



MAINE SOUTH HIGH SCHOOL

CLASS OF 2025

Course Selection Guide

**Maine South High School
Freshman Course Selection Guide**



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**Freshman Kick-Off
Virtual Events**

Tuesday December 1st

- Check your email details on our “Class of 2025 Freshman Registration Kick-Off”
- Your email will direct you to the Class of 2025 website to check out the following:
 - A 30 minute Video Presentation “Welcome Class of 2025”
 - Special Education parents may also choose to watch “Special Education Preview”
 - Career Pathways Manual
 - Link to the “Maine South Virtual Electives Fair” Website

Wednesday December 2nd

- Revisit the “Maine South Virtual Electives Fair Website”
- After checking out the resources provided for the core departments and elective courses, decide which live links you may want to join to ask the teachers questions or learn more about the course.

Department	Career and Technology Education (CTE)
Department Chair	Erica Tuke 847-692-8099 etuke@maine207.org @ericatuke
Course Descriptions	<p>Applied Technology</p> <p>Computer Aided Design (CAD) 1.0 credit Designed for students who wish to be involved with the architectural design field and for those interested in computer aided drafting. Students will be introduced to both traditional and computer aided drafting skills. The aim of CAD 1 is to introduce beginning students to basic information, skills, and concepts related to drafting and design. Special attention is given to: sketching, measurement, room planning, multiview drawings, auxiliary views, working drawings, sectional views, orthographic drawings along with AutoCAD tools and commands. Current and future trends in the architectural field will be examined. This course carries a dual credit option with Oakton Community College.</p> <p>Introduction to Engineering Design (IED) 1.0 credit This is the first course in the Project Lead the Way program which is a sequence of courses designed to prepare students to be successful in science, engineering and engineering technology. The course introduces students to the scope, rigor and discipline of engineering prior to entering a postsecondary institution. Students use a problem-solving model to improve existing products and invent new ones. Using Inventor (3D modeling software), students create 3D representations of their designs. Emphasis is placed on analyzing potential solutions and communicating ideas to others. This course carries a dual credit option with Oakton Community College.</p> <p>Business and Technology</p> <p>Introduction to Business 1.0 credit Students will gain a better understanding of the economic resources used in producing goods and services in a global economy. Marketing, entrepreneurship, and financial systems will be taught to enhance students' knowledge of successful business operations. This course is suggested for students planning to take other business course offerings. This course may be taken to fulfill the Consumer Education graduation requirement.</p> <p>Computer Programing .5 credit Introduces students to the fundamental concepts of programming. These include designing, planning, coding, and debugging of computer projects including games, simulations and apps for Android devices. The course will introduce and use several educational programming platforms to teach computer programming skills. This course is designed for students with no prior programming experience</p> <p>Digital Marketing .5 credit Students will develop capabilities in designing, implementing, and evaluating digital marketing strategies. Through hands-on projects, students will experience the new reality of marketing in the digital world. Learn how to reach and market customers in the digital platform and social media.</p>

Robotics .5 credit

Students will be utilizing VEX IQ, RobotC or EasyC software. The objective of this course is to introduce the student to basic programming as well as problem solving strategies. This course will involve students in the development, building and programming of a robot. Students will work hands-on to build, program and document their progress. Topics may include motor control, gear ratios, torque, friction, sensors, timing, program loops, logic gates, decision-making, timing sequences, propulsion systems and binary number systems.

Graphic Arts 1 1.0 credit

Designed for students who wish to learn about two dimensional graphic design. Students will learn the basic principles of design, two dimensional graphic design execution, page layout and printing along with information in post-secondary options and career opportunities in this field.

Family Consumer Sciences**Culinary 1 1.0 credit**

Introduces the skills and knowledge needed to become a competent cook and select the right foods for healthy living. Students will learn to interpret a recipe, measure ingredients correctly and create safe and sanitary working situations. They will develop skills in planning, teamwork, and time management in lab situations, demonstrate proper use and care of equipment, develop ability to select products and understand the principles of nutrition. Students will also hone their ability to critique the food they create.

Fashion 1 1.0 credit

Designed to provide students with the basic skills and opportunities for creativity in pattern and fabric selection and their use; the ability to use equipment and to operate a sewing machine; the techniques of simple pattern alteration and construction of garments; and the opportunity to explore various aspects of fashion.

Early Child Development 1.0 credit

Early Childhood Development is a course designed for students who are planning to pursue any occupation related to children or the healthcare field. This course provides information about conception, pregnancy and the delivery of a baby. Other topics include growth and development of infants and young children up to age three. Emphasis is placed on parental roles, responsibilities, and guiding techniques for disciplining children. This course also increases awareness of job opportunities in childcare and healthcare careers. Students will have the opportunity to earn Level 1 ECE credit. This course is recommended for Child Care Occupations/Preschool and Healthcare.

Personality and Relationships 1.0 credit

Personality and Relationships focuses on essential concepts such as personality theories, emotions, communication, learning, and mental health. Another focus is on interpersonal relationships, including the study of family, friendship, dating, engagement, and marriage. Through this course, students use cooperative learning to gain a better understanding of how personality influences relationships, as well as developing skills in understanding and interacting with others.

Flow Chart	Applied Technology
	<p>Maine South Applied Technology Flow Chart 2021-22</p> <p>*Dual Credit with Oakton **Industry Certification</p> <p>The course sequence is a recommended pathway. Students may enter or exit the path at anytime. Only a prerequisite determines the next course.</p> <pre> graph LR subgraph Pathway1 [Architecture and Civil Engineering] A1{Architecture and Civil Engineering} --> B1[PLTW Intro to Engineering and Design* (Prerequisite) OR CAD 1*] B1 --> C1[PLTW Civil Engineering & Architecture Accelerated*] C1 --> D1[Advanced CAD] D1 --> E1[Internship] end subgraph Pathway2 [Manufacturing and Industrial Engineering] A2{Manufacturing and Industrial Engineering} --> B2[PLTW Intro to Engineering and Design*] B2 --> C2[CAD 1*] C2 --> D2[Engineering & Design Capstone* OR CWT] D2 --> E2[Engineering & Design Capstone*] end subgraph Pathway3 [Software/Computer Engineering] A3{Software/Computer Engineering} --> B3[PLTW Intro to Engineering and Design*] B3 --> C3[Computer Programming] C3 --> D3[Robotics] D3 --> E3[AP Computer Science Principles OR Internship] end </pre>

Flow Chart	Business
	<p>Maine South Business & Communication Arts 2021-22</p> <p><i>Strongly recommend Intro to Business for sophomores going into the business pathway</i></p> <p>The course sequence is a recommended pathway. Students may enter or exit the path at anytime. Only a prerequisite determines the next course.</p> <p style="text-align: right;">*Dual Credit with Oakton **Industry Certification</p> <pre> graph LR subgraph Accounting_and_Finance [Accounting and Finance] A1[Accounting 1 (Prerequisite) OR Investing Risk & Rewards OR Financial Literacy] --> A2[College Accounting Accelerated* OR Investing Risk & Rewards OR Financial Literacy] --> A3[Entrepreneurship* OR Internship] end subgraph General_Business [General Business] B1[Accounting 1] --> B2[Marketing / Digital Marketing OR Investing Risk & Rewards OR Financial Literacy] --> B3[Entrepreneurship* OR Internship] end subgraph Hospitality [Hospitality] C1[Introduction to Business OR Personality & Relationships] --> C2[Culinary 1 OR Marketing OR Digital Marketing] --> C3[Baking & Pastry* OR Gourmet OR Personality & Relationships] --> C4[Entrepreneurship* OR Internship] end Intro1[Intro to Business] --> A1 Intro2[Intro to Business] --> B1 Intro3[Introduction to Business OR Personality & Relationships] --> C1 </pre> <p style="color: red; text-align: center;">NOTE: Financial Literacy should account for one semester</p>
Flow Chart	Technology
	<p>Maine South Applied Business Technology 2021-22</p> <p>The course sequence is a recommended pathway. Students may enter or exit the path at anytime. Only a prerequisite determines the next course.</p> <p style="text-align: right;">*Dual Credit with Oakton **Industry Certification</p> <pre> graph LR subgraph Computer_Science_Cybersecurity [Computer Science/Cybersecurity] D1[Computer Programming OR Robotics] --> D2[AP Computer Science Principles*] --> D3[Cybersecurity] --> D4[Internship] end subgraph Advertising_Graphics [Advertising/Graphics] E1[Graphic Arts I] --> E2[Advanced Graphics Certification ** (Repeatable)] --> E3[Digital Marketing OR Marketing OR 3D Animation] --> E4[Entrepreneurship* OR Internship] end </pre>

Flow Chart	Family and Consumer Sciences
	<p>Maine South Health Professions, Sciences & Public Services 21-22</p> <p>The course sequence is a recommended pathway. Students may enter or exit the path at anytime. Only a prerequisite determines the next course.</p> <p style="text-align: right;">*Dual Credit with Oakton, Harper, or Triton **Industry Certification</p> <pre> graph LR subgraph Education_Path [Education] E1{Education} --> E2[Early Childhood Development** OR Personality & Relationships] E2 --> E3[Early Childhood Development** OR Personality & Relationships] E3 --> E4[Preschool Practicum] E4 --> E5[Introduction to Teaching OR Internship] end subgraph Culinary_Path [Culinary] C1{Culinary} --> C2[Culinary] C2 --> C3[Baking and Pastry*] C3 --> C4[Gourmet] C4 --> C5[Internship] end subgraph Health_Science_Path [Health Science] H1{Health Science} --> H2[Early Childhood Development** OR Personality & Relationships] H2 --> H3[Early Childhood Development** OR Personality & Relationships] H3 --> H4[Health Care Careers OR Medical Terminology *] H4 --> H5[Internship OR CNA*/**] end subgraph Fashion_Path [Fashion] F1{Fashion} --> F2[Fashion 1 OR Introduction to Business] F2 --> F3[Fashion 2* OR Marketing OR Digital Marketing] F3 --> F4[Fashion 3 OR Fashion Merchandising*] F4 --> F5[Fashion 4 OR Entrepreneurship*] end </pre>

Department	Fine Arts
Department Chair	Teralyn Keith 847-692-8239 tkeith@maine207.org @TeralynKeith
Course Descriptions	<p>Visual Arts</p> <p>Art Foundations 0.5 credit Art Foundations is a one semester course for students pursuing an interest in drawing and painting. Students study the elements and principles of design: line, shape, form, value, texture, color, and space. In addition, students will learn a variety of skills and techniques to create their own art in areas such as drawing, painting, and 2-D design. Materials may include waterbase paints, acrylics, oil pastels, assorted papers, inks, and pencils. Students concentrate on skills in drawing and painting, acquire effective techniques in the use of artists' materials, develop their imagination to produce original works of art, and discover the world of art appreciation. This course is offered in both Semester 1 and Semester 2 and should be followed by Art Applications.</p> <p>Art Applications 0.5 credit Art Applications is a one semester art course intended to follow Art Foundations. Students will put their acquired knowledge of the elements and principles of design into practice. Students will create their own expansive works of art in areas such as drawing, painting, 2-D and 3-D design. Materials may include water base paints,</p>

acrylics, oil pastels, assorted papers, inks, pencils, and clay. Students will focus on creating artistic projects, acquiring compositional skills in the use of artists' materials, developing their imagination to produce original works of art, and contributing to the world of art appreciation.

Design & Materials 1 1.0 credit

Focuses on the aesthetics of art and the functionality of design. Students learn design and composition skills, then apply them to a variety of media include clay, glass, relief printmaking and two/three dimensional designs. Major emphasis is placed on originality and craftsmanship toward projects, which may be both decorative and functional. Design & Materials 1 broadens a student's appreciation of the arts and crafts as it heightens their awareness of their own creative abilities.

Photo 1 1.0 credit

Teaches students not only how to use a camera, but also how to express themselves visually on assignments in their neighborhoods, the school campus, and the photography studio. They will also use the school darkrooms to process film, enlarge and develop prints. Major study areas include: introduction to photographic vision, the use of the camera as a tool, basic developing and printing, studio portraits, landscape, cityscape, motion, multiple imagery, point of view, texture and depth of field. *Students must have access to a 35mm camera.*

Digital Imaging Semester .5 credit (repeatable once for full year credit)

Digital Imaging is a class designed to explore creative art making through the use of Adobe Photoshop software and computer technology. This course provides a comprehensive computer art exposure specializing in various digital art concepts and techniques. Electronic photo imaging, digital still life, and electronic drawing are studied during the first semester. Students continuing this course for a second semester will enhance their mastery beyond first semester skills and techniques. Areas such as animation/video and landscape 3D design are explored. The course is repeatable and may be taken for the whole year.

Music *(Rental instruments available)*

Concert Band 1.0 credit

for students who have demonstrated the ability to meet the performance requirements. Experiences include daily class rehearsals with marching and concert band. *All incoming freshmen with previous band experience.*

Percussion Techniques 1.0 credit

for all students who play percussion instruments.

Mixed Chorus 1.0 credit

Vocal development and part singing is emphasized as well as basic note and rhythm reading. They receive the training necessary for participation in advanced choral groups. *Intended for all male and female freshmen.*

Beginning Orchestra 1.0 credit

Intended for students who would like to learn violin, viola, cello or string bass.

String Orchestra 1.0 credit

This course is an ensemble for all incoming freshmen with previous orchestral experience. Students will perform and explore a variety of musical genres while developing and refining technical/musical skills essential for entry into Concert and Symphony Orchestra. Freshmen members of String Orchestra will have the option of auditioning in the fall for our most advanced ensemble, Chamber Orchestra.

Guitar 1 1.0 credit

Beginning students learn the fundamental techniques of the instrument, and more experienced players develop and improve their skills. In doing so, students will be able to apply what they have learned to classical, folk, rock and pop guitar styles. *No previous musical experience is required/Rental instruments available.*

Piano 1 1.0 credit

This course is designed for students interested in learning to play or advance their performance skills. Students prepare a variety of compositions for study and performance. *No previous musical experience is required.*

iDigital Audio & Music Production 0.5 credit

iDigital Audio and Music Production is a Chromebook apps based course that allows students to create audio recordings to produce a piece of music, create loops, understand the properties of sound and how they are represented in the digital domain. Students will understand basic audio specifications used in product descriptions and use them to choose audio tools that will best match creative needs, recognize how audio signals move within a digital mixer and use internet services for distribution and collaboration.

Extra-Curricular Options: *Jazz Band, Stage Band, Vocal Jazz, Hawkapellas, Decibelles, Chamber Orchestra, Pit Orchestra*

Drama/Broadcasting**Broadcasting 1.0 credit**

Broadcasting is a course providing hands-on experiences for those students interested in aspects of radio and television. Students will obtain skills necessary for taking part in real programs aired on our own radio station, WMTH-FM, as well as designing/creating various aspects of running television shows. Students are trained in the operation of all radio and television equipment and explore the duties of radio and television personnel, including announcers, technicians and producers. In our broadcast-quality studios and state-of-the-art labs, students will work hands-on to create various types of radio and television programs, including music videos, interview shows, news programs, commercials, and public service announcements. Facilities and equipment are provided to Broadcasting students and remain current, as the media industry continues to evolve. After successful completion of Broadcasting, students may continue to develop their skills in Advanced Television and Film Production. Students who complete Broadcasting will have satisfied the Communication Arts requirements for graduation.

iDigital Video Production 0.5 credit

Digital Video Production provides students with a production experience which trains them in the creation and editing of video content. The course will provide students with possible options and opportunities to explore production paths available in high school, college and career. Digital Video Production will enable students to create a portfolio of video works, in various styles and genres. Additionally, this course will teach appropriate use and business-level application of social media to market and stage projects and products on a digital platform.

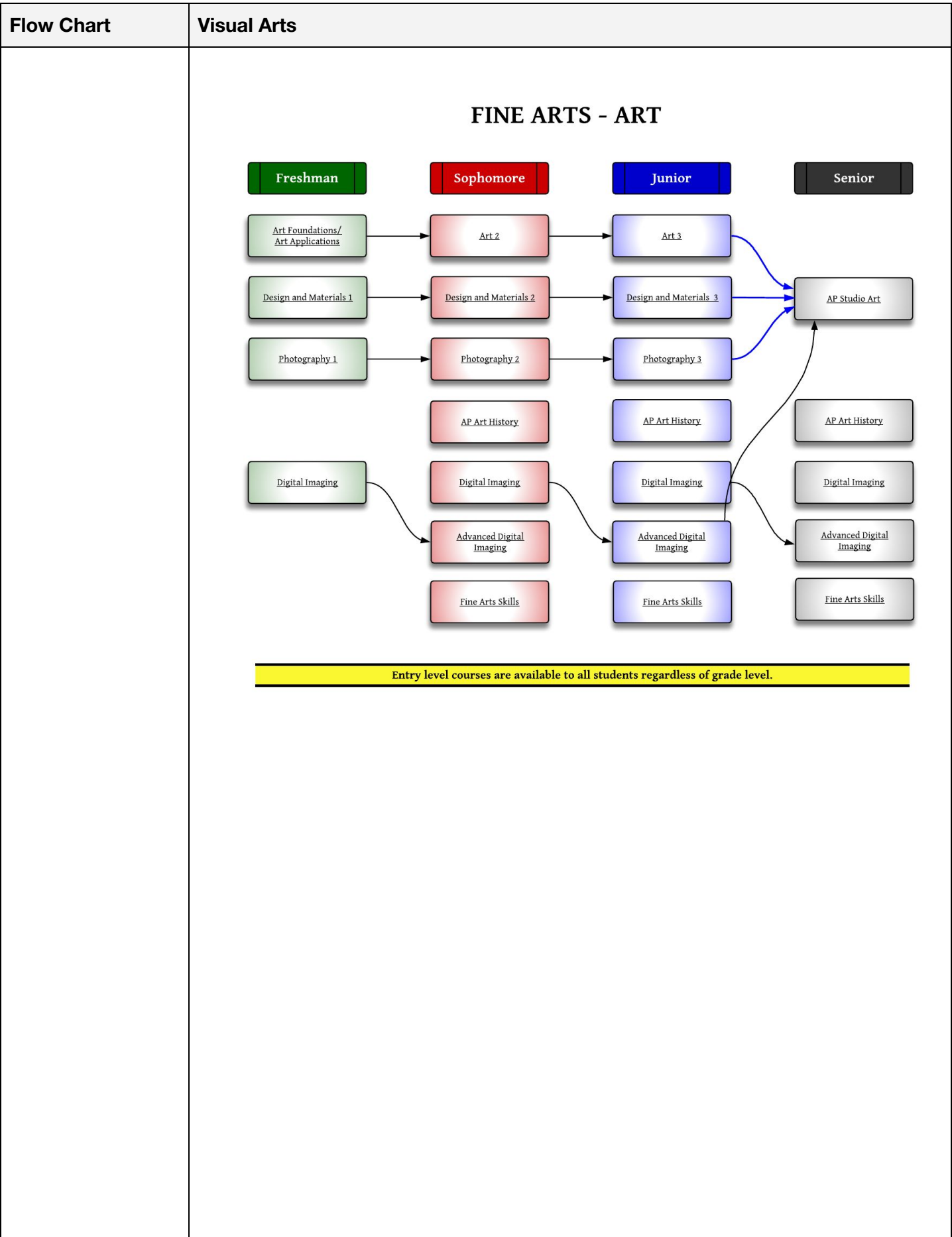
Drama 1 1.0 credit

Drama 1 develops acting skills through a series of activities, such as, theatre games, improvisation, pantomime, monologues, and scenes. Students study theatre from the point of view of both performer and audience member. Drama 1 students also develop vocal, physical, and emotional control, as well as analytical, creative, and ensemble-building skills. Students who complete Drama 1 will have satisfied the Communication Arts requirement for graduation.

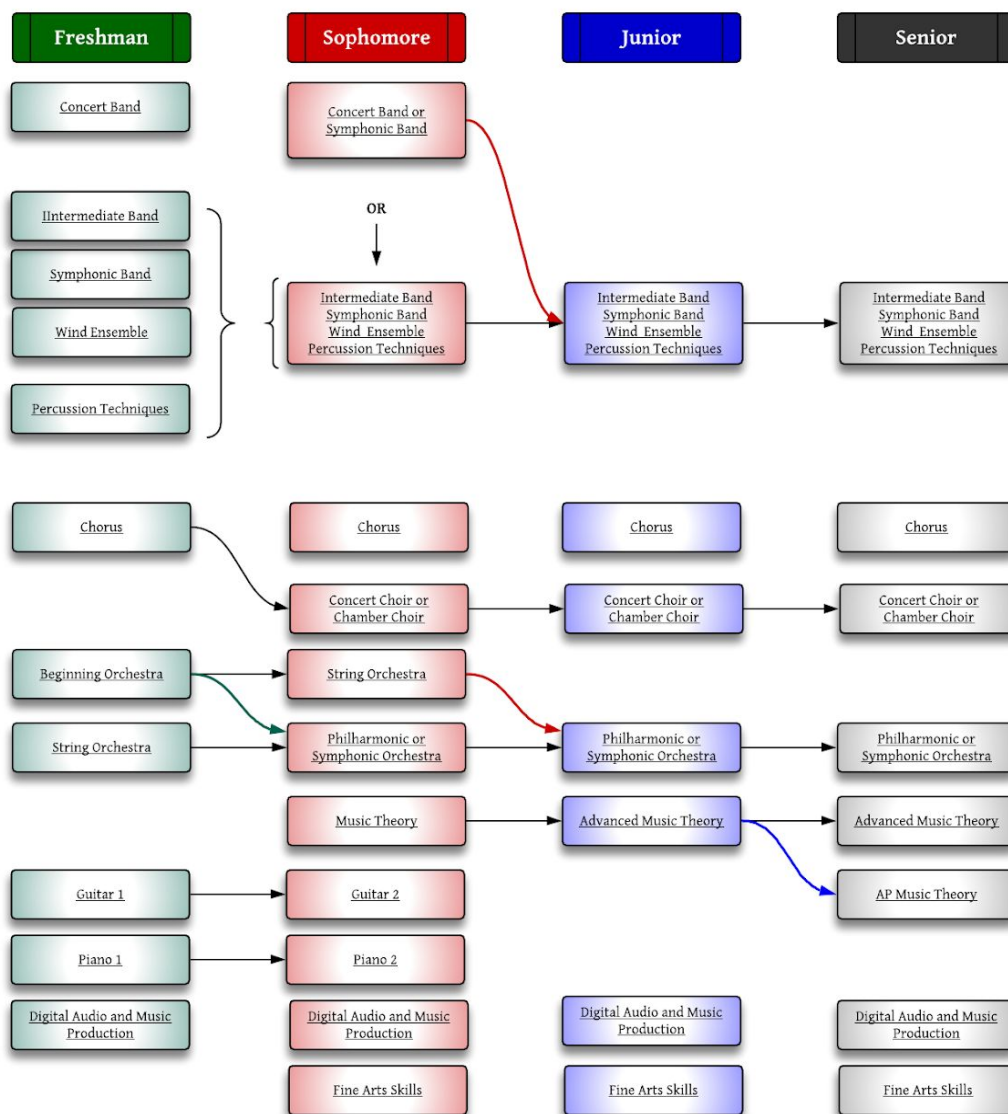
Technical Theatre 1.0 credit

Working on a variety of group and individual projects in the areas of set design and construction, theatrical makeup, costuming, scene painting, stage lighting and sound, students experience the behind the curtain workings of putting on a show. One semester/one credit, may be repeated.

Extra-Curricular Options: *Plays (fall & winter), V-Show, Musical, Theatre Tech Crews, WMTH Radio & TV, Thespians*



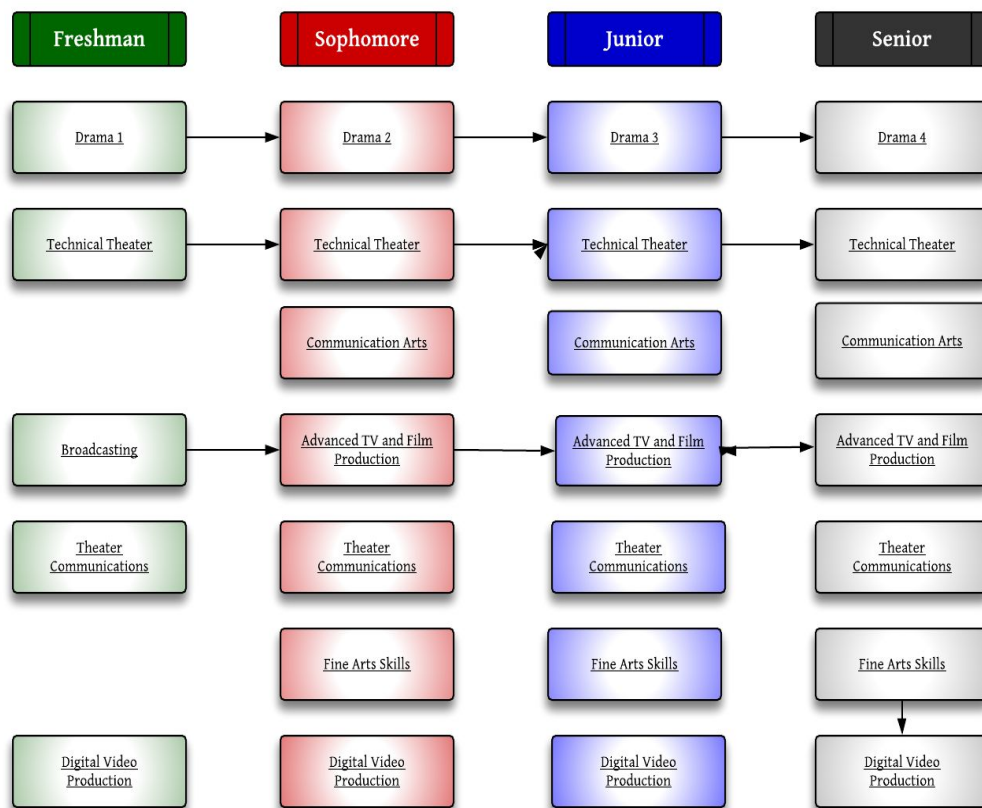
FINE ARTS - MUSIC



Entry level courses are available to all students regardless of grade level. For information, call the Music department.

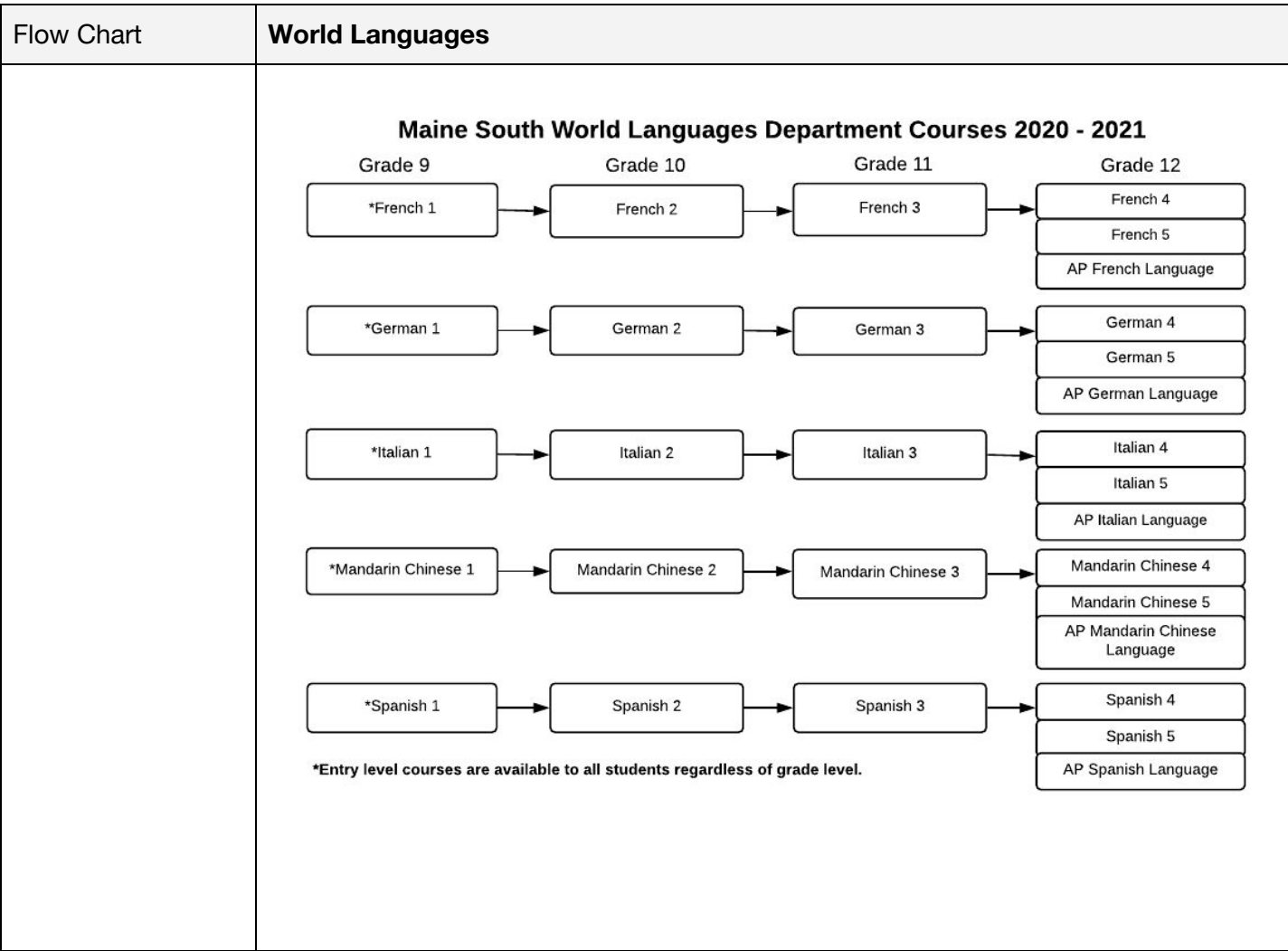
Placement in band and orchestra classes is reviewed on an annual basis.

FINE ARTS - SPEECH/DRAMA/BROADCASTING



Entry level courses are available to all students regardless of grade level. For information, call the Music department.

Department	World Languages
Department Chair	Tona Costello 847-692-8134 tcostello@maine207.org
Course Description	<p>Foreign Language in Elementary Schools Maine South receives students with prior foreign language training at the junior high level in French, German and Spanish. Students are placed in the second year, second year accelerated or repeat first year according to the recommendation of their 8th grade foreign language teacher.</p> <p>French 1, German 1, Italian 1, Mandarin Chinese 1, Spanish 1 - 1.0 credit <i>No prerequisite. (Accelerated placement will be determined by the teacher after first semester.)</i> In the first year of a foreign language, students become familiar with the sounds of the language, its basic vocabulary, and the most common structures. They study the cultures, countries, and the lifestyles of the people who speak the language.</p> <p>French 2, German 2, Spanish 2 - 1.0 credit <i>Prerequisite: Successful completion of first year language.</i> In the second year of a foreign language, students improve their ability to understand and speak as well as read and write. They broaden their knowledge and understanding of the people whose language they are studying.</p> <p>French 2 Acc, German 2 Acc, Spanish 2 Acc - 1.0 credit <i>Prerequisite: Successful completion of first year language. Accelerated placement will be determined by either the 8th grade teacher or the teacher of the level 1 high school course.</i> In the second year of a foreign language, students improve their ability to understand and speak as well as read and write. They broaden their knowledge and understanding of the people whose language they are studying. In the accelerated program the materials of the regular course are enriched by a more intensive study of language structure and by more diversified reading.</p> <p><i>Accelerated credit is available at every grade level. Students may take the Advanced Placement Exam at the fourth and/or fifth level depending on which language is studied.</i></p>



Department	Mathematics
Department Chair	Dawn Bodden 847-692-8155 dbodden@maine207.org

Incoming Freshman Math Placement Timeline 2020-21

Students in 8th grade math

Fall 2020	January 2021	Early May 2021	Late May 2010
Sender schools will send over MAP data.	Counselors meet with incoming freshman students and parents. Students will be placed in Math 1 and may be placed in Foundations of Problem Solving (in addition to Math 1) based on Fall MAP scores.	Student course list mailed home with initial math placement.	Students registered for both Math 1 and Foundations of Problem Solving will be reevaluated based on Winter and Spring MAP scores. Parents will be contacted if any adjustments are needed.

Students in 8th Math 1...

December 2019	January 2021	March 2021	May 2021
There will no longer be a placement exam. Sender schools are using the same common assessments as HS and we will articulate throughout the year.	Counselors meet with incoming freshman students and parents. All students receive a placement of Math 2.	DC meets with sender schools to identify any concerns with placement. DC will communicate changes in placement if necessary.	Student course list mailed home with final math placement.

Students in 8th Grade Math 2...

January 2021	March 2021	May 2021
Counselors meet with incoming freshman students and parents. Students will choose between Math 3 compression or Math 3 based on success in Math 2 and desired math pathway.	DC meets with sender schools to identify any concerns with placement. DC will communicate changes in placement if necessary. Students will be placed in Math 3 compression or Math 3 .	Student course list mailed home with final math placement.

Course Descriptions	<p>Math 1 - 1.0 credit</p> <p>Math 1 is a first course in high school mathematics. In all integrated courses, students study content standards in the domains of Algebra, Functions, Geometry, Number and Quantities, and Statistics and continue to develop their proficiencies with the 8 Standards for Mathematical Practice. Topics in Math 1 include linear and exponential relationships, functions, and representing and interpreting statistical data. The study of congruence and geometric properties of figures is approached from a transformational perspective while connecting to students' algebraic understandings. Some students may be dual enrolled in Foundations of Problem Solving, as determined by placement and department chair.</p>
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Foundations of Problem Solving 1.0 credit

Foundations of Problem Solving is a Math 1 supplemental support class that develops students' procedural fluency, productive dispositions towards mathematics, and problem solving skills. Students will build and reinforce foundational math skills to further develop the computational skills and conceptual understandings needed to access Math 1 with confidence and success. Students will earn a math credit. Students enrolled in this course by department chair recommendation only.

Math 2 1.0 credit

Math 2 is a second course in high school mathematics. In all integrated courses, students study content standards in the domains of Algebra, Functions, Geometry, Number and Quantities, and Statistics and continue to develop their proficiencies with the 8 Standards for Mathematical Practice. Topics in Math 2 include algebraic and geometric connections, quadratic functions, piecewise and inverse functions, and representing and interpreting statistical data. The study of similarity and geometric properties of figures is approached from a transformational perspective while connecting to students' algebraic understandings.

Math 3 1.0 credit

Math 3 is a third course in high school mathematics. In all integrated courses, students study content standards in the domains of Algebra, Functions, Geometry, Number and Quantities, and Statistics and continue to develop their proficiencies with the 8 Standards for Mathematical Practice. Topics in Math 3 include solving quadratics and other equations, more functions and features of functions, geometric figures (triangles and parallelograms), circles from a geometric perspective, equations of circles, modeling with geometry (special right triangles and law of sines and cosines, and statistical data.

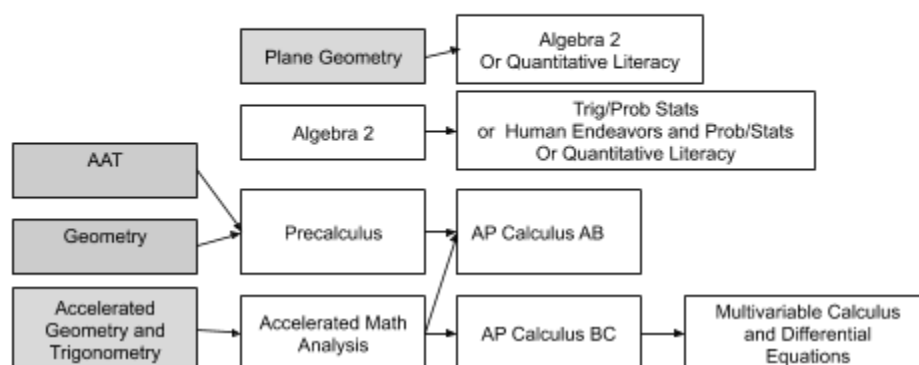
Math 3 Compression 1.0 credit

Math 3 compression is a third course in high school mathematics. The intent of the compression is to progress through the content at a pace which allows for additional pre-calculus topics to be taught. Students in the compression course are on a pathway to BC calculus. In all integrated courses, students study content standards in the domains of Algebra, Functions, Geometry, Number and Quantities, and Statistics and continue to develop their proficiencies with the 8 Standards for Mathematical Practice. Topics in Math 3 include solving quadratics and other equations, more functions and features of functions, geometric figures (triangles and parallelograms), circles from a geometric perspective, equations of circles, modeling with geometry (special right triangles and law of sines and cosines, Modeling periodic behavior (unit circle and evaluating trig functions), functions and their inverses, and statistical data

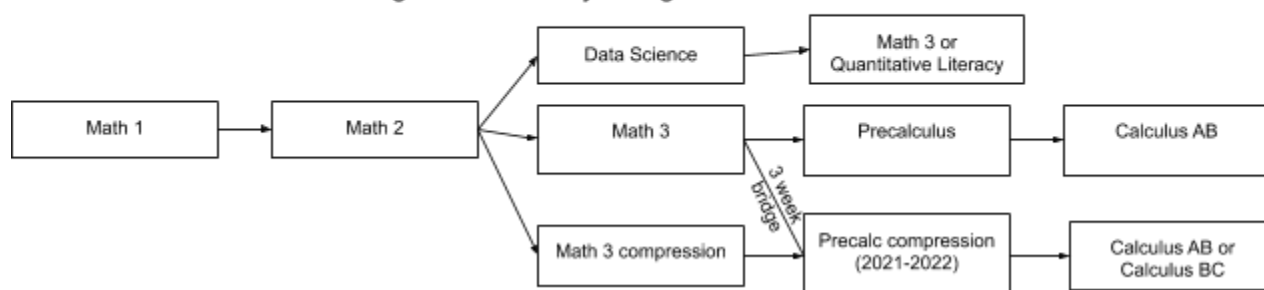
Computer Science 0.5 credit

Computer Science offers an in-depth look at basic data types, input/output statements, basic math operations, random values, conditional statements, loops, methods, String methods, and arrays. This course provides an excellent background for AP Computer Science and for most college computer courses. Language: Java

Traditional Pathway



Integrated Pathway - Began in fall 2019

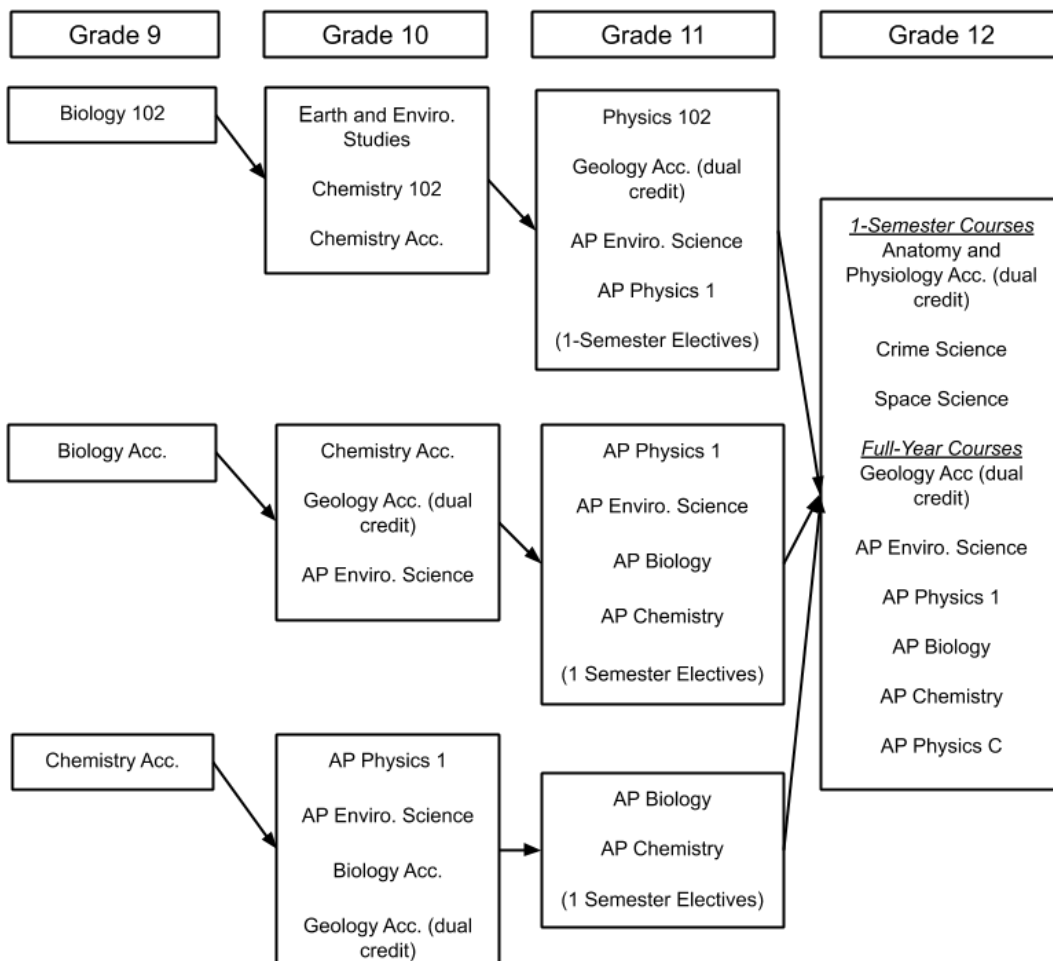


Elective Course Options	Year in School	prerequisites
Computer Science (1 semester)	9, 10, 11, 12	none
AP Computer Science A	10, 11, 12	
Trig/Prob/Stats	12	Algebra 2
Quantitative Literacy	12	Has satisfied their 3 year math requirement
Data Science	11, 12	Math 2
Human Endeavors (.5 DC with EIU) paired with Prob/Stats	12	490 SAT, C or higher in Algebra 2
AP Statistics	10, 11, 12	Strong Alg 2, or Strong Math 3 or higher

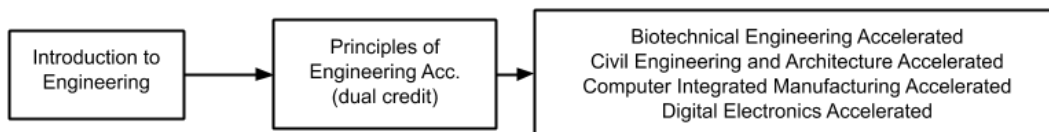
Department	Science
Department Chair	Daun Biewenga 847-692-8156 dbiewenga@maine207.org @BiewengaScience
Course Descriptions	<p>Placement Criteria Students are recommended for their freshman science course in either biology or chemistry based on a combination of their MAP Reading and Math scores, their middle school grades, and their math course history.</p> <hr/> <p>Biology 102 1.0 credit The study of Biology introduces students to the living world around them through the exploration of several major concepts, including: Homeostasis, DNA and Gene Expression, Meiosis and Genetics, Natural Selection and Evolution, Energy, and Ecology. Hands-on laboratory investigations and technology applications are fully integrated into the curriculum, which is aligned to the Next Generation Science Standards. The lab experiences are designed to develop students' skills in making observations, gathering data, and being able to critically assess the results.</p> <p>Biology Accelerated 1.0 credit Biology Accelerated introduces students to the same concepts as Biology 102 but with more depth. Hands-on laboratory experiences and technology applications are fully integrated into the curriculum. This course uses a college-level textbook and is recommended for students with strong reading and mathematical skills.</p> <p>Chemistry Accelerated 1.0 credit Freshman students who are placed into Geometry and Trigonometry Accelerated for math and who have strong reading skills will be recommended to take Chemistry Accelerated. This full-year course takes a laboratory-intensive, mathematically rigorous approach to studying the nature of matter and its interaction with energy. The content topics include: chemical bonding, stoichiometry, types of chemical reactions, kinetics and equilibrium in reactions, chemical and nuclear energy, modern atomic theory, solutions, and acid/base chemistry. Please note that students who take Chemistry Accelerated as freshmen are expected to still take a full year of biology within three years. Most will take AP Biology during their junior year to meet this requirement.</p>

Maine South Science Course Sequence Options*

**This sequence map shows new courses that students can add to their choices each year. Note that any course open to a sophomore is also open to a junior or senior who meets prerequisites. Students should consult the course descriptions, prerequisites, and career pathways to identify their own plan of study.*



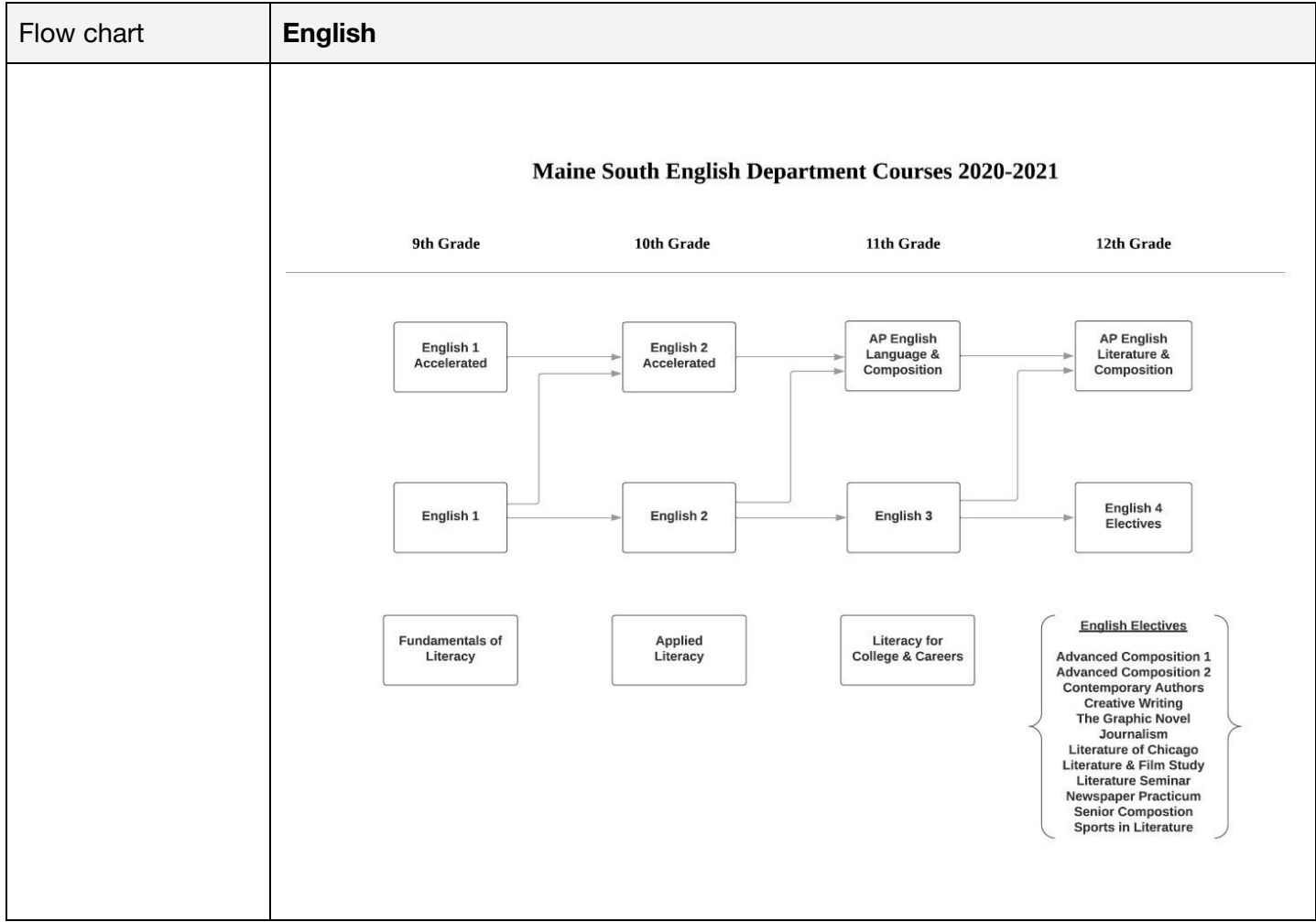
Maine South Project Lead the Way Engineering Electives



Department	Social Science
Department Chair	Jenne Dehmlow 847-692-8140 jdehmlow@maine207.org @jennedehm
Course Descriptions	<p>Placement Criteria Students are recommended for their Social Science course based upon a combination of their MAP Reading scores and their Social Studies grades in middle school.</p> <hr/> <p>World Cultures 1.0 Credit These year-long courses trace the development of cultures in China, Japan, India, Latin America, Africa, and the Middle East. The focus of the course is the role of individuals, resources, and environment on the development of a culture and includes an overview of modern genocides. Included in the course is skill development in the areas of geography, reading, and writing.</p> <p>AP Human Geography 1.0 Credit This year-long AP level course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. The class is a performance-based college-level survey course. Students taking this class will take the College Board Exam in Human Geography at the end of the year, which will afford them the opportunity to earn college credit.</p> <p>AP World History: Modern 1.0 Credit This year long AP level course is an intensive, college level course studying the patterns of development and interaction between various societal organizations from prehistory to the present. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. This AP World History class is a performance based college-survey course. Students taking this class will take the College Board Exam in World History at the end of the year, which will afford them the opportunity to earn college credit.</p>

Flow chart	Social Science
	<div>Maine South Social Science Department Courses 2020 - 2021</div> <div><div>Grade 9</div><div>World Cultures</div><div>AP Human Geography</div><div>AP World History</div></div> <div><div>Grade 10</div><div>**AP Economics: Macro / Micro</div><div>AP European History</div><div>AP Human Geography</div><div>**AP Psychology</div><div>*Economics</div><div>History of the Western World</div><div>*International Relations</div></div> <div><div>Grade 11</div><div>US History</div><div>AP US History</div><div>AP Economics: Macro / Micro</div><div>AP Psychology</div><div>*Economics</div><div>*International Relations</div><div>*Law in American Society</div><div>*Sociology</div></div> <div><div>Grade 12</div><div>*Civics & Government</div><div>AP US/Comparative Government</div><div>AP US Government and Politics</div><div>AP Economics: Macro / Micro</div><div>AP Psychology</div><div>American Government: <i>We the People</i></div><div>*Economics</div><div>*International Relations</div><div>*Law in American Society</div><div>*Modern America</div><div>*Sociology</div></div> <div><div>* Semester Courses</div><div>** with Counselor Rec / DC Approval. (Applicable Soph year only.)</div></div>

Department	English
Department Chair	Julianna Cucci 847-692-8139 jcucci@maine207.org
Course Descriptions	<p>Placement Criteria</p> <p>Students are recommended for their freshman English course based upon their MAP Reading scores, their Language Arts grades in middle school, and recommendations shared by their middle school teachers. Every student will take a full year English course during 9th Grade. Students may also be recommended for a literacy course to support and improve their literacy skills in all of their classes.</p> <hr/> <p>English 1 1.0 credit</p> <p>This year-long course is designed to prepare students to meet the literacy demands of high school. Through the examination of language and composition, students will explore themes related to character and identity. The emphasis in language is on developing and improving the vocabulary, grammar, and mechanical skills of every student. In reading, the emphasis is on comprehending and appreciating literary and non-fiction texts. The focus in composition is on writing successful sentences, paragraphs, and essays (expository, argument, and narrative). In this course, students will complete assessments to show their progress toward mastery of the Common Core State Standards for English Language Arts.</p> <p>English 1 Accelerated 1.0 credit</p> <p>This year-long course focuses upon the same literacy skills and themes as English 1 but with greater rigor and depth. Students in this course read above grade-level, and texts chosen demand above grade-level vocabulary knowledge and comprehension skills. Students will read and be assessed over additional texts and analyze more closely the stylistic and thematic choices made by authors. English 1 Accelerated focuses on providing a foundation for future Advanced Placement work in English.</p> <p>Fundamentals of Literacy 1.0 credit Applied Literacy 1.0 credit</p> <p>Fundamentals of Literacy and Applied Literacy are literacy support classes that provide targeted instruction using student data to track progress, technology for individualized learning, and authentic reading instruction to develop literacy skills needed for increasingly difficult academic demands and life. Each course is aligned to the Common Core State Standards, including all components of reading instruction for adolescents (fluency, comprehension, and vocabulary) as well as opportunities to apply developing skills to current academic coursework. Students identified through standardized test performance and/or teacher recommendation are placed into the appropriate literacy class and will earn elective credit for the course. Students will have the opportunity to exit the course throughout the semester based upon their performance.</p>



Department	Physical Education and Health
Department Chair	Melissa Dudic 847-692-8021 mdudic@maine207.org
Lead Teacher	Don Lee 847-692-8090 dlee@maine207.org
Course Descriptions	<p>Physical Education:</p> <p>During freshman year, the physical education program is designed to provide students with fundamental knowledge and skill development through a sequence of health and skill related fitness activities and individual and team sports. Furthermore, students will be engaged in fitness testing to track personal fitness levels. They will also be tested cognitively on the five components of fitness and the six skill-related components of fitness as they relate to each unit.</p>
Flow chart	<div> <div> <div>Maine South Physical Education and Health Courses 2019-2020</div> <div> <div>Grade 9</div> <div> <div>* Physical Education</div> </div> </div> <div> <div>Grade 10</div> <div> <div>Physical Education</div> <div>Health</div> </div> </div> <div> <div>Grade 11</div> <div> <div>Adventure Education</div> <div>Dance I</div> <div>Group Fitness</div> <div>Junior Leaders: Application Only</div> <div>Martial Arts</div> <div>Junior and Senior Fitness and Sport</div> <div>Total Body Conditioning</div> <div>Yoga</div> </div> </div> <div> <div>Grade 12</div> <div> <div>Adventure Education</div> <div>Dance I</div> <div>Group Fitness</div> <div>Senior Leaders: Must complete Junior Leaders to be Eligible</div> <div>Martial Arts</div> <div>Junior and Senior Fitness and Sport</div> <div>Total Body Conditioning</div> <div>Yoga</div> </div> </div> <div>* Full Year Course</div> </div> </div>

Department	Special Education
Department Chair	Laurel Grogger 847-692-8163 lgrogger@maine207.org
Course Descriptions	Students are in general education courses, courses that parallel general education courses, or specialized programs.
8th Grade Transition Timeline	<p>The Special Education Department Chair and IEP Facilitator meet with the middle school case managers to obtain basic information about the incoming students in fall/early winter of the students' 8th grade year.</p> <p>If your student has his/her annual review in the fall/early winter, high school representation was present for the meeting.</p> <p>Transition meetings will happen for 8th grade students with IEPs who didn't already have their annual review in January/early February. Course recommendations and elective selections are discussed during these meetings.</p>

Maine South High School

Freshman Orientation Events

Class of 2025



Month	Event	Information
Nov. 9th, 7:00 p.m. OR Nov. 16th, 7:00 p.m.	Tours designed for parents of first-time high school students	<ul style="list-style-type: none">• Building tour• Explanation of the registration process
November 10th 7:00 p.m. Parochial Schools	Tours for parents and students of parochial schools	<ul style="list-style-type: none">• Building tour• Explanation of the registration process
Dec. 1: Virtual Presentation on Website Dec. 2, 6:00 - 8:30 p.m.: Virtual Elective Fair on Website	Freshman Registration Kick-off Evening	<ul style="list-style-type: none">• Placement process• Scheduling / Four-year plan• Student Life• Special Education Meeting• Preview of Elective offerings• Opportunity to ask Dept. Chairs and teachers questions
Tentatively January 20, January 27, February 3. (Registration deadline- mid-February)	Individual Counselor Meetings	<ul style="list-style-type: none">• Understanding the family dynamic• Services that we provide• Registration for courses• Four-year planning
Mid - March	Freshman Activities/Fine Arts/Athletics Fair	<ul style="list-style-type: none">• Sign-up for activities• Athletic tryout Information
End of July	Home Visits	<ul style="list-style-type: none">• Visits by Maine South staff to the incoming freshmen who have not signed up for a school group
August 16, 2021	Freshman Only First Day of School	<ul style="list-style-type: none">• Freshman Assembly• Meet Freshman Focus leaders• Building Tour• Schedule walk-through

Registration & Student Services	Dr. Melissa Pikul - Associate Principal of Student & Family Services mpikul@maine207.org		
Clubs and Activities	Mr. Dave Berendt - Associate Principal of Student Experiences dberendt@maine207.org		
Special Education	Ms. Laurel Grogger - Special Education Department Chair lgrogger@maine207.org		
Athletics	Mr. Matt Ryder - Athletic Director mryder@maine207.org		
Communications, Technology, Instructional Materials/Supplies	Dr. Iris Smith - Associate Principal ismith@maine207.org		
Summer School	Ms. Melissa Dudic - Associate Principal of Teaching and Learning mdudic@maine207.org		
Team Black	Ms. Jennifer Korbar Ms. Erin Sanchez Mr. Timothy Spiegel Mr. Robert Tortorelli Ms. Lisa Buckley	Assistant Principal (A-G) Counselor Counselor Counselor Social Worker	jkorbar@maine207.org esanchez@maine207.org tspiegel@maine207.org rtortorelli@maine207.org lbuckley@maine207.org
Team Red	Ms. Kyleen Coia Ms. Trisha Conlon Ms. Stephanie Maksymiu Ms. Cris Villalobos Mr. Brad Wolcott	Assistant Principal (H-O) Counselor Counselor Counselor Social Worker	kcoia@maine207.org tconlon@maine207.org smaksymiu@maine207.org cvillalobos@maine207.org bwolcott@maine207.org
Team White	Mr. Andrew Eder Mrs. Meghan Wood Mr. Bill Milano Ms. Diane Spillman Ms. Janet Radziszewski	Assistant Principal (P-Z) Counselor Counselor Counselor Social worker	aeder@maine207.org mwood1@maine207.org wmilano@maine207.org dspillman@maine207.org jradziszewski@maine207.org
Career & College Admission	Ms. Robyn Moreth rmoreth@maine207.org		
Career Coordinator	Ms. Laura Wilkens wilkens@maine207.org		
School Psychologists	Mr. Steve Mihalopoulos Dr. Carly Biggins Ms. Jennifer Weber smihalopoulos@maine207.org ctindallbiggins@maine207.org jweber@maine207.org		
Placement and Curriculum	Ms. Daun Biewenga Ms. Erica Tuke Ms. Jenne Dehmlow Ms. Tona Costello Ms. Teralyn Keith Mr. Don Lee Ms. Julianna Cucci Ms. Dawn Bodden	Science Chair CTE Chair Social Science Chair Foreign Language Chair Fine Arts Chair PE Lead English Chair Math Chair	dbiewenga@maine207.org etuke@maine207.org jdehmlow@maine207.org tcostello@maine207.org tkeith@maine207.org dlee@maine207.org jcucci@maine207.org dbodden@maine207.org