRAM OF STUDY	● ● ● ●
VOCAL MUSIC PATHWAY	●
SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS	
AUTOMOTIVE TECHNOLOGY PATHWAY	●
COMPUTER SCIENCE PATHWAY	● ● ●
ADDITIONAL PATHWAYS & PROGRAMS OF STUDY	
AP CAPSTONE PROGRAM OF STUDY	●
AVID PATHWAY	● ● ●
EARLY COLLEGE ACADEMY PATHWAY	●
IB DIPLOMA PROGRAM PATHWAY	●
JOBS FOR DELAWARE GRADUATES PATHWAY	● ● ●

**AGRICULTURE &
NATURAL RESOURCES**



ANIMAL SCIENCE PATHWAY

FUTURE CAREERS

Animal Rescue, Animal Researcher, Breed Analyst, Farmer, Veterinarian, Wildlife Manager, Zoo Animal Specialist

REQUIREMENTS

Animal Science I (TMHS); Animal Science II (TMHS) or Vet Science I (CSS); Animal Science III (TMHS) or Vet Science II (CSS); Animal Science IV (TMHS) or Vet Science III (CSS)

Offered at CSS and TMHS



BIOTECHNOLOGY PATHWAY

FUTURE CAREERS

Microbiologist, Soil and Plant Scientist, Food Scientist, Environmental Scientist, Biopharmaceuticals, Bioinformatics and Genomics

REQUIREMENTS

Fundamentals of Biotechnology I; Biotechnology II; Biotechnology III; Biotechnology IV (Elective)

Offered at CSS



NATURAL RESOURCES & ENVIRONMENTAL SCIENCES PATHWAY

FUTURE CAREERS

Arborist, Environmental Lawyer, Field Assistant, Nature Conservation Officer, Restoration Specialist, Systems Ecologist, Water Quality Scientist, Wildlife Manager

REQUIREMENTS

Environmental Science / Natural Resources I; Environmental Science / Natural Resources II; AP Environmental Science

Offered at TMHS



PLANT & HORTICULTURAL SCIENCES PATHWAY

FUTURE CAREERS

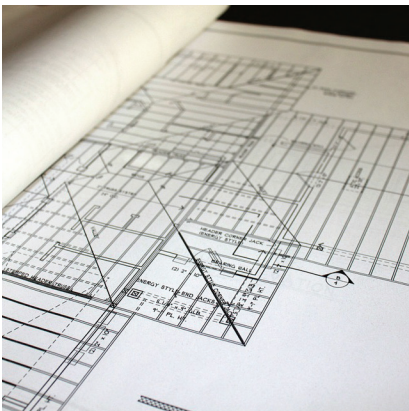
Botanical Garden Curator, Floral Sales Manager, Floral Shop Buyer, Food Crops Field Technician, Landscape Architect, Nursery Worker, Researcher, Sales Manager

REQUIREMENTS

Plant / Horticultural Science I; Greenhouse / Horticultural Science II; Greenhouse / Horticultural Science III

Offered at TMHS

ARCHITECTURE, CONSTRUCTION & MANUFACTURING



DRAFTING & DESIGN PATHWAY

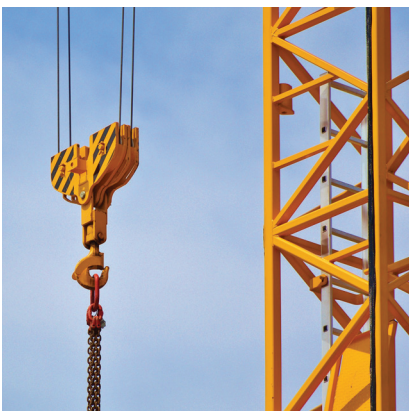
FUTURE CAREERS

Architect, Building Services Technician, Drafter, Drafting Engineer, Electrical Design Engineer, Interior Designer, Mechanical Designer, Residential Designer

REQUIREMENTS

Drafting & Design CAD I (AIHS) or Architectural CAD I (JDHS); Architectural CAD II; Architectural CAD III; Communication Technology Research & Development IV (AIHS)

Offered at AIHS and JDHS



MANUFACTURING ENGINEERING TECHNOLOGY PATHWAY

FUTURE CAREERS

Carpenter, Commercial Electrical Technician, Electrician, First-Line Supervisor of Mechanics, Industrial Materials Scientist, Mechanical Engineer, Military Technologist, Project Manager

REQUIREMENTS

Foundations of Technology; Advanced Design Applications; Process of Design & Engineering III; Physical Technology Research / Development

Offered at TMHS

**ARCHITECTURE, CONSTRUCTION
& MANUFACTURING**



PROCESSES OF DESIGN & ENGINEERING PATHWAY

FUTURE CAREERS

Civil Engineer, Manufacturing Engineer, Mechanical Engineer, Process Engineer Assistant, Quality Control Technician

REQUIREMENTS

Processes of Design & Engineering I; Processes of Design & Engineering II; Processes of Design & Engineering III

Offered at JDHS



RENOVATION & CONSTRUCTION PATHWAY

FUTURE CAREERS

Air Conditioning Equipment Mechanic, Building Construction Engineer, Civil Engineer, Construction Manager, Facility Operations Specialist, HVAC Technician, Independent Contractor, Industrial Materials Scientist, Maintenance Mechanic, Mechanical Engineer

REQUIREMENTS

General Construction & Renovation; HVAC

Offered at AIHS, JDHS and TMHS

BUSINESS MANAGEMENT & ADMINISTRATION



ADMINISTRATIVE SERVICES PATHWAY

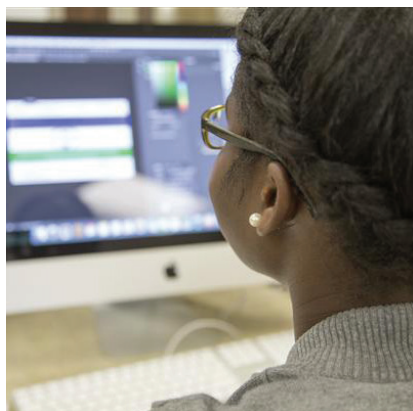
FUTURE CAREERS

Administrative Assistant, Executive Assistant, Human Resources Director, Marketing Manager, Office Administrator, Office Clerk, Office Manager, Operations Officer

REQUIREMENTS

Business, Finance & Marketing Essentials I; Administrative Services II; Administrative Services III; Administrative Services IV

Offered at AIHS



MARKETING PATHWAY

FUTURE CAREERS

Business Intelligence Analyst, Creative Director, Graphic Designer, Marketing Manager, Marketing Researcher, Product Planning Specialist, Public Relations Specialist

REQUIREMENTS

Business, Finance & Marketing Essentials I; Marketing Communications II (TMHS) or Marketing Management II (AIHS); Marketing Communications III (TMHS) or Marketing Management III (AIHS); Marketing Communications IV (TMHS)

Offered at AIHS and TMHS



NAF ACADEMY OF FINANCE PATHWAY

FUTURE CAREERS

Accountant, Budget Analyst, Certified Public Accountant, Financial Analyst, Loan Officer, Payroll Technician, Personal Finance Advisor, Tax Preparer

REQUIREMENTS

Fundamentals of Finance; Principles of Accounting; Financial Services

Offered at AIHS

**LANGUAGE,
COMMUNICATION & MEDIA**



AUDIO, RADIO & VIDEO ENGINEERING PATHWAY

FUTURE CAREERS

Advertising Customer Service, Audio Animator, Camera Operations, Director, Production Assistant, Radio Board Operator, Radio Program Director, Sound Engineer

REQUIREMENTS

Audio, Radio & Video Engineering & Design I; Audio, Radio & Video Engineering & Design II; Audio, Radio & Video Engineering & Design III; Communication Technology Research & Development IV and Co-Op

Offered at TMHS



COMMUNICATIONS TECHNOLOGY PATHWAY

FUTURE CAREERS

Content Development and Marketing, Digital Strategist, Interactive Design and Production Specialist, Marketing Manager, Public Relations, User Experience Designer

REQUIREMENTS

Communications Technology I; Communications Technology II; Communications Technology III; Communications Technology IV

Offered at AIHS



DIGITAL COMMUNICATION ARTS PATHWAY

FUTURE CAREERS

Communications Specialist, Digital Strategist, Graphic Designer, Interactive Design and Production Specialist, Visual Designer, Web Designer

REQUIREMENTS

Digital Media & Imaging I; Digital Media & Imaging II; Digital Media & Imaging III; Digital Media & Imaging IV or Arts Elective (CCSA)

Offered at CCSA and JDHS

**LANGUAGE,
COMMUNICATION & MEDIA**



JOURNALISM PATHWAY

FUTURE CAREERS

Broadcast Journalist, Communications Director, Foreign Correspondent, Freelance Writer, Investigative Journalist, Reporter, Photojournalist, Social Media Manager

REQUIREMENTS

Journalism I; Journalism II; Journalism Elective

Offered at AIHS



WORLD LANGUAGE & INTERNATIONAL STUDIES PROGRAM OF STUDY

FUTURE CAREERS

Customs Compliance Specialist, English as a Foreign Language Instructor, Foreign News Correspondent, Foreign Service, International Economist, International Marketing Manager, Interpreter / Translator, Management Analyst

REQUIREMENTS

World Language Level III; World Language Level IV; World Language Pre-AP or AP

Offered at AIHS, CCSA, CSS, JDHS and TMHS

**EDUCATION &
HUMAN STUDIES**



EARLY CHILDHOOD EDUCATION PATHWAY

FUTURE CAREERS

Child Care Administrator, Director of Educational Programs, Early Child Care Worker, Early Childhood Researcher or Analyst, Early Childhood Teacher, Early Intervention Specialist, Paraprofessional, Teacher's Assistant

REQUIREMENTS

Human Development; Child Development (AIHS) or Early Childhood Education II (TMHS); Exploring Early Childhood (AIHS) or Early Childhood Education III (TMHS); Early Childhood Education IV (TMHS)

Offered at AIHS and TMHS



K-12 TEACHER ACADEMY PATHWAY

FUTURE CAREERS

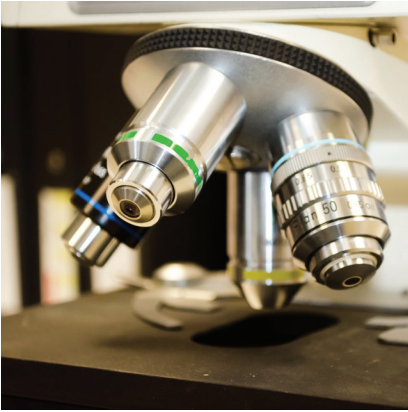
Educational Administrator, Educational Specialist, Elementary or Secondary Teacher, Paraprofessional, School-Age Child Care Coordinator, Special Education Teacher, Summer School Aide

REQUIREMENTS

Human Growth & Development; Teaching as a Profession; Foundations of Curriculum & Instruction; Classroom Observations or Co-Op

Offered at TMHS

**HEALTH
SCIENCES**



BIOMEDICAL SCIENCES PATHWAY

FUTURE CAREERS

Biochemist, Biophysicist, Environmental Protection, Life, Physical and Social Science Technician, Medical Technician

REQUIREMENTS

Biomedical I: Principles of the Biomedical Sciences; Biomedical II: Human Body Systems; Biomedical III: Medical Interventions

Offered at CSS



NURSING PATHWAY

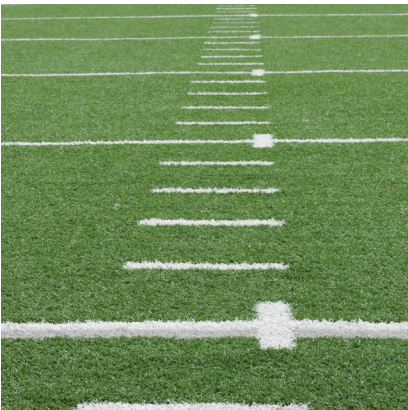
FUTURE CAREERS

Dental Hygienist, Diagnostic Medical Sonographer, Nurse Assistant, Radiologic Technologist, Respiratory Therapist, Registered Nurse, Surgical Technologist

REQUIREMENTS

Nursing Technology Level I: Fundamentals of Health Sciences (FHS);
Nursing Technology Level II: Essentials of Anatomy & Physiology (EAP);
Nursing Technology Level III: Certified Nurse Assisting (CNA) (2 Credits)

Offered at CSS



PHYSICAL THERAPY & SPORTS MEDICINE PATHWAY

FUTURE CAREERS

Athletic Trainer, Exercise Physiologist, Fitness Instructor, Occupational Therapist, Personal Trainer, Physical Therapist, Physical Therapy Assistant

REQUIREMENTS

Physical Therapy & Athletic Health Care I (2 Credits); Physical Therapy & Athletic Health Care II (2 Credits); Physical Therapy & Athletic Health Care III (2 Credits)

Offered at CSS

**HOSPITALITY &
TOURISM**



CULINARY ARTS & HOSPITALITY MANAGEMENT PATHWAY

FUTURE CAREERS

Dietitian, Executive Chef, Food Service Sales Manager, Kitchen Manager, Line Cook, Nutritionist, Restaurant Manager or Owner, Sous Chef

REQUIREMENTS

Food Preparation & Production I; Advanced Food Preparation & Production (AIHS) or Food Preparation & Production II (TMHS); Culinary Professional (AIHS) or Food Preparation & Production III (TMHS); Food Preparation & Production IV (TMHS)

Offered at AIHS and TMHS

**PERFORMING &
DESIGN ARTS**



DANCE PATHWAY

FUTURE CAREERS

Arts Administrator, Choreographer, Costume Designer, Dance Company or Theater Owner, Dance Medicine Specialist, Dance, Yoga or Pilates Instructor, Performer, Physical Therapist

REQUIREMENTS

Dance I; Dance II; Dance III; Arts Elective

Offered at CCSA



GRAPHIC DESIGN PATHWAY

FUTURE CAREERS

Advertising / Marketing Director, Design Studio Owner, Digital Designer, Graphic Designer, Illustrator, Package Designer, Print Designer

REQUIREMENTS

Graphic Arts & Production I; Graphic Arts & Production II; Graphic Arts & Production III

Offered at JDHS



INSTRUMENTAL MUSIC PROGRAM OF STUDY

FUTURE CAREERS

Band Director, Composer, Conductor, DJ, Performer, Music Teacher, Music Therapist, Songwriter, Sound Designer

REQUIREMENTS

3 Instrumental Music Electives

Offered at AIHS, CCSA, CSS, JDHS and TMHS

**PERFORMING &
DESIGN ARTS**



PIANO PATHWAY

FUTURE CAREERS

Band Director, Collaborative Pianist, Composer, Music Teacher, Operatic Accompanist, Professional Chamber Musician, Solo Pianist, University Professor

REQUIREMENTS

Piano I; Piano II; Piano III; Piano IV

Offered at CCSA



STRINGS PATHWAY

FUTURE CAREERS

Band Leader, Clinician, Composer, Music Director, Music Teacher, Professional Musician, Session Player, Studio Owner, Touring Musician

REQUIREMENTS

Strings I Strings II; Strings III; Strings IV

Offered at CCSA



TECHNICAL THEATER PATHWAY

FUTURE CAREERS

Costume Designer, Choreographer, Director, Lighting Designer, Scriptwriter, Set Designer, Stage Manager, Stage Technician

REQUIREMENTS

Technical Theater I; Technical Theater II; Technical Theater III; Arts Elective

Offered at CCSA

**PERFORMING &
DESIGN ARTS**



THEATER ARTS PATHWAY

FUTURE CAREERS

Actor, Community Arts Worker, Dancer, Drama Therapist, Music Therapist, Playwright, Stage Manager, Theater Director

REQUIREMENTS

Introduction to Acting; 2 Theater Electives; Arts Elective

Offered at CCSA



THEATER PROGRAM OF STUDY

FUTURE CAREERS

Actor, Community Arts Worker, Dancer, Drama Therapist, Music Therapist, Playwright, Stage Manager, Theater Director

REQUIREMENTS

Introduction to Drama; Drama II; Drama III; Advanced Acting

Offered at AIHS



VISUAL ARTS PROGRAM OF STUDY

FUTURE CAREERS

Art Historian, Art Teacher, Exhibition Designer, Fine Artist, Illustrator, Lecturer, Museum / Gallery Curator, Printmaker

REQUIREMENTS

Visual Arts Foundation I; Visual Arts Foundation II; Visual Arts Elective; AP Studio Art (CCSA)

Offered at AIHS, CCSA, JDHS and TMHS

**PERFORMING &
DESIGN ARTS**



VOCAL ARTS PROGRAM OF STUDY

FUTURE CAREERS

Choral Director, Music Therapist, Performer, Recording Artist, Singer-Songwriter, Vocal Coach, Vocalist, Voiceover Artist

REQUIREMENTS

3 Vocal Electives; Recommended: Fourth Vocal Elective

Offered at AIHS, CSS, JDHS and TMHS



VOCAL MUSIC PATHWAY

FUTURE CAREERS

Choral Director, Music Therapist, Performer, Recording Artist, Singer-Songwriter, Vocal Coach, Vocalist, Voiceover Artist

REQUIREMENTS

Vocal Music I; Vocal Music II; Vocal Music III; Vocal Music IV

Offered at CCSA

**SCIENCE, TECHNOLOGY,
ENGINEERING & MATHEMATICS**



AUTOMOTIVE TECHNOLOGY PATHWAY

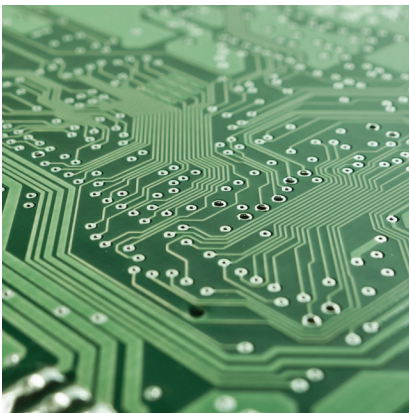
FUTURE CAREERS

Automotive Counterperson, Maintenance Technician, Service Manager, Service Writer, Shop Owner, Tire Installer, Vehicle Designer, Warranty Clerk

REQUIREMENTS

Automotive Mechanical Technology I; Automotive Mechanical Technology II; Automotive Mechanical Technology III

Offered at JDHS and TMHS



COMPUTER SCIENCE PATHWAY

FUTURE CAREERS

Applications Analyst, Business Analyst, Computer Engineer, Data Modeler, Information Technology Manager, Software Applications Architect, Software Engineer

REQUIREMENTS

Introduction to Computer Programming (JDHS); Computer Science Principles (CSS) or Exploring Computer Science (AIHS); AP Computer Science A; AP Computer Science Principles

Offered at AIHS, CSS and JDHS

**ADDITIONAL PATHWAYS &
PROGRAMS OF STUDY**



AP CAPSTONE PROGRAM OF STUDY

ABOUT

The AP Capstone program provides unique research opportunities for current AP students, and expands access to AP by encouraging students to master the argument-based writing skills that the AP Capstone program develops. Students in this program may earn the AP Capstone Diploma by scoring 3 or higher on five additional AP tests (including AP Research).

REQUIREMENTS

AP Seminar; AP Research; 3 AP Electives

Offered at CSS



AVID PATHWAY

ABOUT

Short for Advancement via Individual Determination, the AVID pathway is designed to encourage and support students on their quest to thrive in rigorous high school course work as they prepare for college. AVID focuses on students in the academic middle who have the desire to go to college and the willingness to work hard. Students learn organizational and study skills. AVID seniors at Thomas McKean High School earned over \$1 million in scholarships last year.

REQUIREMENTS

3 AVID Electives; Recommended: Fourth AVID Elective*

*Students must also complete an AP or dual enrollment course in grade 11 or 12.

Offered at AIHS, JDHS and TMHS

ADDITIONAL PATHWAYS & PROGRAMS OF STUDY



EARLY COLLEGE ACADEMY PATHWAY

ABOUT

The Early College Academy is a highly selective program in which students can earn up to 33 college credits—the equivalent of an entire freshman year of college. This program is offered through Wilmington University.

REQUIREMENTS

In grades 9 through 11, students take Wilmington University courses led by AIHS faculty, and in grade 12, students take select courses on Wilmington University's campus. Early College Academy students are offered the same opportunities as any AIHS student, including AP and elective courses, extra-curricular activities, sports and music programs.

Offered at AIHS



IB DIPLOMA PROGRAM PATHWAY

ABOUT

The International Baccalaureate Diploma Program is comprised of the Diploma Program core and six subject groups. The core aims to broaden students' educational experience and challenge them to apply their knowledge and skills.

REQUIREMENTS

Diploma candidates must take six courses, with the Higher Level courses taken over a period of two years. The examination consists of two parts: internal assessments are developed and graded by teachers according to specifications established by International Baccalaureate Curriculum and Assessment Center (IBCA), and external exams administered through the IBCA. These assessments may consist of essays, oral presentations, laboratory notebooks and standard tests.

Offered at JDHS

**ADDITIONAL PATHWAYS &
PROGRAMS OF STUDY**



JOBS FOR DELAWARE GRADUATES PATHWAY

ABOUT

Replicated in 32 states with over 1,000 program affiliates, the Jobs for Delaware Graduates model is dedicated to helping young people stay in school through graduation, pursue post-secondary education, and secure quality jobs leading to career advancement opportunities. Jobs for Delaware Graduates is designed to help students in setting and achieving goals in their personal, academic and professional lives.

In addition to regular classroom experiences, JDG participants belong to a student organization called the Delaware Career Association, which teaches leadership skills, civic responsibility, and social and career development. Local and statewide competitions help students to sharpen their skills, with the top finishers recognized at an annual awards luncheon each spring.

REQUIREMENTS

Jobs for Delaware Graduates 9; Jobs for Delaware Graduates 10;
Jobs for Delaware Graduates 11; Jobs for Delaware Graduates 12

Offered at AIHS, JDHS and TMHS

NOTES

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