

TEMPORARY REGIONALIZATION SCHOOL STUDY COMMITTEE

ANSONIA & DERBY PUBLIC SCHOOLS

Potential High School Program of Study for Regional School District

A detailed educational plan is a critical component of the regionalization plan submitted to the state of Connecticut. This plan should include an idea of what courses will be offered to students in a future regional district. In partnership with District Management Group (DMGroup), the Temporary Regionalization School Study Committee (TRSSC) in Ansonia and Derby is tasked with developing this educational plan.

DMGroup and the TRSSC hope to build a plan around the philosophy and direction of Ansonia and Derby Public Schools. This program of study was developed through data collected from Ansonia and Derby Public Schools, along with conversations with the superintendents and other academic leaders in both districts.

As long as the average class size across Ansonia and Derby High Schools remains stable there is no additional staffing required to implement this program of study and no savings in the form of staff for the regional school district. Larger high schools allow a school to be closer to their target class size, which allows the school to expand its offerings. Finally, thoughtful scheduling may be required to maintain current classes while also expanding offerings.

Examples of thoughtful scheduling that can allow the district to offer more courses without adding staff include:

- Offering courses with lower student interest every other semester or year
- Combining similar courses with low enrollment
 - For example, combining Ceramics I and II. This would not include combining core courses like English I and English II together

Throughout this document, courses in black are not new to either district, courses in **red are new to Derby students**, courses in **blue are new to Ansonia students**, and courses in **green are new to both districts**.

*Please note that while this document outlines an ideal program of study and educational plan, a lot can change between now and the implementation of a plan. Changes and adjustments can and should be made over time. **No information in this document is binding to any future school or district.***

Philosophy and vision for the new regional high school:

The vision of Ansonia, Derby, or a Regional High school over the next three to five year is to provide students with educational and/or real life experiences that enable them to be ready for postsecondary education and careers and to be competitive in the global marketplace. This includes teaching students to be effective communicators and creative and resourceful problem solvers. Students who graduate from high school in Ansonia or Derby should compete for any postsecondary spot they desire.

To achieve this vision, leaders in both districts expressed a desire for expanded access to AP, Dual Credit, and CTE experiences and course offerings, including increasing the partnerships with local universities to allow students to get college credits and accreditations before graduating high school.

The below document outlines the ideal program of study, by department, for a future regional high school, organized by the below departments:

- English Language Arts
- Mathematics
- Science
- Social Studies
- World Languages
- Art & Music
- Physical Education & Health
- Technical Education
- Accreditation / Certification Programs

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English Language Arts:

College Prep Courses:

- English I
- English II
- English III
- English IV Literature and Composition
- Creative Writing
- Public Speaking
- Contemporary Literature
- Developmental Reading & Writing
- Graphic Novel
- Foundations in Research and Writing
- Journalism I
- Journalism II
- Journalism III
- Journalism IV
- Popular Literature
- Practical Literacy
- Senior Composition
- Shakespeare on Stage and Screen
- Senior Composition
- Multicultural Literature
- Sports and Literature
- Critical Literacy (non-fiction reading and deciphering critical sources)
- Public Speaking

Honors Courses:

- English I H
- English II H
- English III H
- English IV H

AP & Dual Credit Courses:

- AP English Literature and Composition
- AP English Language and Composition
- Multicultural Literature
- Intro to College Writing
- Dual Credit combination courses with Honors English

Mathematics:

College Prep Courses:

- Algebra I
- Algebra II
- Applied Algebra & Geometry
- Trigonometry
- General Applied Math
- Geometry
- Introduction to Computer Science
- Pre-Calculus
- Statistics
- Integrated Math
- SAT Prep Math
- Micro & Macro economics
- Accounting and Personal Finance
- Data-based Math
- Math Based Computerized Classes

Honors Courses:

- Algebra I H
- Algebra II H
- Geometry H
- Pre-Calculus H

AP & Dual Credit Courses:

- AP Calculus
- AP Computer Science
- AP Statistics
- University Math Courses (e.g. UCONN courses)
- HCC Math 131/151: Dual Credit Algebra
- Manufacturing Math Course (Advanced Manufacturing Program)

Science:

College Prep Courses:

- Astronomy
- Biology
- Chemistry
- **Conceptual Chemistry**
- Introduction to Forensic Science / Forensics
- Environmental Science
- **Integrated Earth and Physical Science**
- **Physics**
- **General Science**
- **Integrated Science: Bio-Life Systems**
- **Integrated Science: Earth-Space Systems**
- **Microbiology**
- Marine Biology

Honors Courses:

- Anatomy & Physiology H
- Biology H
- Chemistry H
- **Integrated Earth & Physical Science H**
- Physics H

AP & Dual Enrollment Courses:

- **AP Biology**
- **AP Chemistry**
- **AP Environmental Science**
- **AP Physics**
- **ECE introduction to Oceanography**

Social Studies:

College Prep Courses:

- Civics I
- **Civics II Economics**
- **Current American History**
- Global History I
- **Global History II**
- Holocaust and Genocide Studies
- Humanities – American Literature/ History
- Modern Military History
- Modern World History
- Psychology
- Sports and Society
- Current Social Issues
- **Economics**
- **Law-History**
- **Criminal/Juvenile Justice**
- Sociology I
- **Sociology II**
- United States History
- **Interdisciplinary World Culture**
- **World Cultures Foundations**
- **World Cultures International**
- **US Political**
- EUS
- **African American Studies**
- **Latino and Spanish History Studies**

Honors Courses:

- Civics H
- EUS H
- Modern World History H
- US History H

AP & Dual Credit Courses:

- AP Psychology
- AP/ECE US History
- AP Government & Politics
- **ECE Modern Western Traditions**
- UCONN ECE History 1300

World Languages

Languages Offered (Levels I-IV):

- **Mandarin**
- Spanish
- Italian

Additional Courses Available:

- **Rosetta Stone online courses for other languages (e.g. Sign Language, Arabic, French, etc.)**

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Art & Music

Note. The courses offered for art and music would be dependent on student interest.

College Prep Courses:

- Art I / Introduction to Art
- Art II
- Interdisciplinary Art
- Desktop Publications / Yearbook
- Digital Photography
- Drawing & Painting
- Graphic Design
- Sculpture I
- Sculpture II
- Ceramics I
- Ceramics II
- Chorus I
- Chorus II
- Chorus III
- Chorus IV
- Concert Choir
- Band
- Music Appreciation
- Instrumental Music I
- Instrumental Music II
- Introduction to Classical Piano I
- Introduction to Classical Piano II
- Music Technology I
- Digital Music

Advanced Courses:

- Advanced Digital Photography
- Advanced Art I
- Advanced Art II
- Band H
- Concert Choir H
- ECE Art III
- Advanced Painting and Printmaking
- Dual Credit Art History

Physical Education & Health

College Prep Courses:

- Physical Education
- Personal Health & Safety
- **Family Life**
- **Personal Fitness & Weight Training I**
- **Personal Fitness & Weight Training II**
- **Physical Education for Lifetime**
- **Mindfulness & Yoga**
- **Adaptive PE**
- **Unified Sports**

Advanced Courses:

- **Advanced Personal Fitness**

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Technical Education

College Prep Courses:

- Business Editing and Publishing I
- Business Editing and Publishing II
- The Business of Sports and Entertainment
- Computer Applications I
- Computer Applications II
- Consumer Economics
- Entrepreneurship
- Foods I
- Foods II
- Intro to Professional Cooking
- Graphic Arts Production: Digital Dark Room
- Accounting I
- Accounting II
- Building Construction I
- Building Construction II
- Financial Literacy: Banking & Budgeting
- Financial Literacy: Credit & Insurance
- Cooperative Work Experience
- Personal Finance I
- Personal Finance II
- Engineering/Architectural Drafting I
- Engineering/Architectural Drafting II
- Enterprise Production
- Introduction to Engineering Design
- Principals of Engineering
- Aerospace Engineering
- Digital Electronics
- Engineering Design and Development
- Blueprint Reading I
- Wood Technology I
- Wood Technology II
- Technology Education I
- Technology Education II
- Technology Education III: Construction

Advanced, Honors, & HCC Courses:

- HCC CCP Accounting I
- HCC Marketing
- UB Advanced Computer Concepts
- UB Foundations of Business
- Introduction to Computing H
- Benchwork MFG 166
- Blueprint Reading I MFG 124
- Introduction to Machine Technology MFG 150
- Metrology MFG 120

- Solidworks MFG 110

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Certificate Programs

Expanded certificate programs are a critical part of the future regional high school, as they offer career opportunities for students. Programs to be added will be evaluated based on two criteria:

1. **Employable:** *Does this certification program offer an employable skill that produces a livable wage?*
2. **Growth:** *Does this certification program provide opportunities for growth towards an associates or bachelors degree?*

Below are the potential certificate programs that may be offered at the future regional high school.

- [Advanced Manufacturing](#)
- Patient Care Technician (Allied Health & Griffin Hospital Partnerships)
- [Cyber Security](#)
- [Future Teachers of America](#)
- [Junior ROTC](#)
- [Culinary Arts](#)