

# Daniel Hand High School

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2024 - 2025 Program of Studies

# School Profile

- ❖ Improved format and added to the DHHS Counseling Website

<https://www.madison.k12.ct.us/daniel-hand-high-school/guidance>



# Overview of Changes

- ❖ Department Specific Updates
  - CTE Department
  - Mathematics Department
  - P.E. and Health & Wellness Department
  - Science Department
  - World Language Department

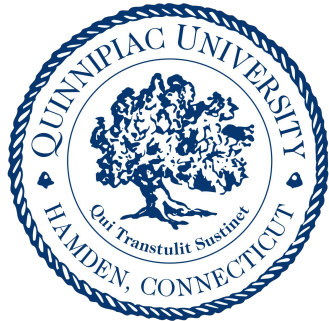


# CTE Department Update

## Partnership with Quinnipiac University

Students can earn credit for Single Camera Production  
(FTM 110 - 3 credits)

Credit is articulated through QU upon successful completion of both Introduction to T.V. Production and T.V. Production in the same school year.



# CTE Department Update

## Computer Aided Manufacturing - Prerequisite Change

Successful completion of Technical Drawing &  
Specifications **or Foundations of Engineering**



# CTE Department Update

Removal of Course Offering  
“Little Hand” Nursery School



# Mathematics Department Update

## Removal of Course Offerings

Integrated Algebra & Geometry (Level 3)

Algebra I (Level 3)



# Mathematics Department Update

## Geometry (Level 2) - Prerequisite Change

8th Grade Algebra I with a minimum of B- or Algebra I  
Level 2 with a minimum grade of **C+**.





# Mathematics Department Update

## UCONN ECE Discrete Math - Level and Prerequisite Change

Level 3 → Level 2

Prerequisite: Successful completion of  
Algebra II Level 2.



# P.E. and Health & Wellness Department Update

## Removal of Course Offerings

P.E. & Health 10

P.E. 11



# P.E. and Health & Wellness Department Update

## NEW! Course Offerings

Leisure PE

Outdoor Adventure

Net Games

Lifetime Pursuits



# P.E. and Health & Wellness Department Update

## 2024 - 2025 Course Offerings

Grade	P.E. Course Options	Health & Wellness Course Options
9	<b><u>Choose 1</u></b> Leisure PE Recreational Games	Health I
10 & 11	<b><u>Choose 1</u></b> Lifetime Pursuits Net Games Outdoor Adventure Personal Fitness	Health II

**Grade 12:** If your 1.0 P.E. credit has been satisfied, you may take one of the grade 10 & 11 P.E. course offerings as an elective.



# Science Department Update

## Additional Grade 10 Options

Biotechnology

Environmental Science



# World Language Department Update

## Revised Course Descriptions

French 3

Spanish 3

Spanish 5

Mandarin 1



# World Language Department Update

NEW! Course Offering

American Sign Language 2



# THANK YOU!

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





# NEW! American Sign Language 2

Themes from ASL 1 will be reviewed and developed further in order to help students achieve novice proficiency in American Sign Language. The course will expand upon student knowledge and allow them to express more about their lives and the world around them. They will be learning about their community using descriptions of their neighborhood, education, family and friends. Communication will become more conversational by using turn-taking skills and by the end of the course students will be able to tell brief stories (story-telling) about their lives using ASL. Study of Deaf Culture will continue, along with expanded finger-spelling, grammatical structures, and use of spatial verbs. As in ASL 1, it is important that the classroom be a “voices off” space to allow for engagement with this highly visual language. Class activities will include presentations (in class and on video), games, interpersonal conversation, and media.

# French 3

This course is designed for students who want to build upon skills acquired during the first two years of language study, so as to be able to understand and use intermediate level grammatical concepts and vocabulary. Students learn how to express themselves more confidently in the present, past, and future tenses while exploring the unit themes of “Health and Wellness”, “Francophone Influencers”, “Storytelling”, and “Refugees.” Students will build a larger bank of vocabulary and enhance their cultural competency by reading authentic articles and reading and writing, listening to and viewing varied audio and visual sources, writing responses based upon a variety of topics, and speaking in response to course-related themes and prompts. Each unit will culminate with the completion of an individual, paired, or group assessment through which students demonstrate and apply their understanding of newly-acquired skills. Active student participation in French is necessary to increase all language proficiency skills.

# NEW! Leisure PE

This course is designed for those students that would like to experience fitness pursuits with an emphasis on individual, small-group cooperative activities rather than competitive games. Students will be exposed to activities that are less traditionally associated with a general physical education class. Students will engage in physical activity through endeavors such as bowling, hiking, group fitness (circuit training, zumba, yoga, pilates), different types of dance (hip-hop, swing, international), golf, frisbee games, meditation and backyard games. Students will learn about how these activities support the health components of fitness while providing enjoyment. State fitness testing will take place during this course.

# NEW! Lifetime Pursuits

This course will emphasize the importance of lifelong health and wellness as students engage in competitive and cooperative individual or group activities. Students will learn to maintain a balance of physical, social, mental and emotional health. Participation in net games, Tai Chi, invasion games, mobility, pilates, weight training, dance, ropes course, backyard/leisure activities and general fitness will allow students to survey a wide-variety of fitness pursuits to hone their interests. Students will be asked to be open minded to new activities to help them discover interests that they enjoy and can pursue throughout their life to maintain a healthy, active lifestyle.

# Mandarin I

This course is an introductory Chinese language course for students who have little or no prior experience in the language. The goal is to develop students' listening, speaking, reading, and writing skills in the Chinese language, as well as gain understanding of Chinese culture.

Pinyin (phonetic symbols) will be used as a supplementary tool to learn the spoken language.

Additionally, students will be asked to recognize either simplified or traditional forms of characters from memory. By the end of the course, students will be able to use their language skills to talk about school life, day to day activities, celebrations, and traveling. Students will showcase their abilities through real-life scenarios such as creating a radical catalogue, speaking to a customs agent, or introducing oneself to a host family for preparing to present a family photo album on a trip to China. Computer-assisted technology and online course materials are an integral part of the instruction in this class. Students will acquire basic Chinese computing skills and be proficient with the use of Microsoft Chinese IME or other equivalent programs in order to produce typed characters in both traditional and simplified forms.

# NEW! Net Games

Students will participate in a variety of group and individual activities that utilize nets as targets, boundaries and goals, to develop an appreciation for an active lifestyle. Students will engage in moderate to vigorous physical activity in games such as tennis, pickleball, badminton, street hockey, volleyball, soccer, speedball, basketball, and tchoukball. This course will provide learning opportunities for social interaction, enabling students to develop collective intelligence, sportsmanship and social skills that will support them as they engage in lifelong fitness pursuits. Students will be encouraged to take healthy risks to step out of their comfort zone to promote social and emotional growth.

# NEW! Outdoor Adventure

This course focuses on learning and developing skills in various outdoor activities with an emphasis on social emotional wellness. While participating in this course, students will apply their skills and knowledge in various outdoor activities such as, hiking, backpacking, navigation, orienteering, as well as wilderness safety, education and preservation. During these experiences students will be making connections between enjoying nature and the physical, mental and emotional benefits that outdoor activities provide. The ultimate goal for this course is to open students' minds to the connections of social emotional wellness and nature while providing practical experiences to increase their knowledge and skills of outdoor activities. Students will leave this course with the knowledge, skills and confidence to pursue a life full of wellness through endless outdoor adventures.

# Personal Fitness

This course is designed to enhance physical performance and the likelihood of engaging in lifelong physical activity. Students will have exposure to the health and skill related components of fitness such as cardiorespiratory endurance, power, flexibility, muscular strength and balance. Emphasis will be placed on developing an appreciation for and deeper understanding of the goal setting process as it applies to lifelong fitness. Students will spend time engaging in exercises that improve the fundamental aspects of fitness through the following activities: High Intensity Interval Training (HIIT), high intensity cardio activities, foam rolling, body weight and free weight training, Tai Chi, yoga, mobility, resistance training with bands, circuit training, and cardio-based games. As part of the course, students will engage in goal setting and tracking their personal data and students will be expected to wear a heart rate monitor and analyze their data.



# Recreational Games

The goal of this course is to promote physical activity and healthy competition that can be enjoyed throughout a lifetime. Students will participate in a variety of group and individual recreational activities to develop an appreciation for an active lifestyle. Learning experiences will provide opportunities for social interaction, enabling students to develop collective intelligence and sportsmanship. Activities may include archery, badminton, pickleball, ultimate frisbee/football, flag football, international games, ropes course, team-building initiatives, and dodging and fleeing games. Students will be encouraged to take healthy risks to step out of their comfort zone to promote social and emotional growth. State fitness testing will take place during this course.

# Spanish 3

This course is designed for students who want to build upon novice skills acquired during the first two years of language study, so as to be able to understand and use intermediate level grammatical concepts and vocabulary. Students learn how to express themselves more confidently in the present, past, and future tenses while exploring the unit themes of “Hope for the Future”, “Protecting our Health”, “Hispanic Heroes”, and “Mysteries of the World.” Students will build a larger bank of vocabulary and enhance their cultural competency by reading authentic stories and legends, listening to and viewing varied audio and visual sources, writing responses based upon a variety of topics, and speaking in response to course-related themes and prompts. Each unit will culminate with the completion of either an individual or paired assessment, through which students will demonstrate and apply their understanding of skills acquired during each unit of study. Active student participation in Spanish is necessary to increase all language proficiency skills.

# Spanish 5

This course is designed to provide an in-depth study of all grammatical concepts, focusing on a challenging practice of the subjunctive mood. Students will continue to advance in their reading and listening comprehension of the target language, as well as their communication through speaking and writing. Students will tour Spain first as foodies, tasting authentic cuisine, and then continue to investigate what personally interests them as tourists as they plan a trip to another Spanish-speaking country. In the second half of the course, students will practice communicating as patients in real-life situations, and then research a career of their choosing. The course will conclude with tertulias, a communication-based unit in which students will speak about a variety of topics, which may include current events, film, daily conversation, and other issues relevant to students. Throughout the course the students' views on Spanish and Hispanic cultures will be broadened. Active student participation in Spanish is necessary to increase all language proficiency skills.