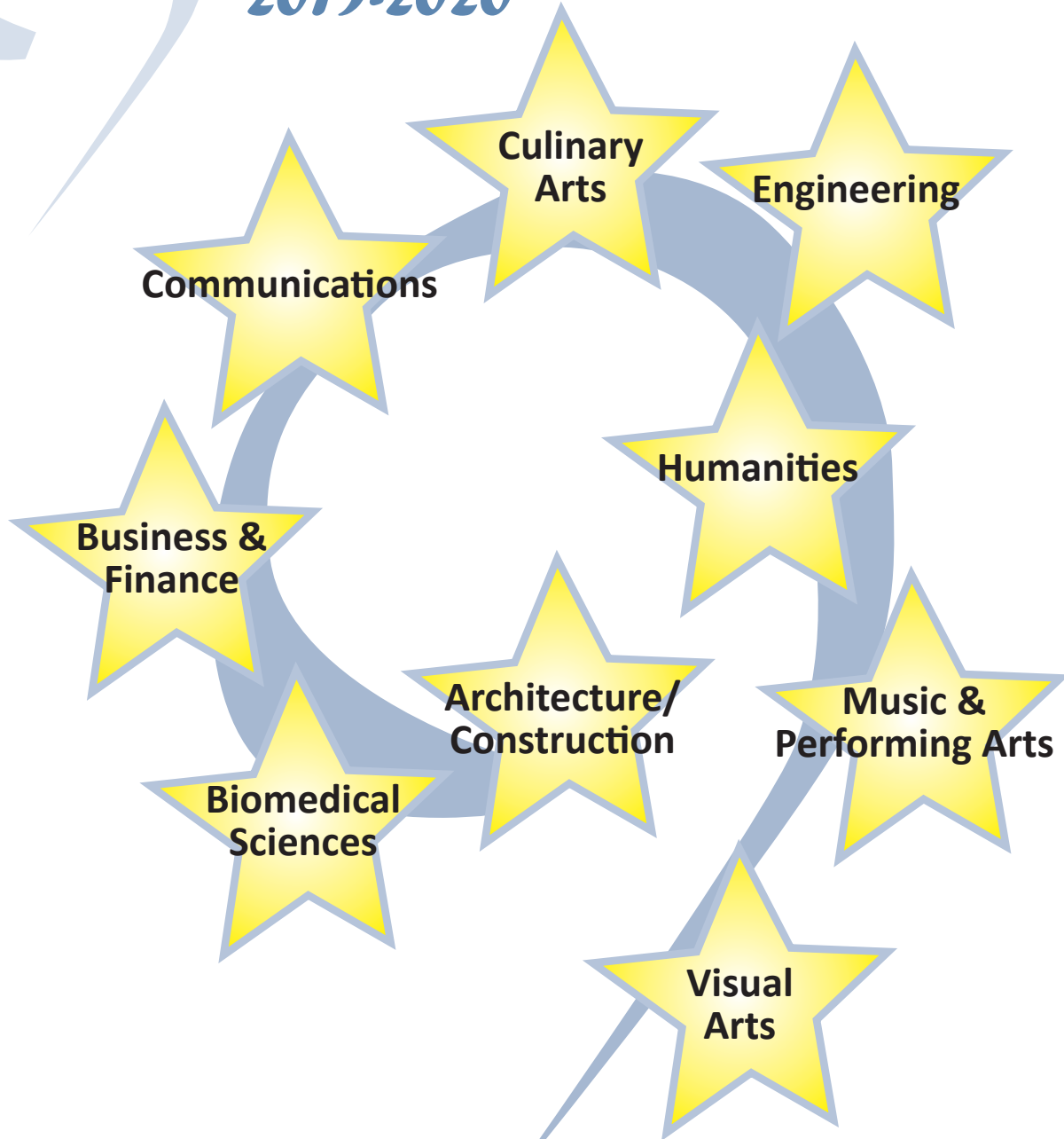


Student Learning Clusters

2019-2020



Simsbury High School

34 Farms Village Road, Simsbury, CT 06070
Telephone: (860) 658-0451 | Fax: (860) 658-2439
www.simsbury.k12.ct.us

Dear SHS Students, Parents, and Guardians:

Simsbury High School is one of the best secondary schools in the state of Connecticut. We can say this based on the quality of our faculty; the success of our students; and the depth of our academic, athletic, and extra-curricular offerings. We are proud to provide students with learning experiences that help them to develop the knowledge and 21st century skills necessary for success in college and beyond.

As you review our Program of Studies, you may notice that our elective courses occur in sequences. While our electives have value individually, they can also be taken sequentially to create a pathway to potential careers. In this booklet, we have organized our elective offerings into nine Student Learning Clusters:

- Architecture/Construction
- Biomedical Sciences
- Business and Finance
- Communications
- Culinary Arts
- Engineering
- Humanities
- Music and Performing Arts
- Visual Arts

Each cluster has extracurricular offerings, options for online or collegiate study, connections to the larger Simsbury community, and valuable personal contacts that enhance the experiences of our students.

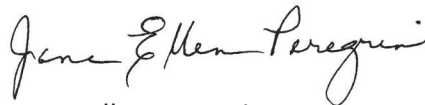
These cluster maps are intended to be used as tools to **start** a conversation about course planning and not as a prescriptive set of classes and activities that students would pursue rigidly. It is our belief that each student's path is unique and is best planned through ongoing discussion with parents, teachers, and counselors. In addition, we recognize that adolescence is a time when even the best plans change! We suggest that you use these sheets to help you develop a personalized plan that addresses your high school experience as well as your post-secondary aspirations.

As articulated in Simsbury High School's Core Values and Beliefs document, we pride ourselves on our ability to provide students with learning experiences that are based on "Preparation, Passion, and Personal Growth." We believe that our elective offerings play a big part in making that happen. Our enhanced and updated elective program is an incredibly exciting aspect of our school. We urge you to take full advantage of it! We invite you to review these Student Learning Clusters as part of your personalized course selection process.

Sincerely,



Andrew O'Brien
Principal



Jane Ellen Peregrin
Director of School Counseling

SHS Mission Statement: The mission of Simsbury High School is to help each student realize his/her potential by learning the knowledge, skills, and behaviors that promote both personal fulfillment and civic responsibility.



The **Architecture/Construction** cluster is recommended for any student interested in pursuing a career in architecture, engineering, manufacturing, or construction. By matriculating through this course sequence, students will acquire a spectrum of related skills from design fundamentals to actual implementation of their own plans/creations that will have them prepared for post-secondary study in these fields.

BOLD = Required courses

| Grade | English/ Language Arts | Math | Science | Social Studies | World Languages (Spanish, French, Chinese, Latin) | PE/Health |
|------------------------|------------------------------|-------------------------------|--|---|--|------------------------------|
| 7/8 | English 7 & 8 | Math 7/ PreAlg./ Alg. 1 | Science 7 & 8 | Social Studies 7 & 8 | Language 1 | PE/Health 7 & 8 |
| 9 | English 9 | Alg. 1/ Geometry | IPS | World Civ. 1 | Language 2 | PE 9 |
| 10 | English 10 | Geometry/ Alg. 2 | Biology/ AP | World Civ. 2/Civics | Language 3 | Grade 10 Wellness |
| 11 | English 11/ AP | Alg. 2/ PreCalc | Chem/AP or Science Elective | U.S. History/AP | Language 4 | Grade 11 Wellness |
| 12 | English 12/ AP | PreCalc/ AP Calc | Physics/AP or Science Elective | Soc. Studies Elective AP Research | Language 5/AP | |
| Post Sec- ondary | | | | | | |

**Recommended Elective Courses
in this Cluster**

| |
|---|
| Unified Arts Rotation in Technology Education |
| <ul style="list-style-type: none"> ● Architecture 1 ● Construction 1 |
| <ul style="list-style-type: none"> ● Architecture 2 ● Construction 2 |
| <ul style="list-style-type: none"> ● Architecture 3 ● Manufacturing Enterprise |
| <ul style="list-style-type: none"> ● Internship Program/Independent Study ● Manufacturing Enterprise Internship |

Other Suggested Classes

- Drawing
- Advanced Observational Drawing
- PLTW Engineering Courses
- Marketing

**Sample occupations
relating to this cluster:**

Architect, Civil Drafter,
Industrial Engineer,
Mechanical Engineer,
Landscape Architect,
Protection Engineer,
Surveyor, Private
Contractor

Collegiate major relating to this cluster: Architecture, Engineering (Mechanical, Civil, Architecture, Manufacturing), Technology Education, Construction, Drafting, Landscape Architecture, Manufacturing

Co-Curricular Activities

- FBIA
- Junior Civitan
- FIRST Robotics

Career Exploration/Internships

- Job Shadow
- Internships (available through Chamber of Commerce)
- Connecticut Innovation Academy
- Home Builders and Remodelers Association of Central Connecticut (HBRA)
- Connecticut Business and Industry Association (CBIA)

Further Opportunities for Study

- **Asnuntuck Community College:** Asnuntuck provides students the opportunity to participate in college programs in electronics, welding, and precision machining technology, all of which involve state of the art facilities, equipment, and instruction. See the school counselor for more information.
- **Continuing Education:** Multiple courses are offered through adult education. A continuing education catalog is available at www.simsbury.k12.ct.us by clicking on District/Continuing Education.

Community Connections

- Chamber of Commerce
- By Carrier Construction
- Guest Speakers

Faculty/Staff Contacts

Joncia Lytwynec, CTE Director; Wendy Ku, CTE Department Supervisor;
Kurt Dougan, Technology Education Department Coordinator
Teachers: Wendy Ku, Kurt Dougan, Dan Warner



SHS has partnered with **Project Lead the Way (PLTW)** to offer a four-year biomedical sciences elective cluster. Nearly 80 million Americans were born between 1946 and 1964; these “baby boomers” are now approaching age 65—and the impact of this change in U.S. demographics is expected to be tremendous. Our nation’s aging population, combined with longer life expectancies and rapidly advancing technology, has created a growing demand for highly skilled professionals in a broad spectrum of health care and science careers. PLTW Biomedical Sciences provides a rigorous, inquiry-based curriculum. The program’s combination of activity-based, project-based, and problem-based learning styles will engage students and better prepare them for the workplace or postsecondary education in the life and health sciences.

BOLD = Required courses

*These courses are **STRONGLY** recommended for students participating in this learning cluster.

| Grade | English/ Language Arts | Math | Science | Social Studies | World Languages <small>(Spanish, French, Chinese, Latin)</small> | PE/Health |
|------------------------|------------------------------|-------------------------------|--|---|--|------------------------------|
| 7/8 | English 7 & 8 | Math 7/ PreAlg./ Alg. 1 | Science 7 & 8 | Social Studies 7 & 8 | Language 1 | PE/Health 7 & 8 |
| 9 | English 9 | Alg. 1/ Geometry | IPS | World Civ. 1 | Language 2 | PE 9 |
| 10 | English 10 | Geometry/ Alg. 2 | Biology/ AP | World Civ. 2/Civics | Language 3 | Grade 10 Wellness |
| 11 | English 11/ AP | Alg. 2/ PreCalc | Chem/AP or Science Elective | U.S. History/AP | Language 4 | Grade 11 Wellness |
| 12 | English 12/ AP | PreCalc/ AP Calc | Physics/AP or Science Elective | Soc. Studies Elective AP Research | Language 5/AP | |
| Post Sec- ondary | | | | | | |

**Recommended Elective Courses
in this Cluster**

- Science courses
- Unified Arts Rotation in Family and Consumer Sciences

- Principles of the Biomedical Sciences

- Human Body Systems

- Medical Interventions

- Biomedical Innovation

Collegiate major relating to this cluster: *Biology, Physics, Biomedical Engineering, Pre-Medicine, Nursing, Veterinary Medicine*

Other Suggested Classes

- Advanced Observational Drawing
- Forensics
- Statistics
- Economics
- Child Development
- Individual and Family Development (UCONN)
- Environmental Science
- AP Environmental Science

**Sample occupations
relating to this cluster:**

Engineer, Dentist, Forensic Investigator, Physical Therapist, Speech Pathologist, Physician, Nurse, Veterinarian, Microbiologist, Pharmaceutical Researcher, Radiologist, Pharmacist, EMT, Paramedic, Medical Illustrator

Co-Curricular Activities

- Student Athletic Trainer
- Environmental Club

Career Exploration/Internships

- Job Shadow
- Internships
- UConn Mini-Medical Dentist High School Program

Further Opportunities for Study

- **Continuing Education:** Multiple courses are offered through adult education. A continuing education catalog is available at www.simsbury.k12.ct.us by clicking on District/Continuing Education.

- **Community College:** Multiple courses are available at Tunxis Community College (tunxis.comnet.edu), including:

*Anatomy & Physiology I
Anatomy & Physiology II
Basic Medical Support
Health, Safety and Nutrition*

*Human Biology
Introduction to Physical Therapy
General Psychology*

Community Connections

- University of Connecticut Health Center
- Athletic trainers (Select Physical Therapy)
- School nurses

Faculty/Staff Contacts

*Heather Golden, Science Department Supervisor
Teachers: Linda Pirek, Philip Isner*



Business & Finance courses encourage independent thinking, collaborative efforts, and individual achievement essential for success in our ever-changing technological world. **FINANCE** courses encourage making wise economic decisions related to personal financial affairs, the successful operation of organizations, and the economic activities of the country. **MARKETING** courses introduce students to the processes and functions involved in transferring business products or services to a consumer within an environment of rapidly evolving technology, interdependent national economies, increasing demands for ethical and social responsibility, and constant change.

BOLD = Required courses

| Grade | English/ Language Arts | Math | Science | Social Studies | World Languages (Spanish, French, Chinese, Latin) | PE/Health |
|------------------------|------------------------------|-------------------------------|--|--------------------------------|--|------------------------------|
| 7/8 | English 7 & 8 | Math 7/ PreAlg./ Alg. 1 | Science 7 & 8 | Social Studies 7 & 8 | Language 1 | PE/Health 7 & 8 |
| 9 | English 9 | Alg. 1/ Geometry | IPS | World Civ. 1 | Language 2 | PE 9 |
| 10 | English 10 | Geometry/ Alg. 2 | Biology/ AP | World Civ. 2/Civics | Language 3 | Grade 10 Wellness |
| 11 | English 11/ AP | Alg. 2/ PreCalc | Chem/AP or Science Elective | U.S. History/AP | Language 4 | Grade 11 Wellness |
| 12 | English 12/ AP | PreCalc/ AP Calc | Physics/AP or Science Elective | AP Economics AP Research | Language 5/AP | |
| Post Sec- ondary | | | | | | |

**Recommended Elective Courses
in this Cluster**

- Introduction to Business & Finance
- Introduction to Business Technologies

- Accounting 1
- Accelerated Accounting

- Accounting 2
- Banking & Investments
- Marketing
- Financial Literacy

- Personal Finance
- Global Supply Chain Concepts
- Entrepreneurship 1
- Sports & Entertainment Marketing

Other Suggested Classes

- AP Economics
- Digital Design
- Law
- Multiple World Languages
- Public Speaking
- Statistics
- AP Statistics
- Computer Science Principles
- AP Computer Science
- PLTW Introduction to Engineering Design

**Sample occupations
relating to this cluster:**

Accounting, business management, financial planning, investment advising, sales, advertising, entrepreneurship, brokerage, banking, marketing

Collegiate major relating to this cluster: *Business administration, accounting, economics, finance, marketing*

Co-Curricular Activities

- Future Business Leaders of America (FBLA)
- National Business Honor Society
- School Store
- Junior Achievement
- Entrepreneurial Academy
- Junior Civitan
- Student Council
- Interact Club (Rotary)
- Yearbook

Career Exploration/Internships

- Job Shadow
- Internships (available through Chamber of Commerce)

Further Opportunities for Study

- **Community College:** Multiple courses are available at Tunxis Community College (tunxis.comnet.edu), including:
Principles of Financial Accounting
Principles of Managerial Accounting
Entrepreneurship
- **Business Law**
Principles of Management
Business Ethics
Principles of Finance

- **Continuing Education:** Multiple courses are offered through adult education. A continuing education catalog is available at www.simsbury.k12.ct.us by clicking on District/Continuing Education.

Community Connections

- Chamber of Commerce
- Guest Speakers
- Rotary (Interact Club)

Faculty/Staff Contacts

Joncia Lytwyne, CTE Director; Wendy Ku, Business Department Coordinator
Teachers: Patti D'Onofrio, Deb Manning, Doug Nielson



Simsbury High School offers course work in multiple disciplines for students interested in **Communications**, ranging from the traditional (photography) to the more contemporary (website design, video production). Through the courses in this cluster, students will develop skills in multiple modes of communication and prepare themselves for post-secondary study, especially in the fields of modern communication that depend upon technology.

BOLD = Required courses

| Grade | English/ Language Arts | Math | Science | Social Studies | World Languages (Spanish, French, Chinese, Latin) | PE/Health |
|------------------------|------------------------------|-------------------------------|--|---|--|------------------------------|
| 7/8 | English 7 & 8 | Math 7/ PreAlg./ Alg. 1 | Science 7 & 8 | Social Studies 7 & 8 | Language 1 | PE/Health 7 & 8 |
| 9 | English 9 | Alg. 1/ Geometry | IPS | World Civ. 1 | Language 2 | PE 9 |
| 10 | English 10 | Geometry/ Alg. 2 | Biology/ AP | World Civ. 2/Civics | Language 3 | Grade 10 Wellness |
| 11 | English 11/ AP | Alg. 2/ PreCalc | Chem/AP or Science Elective | U.S. History/AP | Language 4 | Grade 11 Wellness |
| 12 | English 12/ AP | PreCalc/ AP Calc | Physics/AP or Science Elective | Soc. Studies Elective AP Research | Language 5/AP | |
| Post Sec- ondary | | | | | | |

**Recommended Elective Courses
in this Cluster**

- Unified Arts Rotation in Technology Education and Family and Consumer Sciences
- 8th Grade Full Year Technology Education Elective

- Introduction to Business Technologies
- Digital Video Production 1
- Introduction to Music Technology

- Digital Photography 1
- Website Design Elements
- Digital Video Production 2
- Film Study

- Digital Photography 2
- Digital Video Production 2
- Television Production
- Digital Design 1
- Film Study

- Independent Study
- Television Production
- Advanced Film Study
- Digital Design 2
- Film Study

Collegiate major relating to this cluster: *Communications, Media Studies, Graphic Design, Journalism, Information Technology, Television Production, Fine Arts/Photography, Arts & New Media*

Other Suggested Classes

- Multiple World Languages
- Animation and Film
- Marketing
- Psychology
- Law
- Theater
- Public Speaking

**Sample occupations
relating to this cluster:**

Journalist (print, broadcast), graphic designer, film/sound editor, advertising professional, marketer, photographer, television producer

Co-Curricular Activities

- Trojan News
- The Forum (newspaper)
- Yearbook
- Spectrum (literary magazine)
- Mock Trial
- Anime Club

Career Exploration/Internships

- Simsbury Community Television (SCTV)
- Internships (available through Chamber of Commerce)
- Job Shadow

Further Opportunities for Study

- **Continuing Education:** Multiple courses are offered through adult education. A continuing education catalog is available at www.simsbury.k12.ct.us by clicking on District/Continuing Education.
- **Greater Hartford Academy of the Arts:** Magnet school in Hartford specializing in the arts.

Community Connections

- Simsbury Community Television (SCTV)
- Field Trips (local TV, ESPN)
- Guest Speakers

Faculty/Staff Contacts

Joncia Lytwynec, CTE Director; Wendy Ku, CTE Department Supervisor; Kurt Dougan, Technology Education Department Coordinator; Shannon Gagne, Supervisor of Art K-12



Culinary Arts courses are grounded in authentic, experiential learning. Students are provided unique opportunities to develop personal responsibility, motivation, and interpersonal skills. Through the exploration of and participation in the multi-faceted culinary world, students demonstrate critical thinking and problem solving strategies. SHS graduates who have participated in the Culinary Arts cluster have gone on to enjoy successful careers in the food and hospitality industry.

BOLD = Required courses

| Grade | English/ Language Arts | Math | Science | Social Studies | World Languages (Spanish, French, Chinese, Latin) | PE/Health |
|------------------------|------------------------------|-------------------------------|--|--------------------------------|--|------------------------------|
| 7/8 | English 7 & 8 | Math 7/ PreAlg./ Alg. 1 | Science 7 & 8 | Social Studies 7 & 8 | Language 1 | PE/Health 7 & 8 |
| 9 | English 9 | Alg. 1/ Geometry | IPS | World Civ. 1 | Language 2 | PE 9 |
| 10 | English 10 | Geometry/ Alg. 2 | Biology/ AP | World Civ. 2/Civics | Language 3 | Grade 10 Wellness |
| 11 | English 11/ AP | Alg. 2/ PreCalc | Chem/AP or Science Elective | U.S. History/AP | Language 4 | Grade 11 Wellness |
| 12 | English 12/ AP | PreCalc/ AP Calc | Physics/AP or Science Elective | Social Studies Elective | Language 5/AP | |
| Post Sec- ondary | | | | | | |

**Recommended Elective Courses
in this Cluster**

- Unified Arts Rotation in Family & Consumer Sciences

- Smart Cooking
- Baking and Pastry Arts 1
- Regional and International Cuisines 1

- Introduction to Culinary Arts
- Baking and Pastry Arts 1
- Regional and International Cuisines 1

- Introduction to Baking and Pastry Arts 2
- Culinary Arts 2
- Event Planning

- Culinary Arts 2
- OR
- Culinary Capstone

Collegiate major relating to this cluster: Culinary Arts, Nutrition, Food Science, Hotel and Restaurant Management

Other Suggested Classes

- Accounting
- Marketing
- Photography
- Digital Design
- Digital Video Production
- Entrepreneurship
- Public Speaking

Sample occupations relating to this cluster:

Baker, Banquet Manager, Caterer, Chef, Culinary Educator, Dietitian, Event Planner, Food Advertising, Food Scientist, Food Stylist, Food Critic, Hospitality & Tourism related careers, Restaurant Manager or Owner, Retail careers, Dining Room Staff

Co-Curricular Activities

- Future Business Leaders of America (FBLA)
- Junior Civitan
- Multicultural Club
- Student Council

Career Exploration/Internships

- Job Shadow
- Internships/Mentorships at local restaurants

Further Opportunities for Study

- **Community College:** Multiple courses are available at Tunxis Community College (tunxis.comnet.edu)
- **Continuing Education:** Multiple courses are offered through adult education. A continuing education catalog is available at www.simsbury.k12.ct.us by clicking on District/Continuing Education.
- Johnson & Wales University (www.jwu.edu)
- Manchester Community College (www.mcc.comnet.edu)
- Culinary Institute of America

Community Connections

- Chamber of Commerce
- RiverView Banquet Facility
- Local restaurants, part-time job and internship opportunities

Faculty/Staff Contacts

Joncia Lytwynec, CTE Director; Wendy Ku, CTE Department Supervisor; Janet Black, Family and Consumer Science Department Coordinator. Teachers: Sara Garthwait, Daniel Lestrud, Gail Sztatowski



Simsbury High School Student Learning Cluster Engineering

SHS has partnered with **Project Lead the Way (PLTW)** to offer a four-year engineering elective cluster. PLTW's sequence of courses, when combined with college preparatory math and science courses in high school, prepares students for the scope, rigor and discipline of engineering courses in college, thus resulting in an increase in student success rates in college engineering programs. PLTW students will receive training in current technology using the latest computer software and equipment; participate in a hands-on, activity-oriented program that utilizes team efforts; earn up to 10 college credits through the University of New Haven; and be prepared to pursue a career in a field where a national employment shortage exists and pay scales are among the highest for entry-level professionals.

BOLD = Required courses

*These courses are **STRONGLY** recommended for students participating in this learning cluster.

| Grade | English/ Language Arts | Math | Science | Social Studies | World Languages <small>(Spanish, French, Chinese, Latin)</small> | PE/Health |
|------------------------|------------------------------|-------------------------------|---|---|--|------------------------------|
| 7/8 | English 7 & 8 | Math 7/ PreAlg./ Alg. 1 | Science 7 & 8 | Social Studies 7 & 8 | Language 1 | PE/Health 7 & 8 |
| 9 | English 9 | Alg. 1/ Geometry | IPS | World Civ. 1 | Language 2 | PE 9 |
| 10 | English 10 | Geometry/ Alg. 2 | Biology/ AP | World Civ. 2/Civics | Language 3 | Grade 10 Wellness |
| 11 | English 11/ AP | Alg. 2/ PreCalc | Chem/AP* or Science Elective | U.S. History/AP | Language 4 | Grade 11 Wellness |
| 12 | English 12/ AP | PreCalc/* AP Calc | Physics/AP* or Science Elective | Soc. Studies Elective AP Research | Language 5/AP | |
| Post Sec- ondary | | | | | | |

Recommended Elective Courses in this Cluster

- Unified Arts Rotation in Technology Education
- 8th Grade Full Year Technology Education Elective

- Intro to Engineering Design

- Principles of Engineering

- Digital Electronics
- Aerospace Engineering

- Engineering Design and Development

Other Suggested Classes

- Drawing
- Advanced Observational Drawing
- Forensics
- Architecture
- Automotive Technology
- Manufacturing Enterprise
- Construction
- Marketing & Finance
- Economics
- AP Environmental Science
- Statistics
- Computer Science

Sample occupations relating to this cluster:

Engineer, Product Designer,
Architect, Project Manager,
Forensic Investigator,
Geologist, Computer
Programmer, Astronaut

Collegiate major relating to this cluster: **Engineering and Engineering Technology**

(mechanical, civil, electrical, chemical, biological, architectural, architectural, computer, construction, drafting & design, environmental, information systems, manufacturing) **Mathematics, Chemistry, Biology, Physics**

Co-Curricular Activities

- First Robotics
- National Engineering Design Challenge
- Math League
- Environmental Club

Career Exploration/Internships

- Job Shadow
- Internships
- EBAD Cooperative

Further Opportunities for Study

- Summer university engineering programs

Community Connections

- College credit through Univ. of New Haven
- Mentorships within Engineering Design and Development course
- Guest speakers
- EBAD Cooperative

Faculty/Staff Contacts

Joncia Lytwynec, CTE Director; Wendy Ku, CTE Supervisor; Kurt Dougan, PLTW Coordinator
Teachers: Wendy Ku, Kurt Dougan, David Salonia, Andy Bakulski



The **Humanities** are defined as the branches of learning that have primarily a cultural character. Unlike other Student Learning Clusters at SHS, the Humanities are not meant to be a logical *sequence* of courses but rather a set of experiences—in the tradition of the liberal arts—that will appeal to students with interest in the social sciences, literature, the arts, and other disciplines. Students who might explore another Student Learning Cluster in depth could still benefit from an exploration of courses in the Humanities.

BOLD = Required courses

| Grade | English/ Language Arts | Math | Science | Social Studies | World Languages <small>(Spanish, French, Chinese, Latin)</small> | PE/Health |
|------------------------|------------------------------|-------------------------------|--|---|--|------------------------------|
| 7/8 | English 7 & 8 | Math 7/ PreAlg./ Alg. 1 | Science 7 & 8 | Social Studies 7 & 8 | Language 1 | PE/Health 7 & 8 |
| 9 | English 9 | Alg. 1/ Geometry | IPS | World Civ. 1 | Language 2 | PE 9 |
| 10 | English 10 | Geometry/ Alg. 2 | Biology/ AP | World Civ. 2/Civics AP Seminar | Language 3 | Grade 10 Wellness |
| 11 | English 11/ AP | Alg. 2/ PreCalc | Chem/AP or Science Elective | U.S. History/AP | Language 4 | Grade 11 Wellness |
| 12 | English 12/ AP | PreCalc/ AP Calc | Physics/AP or Science Elective | Soc. Studies Elective AP Research | Language 5/AP | |
| Post Sec- ondary | | | | | | |

**Recommended Elective Courses
in this Cluster**

Beyond the traditional core curriculum, students interested in the Humanities should consider the following classes as they plan their course of study:

- Fine Arts courses
- Music courses
- Theater courses
- Law
- Sociology
- Psychology
- AP Psychology
- AP Seminar
- AP Economics
- AP United States Government and Politics
- AP European History
- Child Development courses
- Individual and Family Development (UCONN)
- Photography
- Public Speaking
- Film Study
- Advanced Film Study

**Sample occupations
relating to this cluster:**

*Educator, Historian,
Journalist, Writer,
Artist, Health & Human
Services Worker, Lawyer,
Psychologist*

Other Suggested Classes

- Multiple World Languages

Collegiate major relating to this cluster: *Liberal Arts, English, History, Political Science, Art, American Studies, International Studies, Sociology*

Co-Curricular Activities

- Amnesty International
- Anti-Defamation League
- Environmental Club
- Gay-Straight Alliance
- History Day in Connecticut
- Interact Club (Rotary)
- Junior Civitan
- Mock Trial
- Model UN
- Multicultural Club
- Peer Advocates
- Project REACH
- History Day in Connecticut
- Spectrum Literary Magazine
- Student Council
- Yearbook

Career Exploration/Internships

- Job Shadow
- Internships available through Chamber of Commerce

Further Opportunities for Study

- **History Day in Connecticut:** Program encourages students to explore local, national, and world history. After selecting a historical topic that relates to an annual theme, students conduct research using libraries, archives, museums, and oral history interviews; students present their findings during competitions, where professional historians and educators evaluate the projects.
- **Continuing Education:** Multiple courses are offered through adult education. A continuing education catalog is available at www.simsbury.k12.ct.us by clicking on District/Continuing Education.

Community Connections

- Guest speakers in classes
- Community members serve as advisors to SHS
- Multiple connection to elementary schools and HJMS

Faculty/Staff Contacts

Jane Ellen Peregrin, School Counseling Department Supervisor; Richard Curtiss, Social Studies Department Supervisor; Shannon Gagne, Supervisor of Art K-12; Angela Griffin, Director of Music & Performing Arts; Wendy Ku, CTE Supervisor



The Department of **Music & Performing Arts** offers a variety of courses to meet the diverse needs of high school students. Each course provides students with an in-depth experience in music or theater and an opportunity to grow as artists in an ensemble setting. Students may pursue a path that focuses on voice, band, orchestra, or theater. Students may also choose courses across areas and create a unique series of music and performing arts electives throughout their high school career.

BOLD = Required courses

| Grade | English/ Language Arts | Math | Science | Social Studies | World Languages (Spanish, French, Chinese, Latin) | PE/Health |
|------------------------|------------------------------|-------------------------------|--|--------------------------------|--|------------------------------|
| 7/8 | English 7 & 8 | Math 7/ PreAlg./ Alg. 1 | Science 7 & 8 | Social Studies 7 & 8 | Language 1 | PE/Health 7 & 8 |
| 9 | English 9 | Alg. 1/ Geometry | IPS | World Civ. 1 | Language 2 | PE 9 |
| 10 | English 10 | Geometry/ Alg. 2 | Biology/ AP | World Civ. 2/Civics | Language 3 | Grade 10 Wellness |
| 11 | English 11/ AP | Alg. 2/ PreCalc | Chem/AP or Science Elective | U.S. History/AP | Language 4 | Grade 11 Wellness |
| 12 | English 12/ AP | PreCalc/ AP Calc | Physics/AP or Science Elective | Social Studies Elective | Language 5/AP | |
| Post Sec- ondary | | | | | | |

**Recommended Elective Courses
in this Cluster**

| Middle School Performing Ensembles or Music Composition | | | |
|--|---|--|-------------------------|
| Vocal Emphasis | Band Emphasis | String Emphasis | Performing Arts |
| Treble Choir or Men's Choir | Symphonic Band -or- Percussion Ensemble | Concert Orchestra | Introduction to Theater |
| Mixed Chorale Advanced Women's Chamber Choir | Symphonic Band | Concert Orchestra or Chamber Orchestra | Intermediate Theater |
| Mixed Chorale or Advanced Women's Chamber Choir | Wind Ensemble Music Theory | Concert Orchestra or Chamber Orchestra | Advanced Theater 1 |
| Mixed Chorale or Simsbury Singers | Wind Ensemble Music Theory | Concert Orchestra or Chamber Orchestra | Advanced Theater 2 |
| Other Courses: Jazz Ensemble, Song Writing & Composition, Chamber Music, Unified Theater, Technical Theater | | | |

Other

Suggested Classes

- Sports & Entertainment Marketing
- Personal Finance
- Entrepreneurship
- Psychology
- Fine Arts
- Public Speaking
- Film Study

Sample occupations relating to this cluster:

- Music Educator,
- Performer, Music Therapist, Composer/Arranger, Actor,
- Technical Theater

Collegiate major relating to this cluster: Music Performance, Music Business, Music Education, Composition, Music Therapy, Theater, Theater Education, Arts Therapy, Conducting, Music Librarianship

Co-Curricular Activities

- Musical
- One Acts
- Spring Play
- Tri-M
- Gospel Choir
- All Region Ensembles
- All State Ensembles
- Holiday Cabaret
- Steel Pan Ensemble

Career Exploration/Internships

- Hartt Partnership Opportunities
- Hartt Composition Project

Further Opportunities for Study

- Private Lessons
- Simsbury Arts Academy (SAA)
- Greater Hartford Academy of the Arts (by audition)

Community Connections

- Simsbury Arts Academy (SAA)
- Connecticut Children's Chorus (CCC)
- The University of Hartford-Hartt School of Music Community Division

Faculty/Staff Contacts

Angela Griffin, Director of Music & Performing Arts
 Teachers: Colleen Thompson, Chorus; Lisa Abel, Band; Dr. Stuart Younse, Theater;
 Ryan Ford, Orchestra; Ken Fischer, Jazz



Visual Art Education at Simsbury High School offers a wide variety of courses to meet the interests and diverse needs of our art students. Imagination, problem solving, reflection and creativity are essential skills our graduates will need for the 21st Century and are embedded in the experiences students will have creating art and responding to art in their studio work. The art courses are intended for any student interested in art and design for a possible career, a post graduate portfolio, or enjoyment.

BOLD = Required courses

| Grade | English/ Language Arts | Math | Science | Social Studies | World Languages (Spanish, French, Chinese, Latin) | PE/Health |
|------------------------|------------------------------|-------------------------------|--|--------------------------------|--|------------------------------|
| 7/8 | English 7 & 8 | Math 7/ PreAlg./ Alg. 1 | Science 7 & 8 | Social Studies 7 & 8 | Language 1 | PE/Health 7 & 8 |
| 9 | English 9 | Alg. 1/ Geometry | IPS | World Civ. 1 | Language 2 | PE 9 |
| 10 | English 10 | Geometry/ Alg. 2 | Biology/ AP | World Civ. 2/Civics | Language 3 | Grade 10 Wellness |
| 11 | English 11/ AP | Alg. 2/ PreCalc | Chem/AP or Science Elective | U.S. History/AP | Language 4 | Grade 11 Wellness |
| 12 | English 12/ AP | PreCalc/ AP Calc | Physics/AP or Science Elective | Social Studies Elective | Language 5/AP | |
| Post Sec- ondary | | | | | | |

**Recommended Elective Courses
in this Cluster**

| Unified Arts Rotation in Art | | |
|--|--|--|
| 2D Strand | 3D Strand | Design Strand |
| Art 1 Art 1A | Art 1 Art 1A Jewelry and Glass 1 Ceramics and Sculpture 1 | Art 1 Art 1A |
| Drawing 1 | Ceramics 2 Sculpture 2 Jewelry and Glass 2 Fashion Design | Digital Design 1 |
| Drawing 2 Drawing 3 Painting 1 Painting 2 Adv. Observational Drawing | Ceramics 2 Sculpture 2 Jewelry and Glass 2 Portfolio Development | Digital Design 2 Photography 1 Animation and Film |
| AP Drawing • Independent Study or • Portfolio Development | AP 3D Design • Independent Study or • Advanced coursework in 3-Dimensional Art • Portfolio Development | AP 2D Design • Advanced Animation and Film • Photography 2 • Digital Design 2 • Portfolio Development |

**Sample occupations
relating to this cluster:**
*Fine Artist, Museum
Curator, Design
Consultant, Illustrator,
Graphic Designer,
Art Teacher, Artisan,
Animator, Photojournalist*

Collegiate major relating to this cluster: *Fine Arts, Fashion Design, Interior Design, Web Design, Graphic Design, Game Design, Curatorial/Gallery, Digital Editing, Animation, Exhibition/Display Design, Technical Theater/Set Design, Illustration, Costuming, Photography, Film/Video Broadcasting*

**Other Suggested
Classes**

- Video Production
- TV Production
- Engineering Design
- Architecture
- Web Design
- Film Study

Co-Curricular Activities

- National Art Honor Society
- Yearbook Club
- Performing Arts Council
- Technical Theater
- Job Shadow

Career Exploration/Internships

- Graphic Design Opportunities
- Illustration Work
- Theater Work
- Costume Design
- Job Shadow
- Connecticut Innovation Academy (Animation & Film)
- Community Partnerships
- Textile Design
- Fashion Design

Further Opportunities for Study

- **Simsbury Arts Academy (SAA):** Summer and after-school opportunities for study in the arts. (Brochures are posted on the Dep't of Continuing Education website. Go to www.simsbury.k12.ct.us and click on District/Continuing Education.)
- **Greater Hartford Academy of the Arts:** Magnet school in Hartford specializing in the arts.

Community Connections

- Hartford Art School
- Studio Garcia
- Canton Clayworks
- Greater Hartford Arts Council
- Body Talk
- Farmington Valley Arts Center
- New Britain Museum of American Art (NBMAA)
- Hillstead Museum

Faculty/Staff Contacts

*Shannon Gagne, Supervisor of Art K-12
 Teachers: Megan Lavoie, Theo Ciciotte, David Holzman,
 Stephanie Lauretano*

This is a worksheet to help you plan your program along with your school counselor.

Simsbury High School *Worksheet to Plan Your Program 2019-20*

Student's Last Name: _____ First Name: _____

Email Address: _____ Year of Graduation: _____

Possible Career Interest: _____

ACADEMIC

| 9th Grade | | | 10th Grade | | |
|-----------------------|-------|--------|-----------------------|--------|--------|
| | Level | Credit | | Level | Credit |
| English 9 | 1 2 | 1.0 | English 10 | 1 2 | 1.0 |
| Math | 1 2 3 | 1.0 | Math | 1 2 3 | 1.0 |
| IPS | 1 2 | 1.0 | Biology | AP 1 2 | 1.0 |
| World Civ. 1 | 1 2 | 1.0 | World Civ. 2/Civics | 1 2 | 1.0 |
| World Language | 1 2 | 1.0 | World Language | 1 2 | 1.0 |
| Physical Education 9 | 2 | 0.5 | Grade 10 Wellness | 2 | 0.5 |
| Elective | | | Elective | | |
| Elective | | | Elective | | |
| Study Hall/ESS | | N/A | Elective | | |
| Total Credits: | | | Total Credits: | | |

| 11th Grade | | | 12th Grade | | |
|----------------------------|----------|--------|-----------------------|----------|--------|
| | Level | Credit | | Level | Credit |
| English 11 | AP 2 | 1.0 | English | AP 2 | 1.0 |
| Math | AP 1 2 3 | 1.0 | Math | AP 1 2 3 | 1.0 |
| United States History | AP 1 2 | 1.0 | History Elective | AP 2 | 0.5 |
| Chemistry/Science elective | AP 1 2 | 1.0 | Financial Literacy | 2 | 0.25 |
| World Language | 1 2 | 1.0 | | | |
| Grade 11 Wellness | 2 | 0.5 | | | |
| Elective | | | | | |
| Elective | | | | | |
| Elective | | | | | |
| Total Credits: | | | Total Credits: | | |

KEY: AP: Advanced Placement Level 1: Honors Level 2: Competitive College Preparatory Level 3: College Preparatory

Graduation Requirements:

Minimum Graduation Requirements

| | |
|---|---------------------|
| <i>English</i> | 4 Credits |
| <i>Math</i> | 4 Credits |
| <i>Science</i> | 3 Credits |
| <i>Social Studies (including U.S. History & Civics)</i> | 3.5 Credits |
| <i>World Language</i> | 2 Credits |
| <i>Fine or Applied Arts</i> | 2 Credits |
| <i>Physical Education</i> | 1 Credit |
| <i>Health</i> | .5 Credit |
| <i>Additional Electives</i> | 4.75 Credits |
| <i>Financial Literacy</i> | .25 Credit |

Suggested College Requirements

| | |
|-----------------------------|--------------------|
| <i>English</i> | 4 Credits |
| <i>Math</i> | 3-4 Credits |
| <i>Science</i> | 3-4 Credits |
| <i>Social Studies</i> | 3-4 Credits |
| <i>World Language</i> | 2-4 Credits |
| <i>Fine or Applied Arts</i> | 1-2 Credits |

PERSONAL/SOCIAL

Goals/Activities:

Grade 9 _____

Grade 10 _____

Grade 11 _____

Grade 12 _____

Additional Comments: _____
