

Daniel Hand High School

2022 - 2023 Program of Studies

Overview of Changes

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Core Values & Beliefs Statement

Our primary purpose is to graduate enthusiastic life-long learners who are responsible citizens in local, national, and global communities. Daniel Hand High School students, in collaboration with educators, parents/guardians, and the community, will develop as motivated, self-reliant, creative, and ethical individuals who respect differences in others.



Core Values & Beliefs Statement

The Daniel Hand High School community will provide a safe, supportive, and respectful environment for students as they are given the opportunity to think critically, problem solve creatively, and communicate effectively. We strive to create an inclusive community that affirms the diverse contributions, strengths, and talents of all its members. Our students will act with tolerance, respect, courtesy, and empathy, and will take responsibility for their words and actions. We bear a responsibility to ourselves and to the school community to develop in all students the skills and the desire necessary to become contributing members of a just society. We will achieve this goal by helping students to blend their curiosity, effort, and integrity with creativity, collaboration, and compassion.



Core Values & Beliefs Statement

We are committed to the following:

- All students will meet or exceed standards in all programs.
- All school community members will value the teaching and learning process.
- The school will provide appropriate and adequate support and services for student learning.
- All staff and students will operate in a safe and secure school facility.
- All staff and students will respond with reflection and resilience to their successes and failures.
- School facilities and instructional resources will support learning and enhance educational experiences for all students.
- All staff and students will be supported in learning environments that foster a climate of safety and respect.
- All staff and students will be encouraged to participate in activities that foster lifelong health and wellness.
- All students and staff will benefit from collaboration and partnership with civic, business, higher education, and other community groups and resources.



Art Department Update

New Humanities Course Designation

Printmaking



CTE Department Update

Updated Course Descriptions

Boat Building and Navigation

Career Exploration

Foundations of Engineering

Interior Design

Personal Finance



English Department Update

New NCAA Course Designation

AP English (Literature & Composition)



Mathematics Department Update

Prerequisite Updates

Any previously written Pre-Algebra A and Pre-Algebra B prerequisites have been rewritten as a Pre-Algebra prerequisite due to no longer offering the A & B options in 8th grade.



Social Studies Department Update

New Course Levels

African American/Black and Puerto Rican/Hispanic Studies:
Change from Level 2 to Level 1

Expanded offering from grade 11 to grades 10-12

Economics: Change from Level 2 to Level 1

World Traveler: Change from Level 1 to Level 2



THANK YOU!

*The following slides contain the new
Course Description details.*



Boat Building and Navigation

Boat Building and Navigation explores all stages of boat building from layout and lofting to hull assembly and finishing techniques. Students in this course have an opportunity to construct their own boat with available plans ranging from small plywood canoes to a 14' skiff. Light design sketching, modeling, and full scale boat construction will be part of this “hands-on” course. Many forms of boating and navigation will also be explored including boating basics, knot tying, legal requirements, water sports, safety, and GPS (Global Positioning Systems). Students who successfully complete the course and pass the CT Safe Boating Exam will have the opportunity to receive the State of Connecticut Safe Boating Certificate. This certificate is mandatory for all persons wishing to operate a vessel upon state waters.

Career Exploration

Students will have the opportunity to explore a range of education careers within Madison Public Schools that facilitate development of the whole child, including: Teacher (elementary and secondary), Special Services (e.g., speech pathologist, occupational therapist), Social Worker, School Psychologist, School Counselor and School Nurse. This exploration will be grounded in understanding of what they do, qualifications and training necessary, school community and vision of the program, and earning income potential. Every student is expected to do a job shadowing experience ideally based on the area of interest.

Foundations of Engineering

Foundations of Engineering is an introductory course designed to introduce students to the fundamentals of Engineering. This hands-on, project-based course emphasizes the engineering design process, and the skills and habits of mind that engineers find most essential in their work. A key approach will be the employment of an iterative design and development process to solve a variety of different challenges and/or problems. Group and individual lessons will engage students in creating ideas, developing innovations, conducting experiments, gathering and analyzing data, and constructing practical solutions in solving problems. An understanding of the engineering design process will prepare students for other courses within the Engineering & Technology career pathway.

Interior Design

This course provides a foundation for students who are interested in pursuing a possible career in architecture, interior design or art. Students will be able to identify various housing, furniture, and window styles. They will learn how to draw floor plans using traditional architectural tools and symbols. Using the principles of design, color, furnishings, fabric, and fixtures, students will design a variety of interior spaces on design boards and in 3D CAD software.

Personal Finance

This course will prepare students to take an active role in their future finances. Students will learn to become financially responsible and learn that financial success is not about how much money you make, but about how much money you can save. Units of study will include financial planning, budgeting, paying taxes, understanding banking, managing credit, and identity theft protection. Students will also become familiar with stock market concepts and terminology by participating in an online stock simulation competition.

Personal Finance projects will be scored Pass/Fail using corresponding rubrics. All components of the project must meet passing requirements, but multiple attempts may be made as needed. Similar to Independent Project, a Mastery Based Diploma assessment is increasingly popular nation-wide; consequently, colleges and universities are accustomed to seeing Pass/Fail grades for similar courses.

Note: Credit in this course will count toward the Mastery Based Diploma Assessment and does not count towards CTE credit requirements.