**Changes to the Course of Studies 20-21**

Page 11 – Added French to the IB Scope & Sequence chart

Page 13 – Changed IB Mathematics to Applications & Interpretation from Mathematics SL 1 year
IB Mathematics to Analysis & Approaches from Mathematics Study SL 2 years

<table>
<thead>
<tr>
<th>Pathway 1</th>
<th>Pathway 2</th>
<th>Pathway 3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>8th Grade</strong></td>
<td>8th Grade Math or Pre-Algebra</td>
<td>Algebra 1 (dual enrollment or credit from another school)</td>
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<tr>
<td><strong>9th Grade</strong></td>
<td>Algebra 1</td>
<td>Geometry</td>
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<tr>
<td><strong>10th Grade</strong></td>
<td>Geometry and Algebra 2</td>
<td>Algebra 2</td>
</tr>
<tr>
<td><strong>11th Grade</strong></td>
<td>IB Mathematics: Analysis &amp; Approaches</td>
<td>IB Mathematics: Analysis &amp; Approaches</td>
</tr>
<tr>
<td><strong>12th Grade</strong></td>
<td>AP Calculus AB or AP Statistics or Dual Enrollment at a College/University</td>
<td>AP Calculus AB or AP Statistics or Dual Enrollment at a College/University</td>
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Page 14 – Added Pathways to IB Language Acquisition: French SL chart
Pathways to IB language Acquisition: French SL

<table>
<thead>
<tr>
<th>Pathway 1</th>
<th>Pathway 2</th>
<th>Pathway 3</th>
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<tr>
<td><strong>8th Grade</strong></td>
<td>French 1</td>
<td>Partial French 1 Course</td>
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<tr>
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<td>French 2</td>
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</tr>
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<td><strong>10th Grade</strong></td>
<td>French 3</td>
<td>French 2</td>
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<td><strong>11th Grade</strong></td>
<td>IB Language Acquisition: French SL (Year 1)</td>
<td>IB Language Acquisition: French SL* (Year 1)</td>
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<tr>
<td><strong>12th Grade</strong></td>
<td>IB Language Acquisition: French SL (Year 2)</td>
<td>IB Language Acquisition: French SL (Year 2)</td>
</tr>
</tbody>
</table>

Page 17 - Removed sentence from description

**692 TECHNOLOGY DESIGN LAB I**
*College Prep*
Grades 9 - 12
Students will learn about the design process incorporating technology tools as they create products to demonstrate their learning. Students will - Inquire and Analyze - Develop Ideas - Create Solutions - Evaluate
Students will master the operation of the Chromebook. Students will demonstrate knowledge of appropriate times to use Google Apps, Extensions, the Chromebook Browser, and Functionality Settings. The Google Platform (Gmail, Google Docs, Google Sheets, Google Forms and Google Add-ons) will be the primary focus for this course. Students will also learn how to manage and upload documents to their Electronic Portfolio. Elements of Digital Citizenship will include topics related to social media,
identity theft, secure internet connections, and current use of technology. Students will create presentations using digital media applications which include elements of text, graphics, animation, sound, video and digital imaging for various formatting. Students will also be introduced to drag and drop coding and will experiment with learning through gamification. With so much of our lives online, it’s important that students exhibit, promote, and understand digital citizenship. Understanding the permanence and accessibility of one’s online presence is crucial. Daily choices when interacting and communicating online often have lasting repercussions.

This is a course that is required of all students for graduation.

Page 18 Added new Courses

188 DECA Prep 2
College Prep
Grades 10-12
All Marketing Vocational Studies students are encouraged to enroll in DECA Prep 2 during grades 10, 11, and 12 consecutively with their Marketing Education course. The DECA PREP 2 class includes hands-on experiences. This class builds on previous learning experiences garnered from DECA Prep and competition. Lessons learned in the Marketing Education courses are applied to real life situations. DECA Competition preparation is the major component of this course with extra-curricular participation in DECA required of all students. This course will be student-centered; each student will have an individualized curriculum tied to their personal career focus. Students selecting this course must also select course #643, #644, #636, #645 OR #646
- Prerequisite - 2.5 credits of a successfully completed business course
- This course is highly recommended if a student is an active and competitive DECA member.
2.5 Credits
WHS Learning Expectation “C” Communicate Information

189 DECA Prep 3
College Prep
Grades 10-12
All Marketing Vocational Studies students are encouraged to enroll in DECA Prep 3 during grades 10, 11, and 12 consecutively with their Marketing Education course. The DECA PREP 3 class includes hands-on experiences. This class builds on previous learning experiences garnered from DECA Prep 2 and competition. Lessons learned in the Marketing Education courses are applied to real life situations. DECA Competition preparation is the major component of this course with extra-curricular participation in DECA required of all students. This course will be student-centered; each student will have an individualized curriculum tied to their personal career focus. Students selecting this course must also select course #643, #644, #636, #645 OR #646
- Prerequisite - 2.5 credits of a successfully completed business course
- This course is highly recommended if a student is an active and competitive DECA member.
2.5 Credits
WHS Learning Expectation “C” Communicate Information

Page 20 Change grade/ 8-10 from 9-10

648s ENTREPRENEURSHIP
College Prep
Grades 8-10
DECA Competition Eligible
Do you know someone who owns his or her own business? Do you want to be your own boss? Do you have the goal of owning a highly successful company? These are only a few of the reasons why thousands of people in the United States become entrepreneurs. This course will take you on a step-by-step journey through the entire process of owning your own business. You will select a product or service to sell, determine who your customers are, learn how to market your business, obtain financing, manage your employees, and more. You will also learn how to put together a business plan and will have created a complete plan by the end of the course. Student’s assessment will be based upon tests, quizzes, class work, individual and group projects, homework, and class participation. 2.5 CREDITS (9th & 10th grade only)
WHS Learning Expectation “C” Communicate Information
Page 20 - New Course

190  FINANCIAL LITERACY FOR TEENS
Grade 8-10
In this foundation financial literacy program, students will learn basic personal finance skills that are relevant to the lives of teens. The course content is designed to help students make wise spending and saving decisions, and to make effective use of income to achieve financial success and deal with the realities of their financial decisions now and in the future.
This course does not fulfill the Personal Finance graduation requirement.
2.5 CREDITS (9th and 10th grade only)
WHS Learning Expectation “C” Communicate Information

Removed Courses

8076 8th Grade YOUNG ENTREPRENEUR
This term long, project-based course is a brief introduction to the Marketing/Business courses here at WHS. Throughout the term, students will be exposed to research and development of a product, as well as pricing and promotion of the product. It will also assist the learner to appreciate business education as a tool for national development.
WHS Learning Expectation “C” Communicate Information

Page 22 – Added sentence to description/grade change

093 PERSONAL FINANCE
College Prep
Grades 11-12
In this introductory course, students will learn best practices for managing their own finances and investments that will help students build solid financial habits and give them the tools necessary to become more financially independent. The topics covered in the course will include: budgeting, financial planning, consumer purchasing, banking, credit cards and debt, saving, risk and return, and investments. The course content is designed to help students make wise spending, saving, and credit decisions and to make effective use of income to achieve financial success and deal with the realities of the financial decisions they will face throughout their lives.
This is a course that is required of all students for graduation.
2.5 CREDITS

Added sentence to end of course

681 CULINARY ARTS I
College Prep
Grades 9-12
This course is designed to expose students to careers and opportunities in the Food Service Industry. Students will be required to learn about Personal hygiene and Sanitation by completing the Servsafe Food Handlers Course Certification. Students will also learn kitchen safety and knife safety. Students will also be introduced to the basic cooking methods and techniques by preparing various foods such as appetizers, fruits, starches, meats, pies, muffins, and cookies. Students will convert recipes, understand weights and measures, and basic food costs. This course is taught from the Massachusetts CTE Culinary Frameworks. This course uses the design cycle to identify a problem (local or global), analyze the problem, identify feasible solutions, and fully develop one solution to the problem.
2.5 CREDITS
WHS Learning Expectation “R” Respect & Responsibility

Page 30 – Added Core English 8 course

185  CORE ENGLISH 8
Grade 8
This course is for students who would benefit from additional support with their writing, reading or language arts skills. Students will be recommended for the course by the humanities department chair, guidance counselor or Student Support Council. Automatic placement will occur for students who qualify based on their most recent MCAS results or the final grade in the most recent completed English class.
2.5 credits
152 CORE ENGLISH 11/12
Grade 11-12
This course is meant for students who need work on basic English skills. Students will work on test taking and study strategies along with reading and writing skills. The major goal of the course is to help students who failed the MCAS test taken in Grade 10. Students will be enrolled in this class using teacher recommendation and Grade 10 MCAS scores.
2.5 CREDITS
WHS Learning Expectation “C” Communicate Information

153 INTRODUCTION TO CREATIVE WRITING – Old description
College Prep
Grades 9 - 12
Dying to write the next big blockbuster? Are you a Matt Damon or Ben Affleck “wannabe”? This is the course for you. Do you like to become absorbed in a good movie? Are you touched by poetry? Do you find you need an outlet for your creative genius? Look no further. Intro to Creative Writing will not only expose you to different genres, but hopefully will help you to gain an appreciation for writing as an art. Learn the basics from writing poetry and short stories to screenplays. Students are asked to have a sincere interest in writing.
(Prerequisite – “C” average or better in most recent English class, approval of current English Teacher or Department Head)
2.5 CREDITS
WHS Learning Expectation “C” Communicate Information

153 INTRODUCTION TO CREATIVE WRITING
College Prep
Grades 8 – 10
Dying to write the next big blockbuster? Are you a young poet, screenwriter or rapper? Do you find you need an outlet for your creative genius? Look no further. Intro to Creative Writing will not only expose you to different genres, but hopefully will help you to develop your own writing into a potent and influential work of art. Learn the basics from writing poetry and short stories to screenplays. Students who choose this elective are asked to have a sincere interest in creative writing.
(Prerequisite – “C” average or better in most recent English class, approval of current English Teacher or Department Head)
2.5 CREDITS
WHS Learning Expectation “C” Communicate Information

277 VIETNAM, THE 1960’S AND AMERICAN CULTURE
College Prep
Grades 10 - 12
This cross-disciplinary course will seek to discover the cultural impact of the Vietnam War and its influence on the art, music, literature, and culture of its time, the 1960’s and early 1970’s. Students will be required to read several books whose subject is the Viet Nam Conflict. These will include primary source material, historical monographs and works of fiction. Appropriate film offerings, guest speakers and the study of music will supplement the course which will culminate in a cross-curricular writing assignment in which students will synthesize the information studied and investigate the rifts caused by this “undeclared war”.
(Prerequisite – a grade of no less than B in previous English and History course)
2.5 CREDITS
WHS Learning Expectation “C” Communicate Information
Removed course

8074 8th Grade FINE ARTS
In this term long course students will explore the elements and principles of design using a wide variety of media. Through drawing, painting, sketching, building, and scratchboarding the students will create both 2D and 3D works to represent a range of concepts and ideas. The class will explore art history and other famous art works. They will keep a portfolio and a sketchbook that contains documentation, writings, and sketches to show their progression throughout the term. Students will be evaluated on class participation, assigned work, the quality and uniqueness of the work.
WHS Learning Expectation “R” Respect & Responsibility

1061 FOUNDATIONS IN FINE ARTS
Grade 8-10
In this semester long course students will explore the elements and principles of design using a wide variety of media. Through drawing, painting, sketching, and building, the students will create both 2D and 3D works to represent a range of concepts and ideas. The class will explore art history and other famous art works. They will keep a portfolio and a sketchbook that contains documentation, writings, and sketches to show their progression throughout the term. Students will be evaluated on class participation, assigned work, the quality and uniqueness of the work.
2.5 credits (9th and 10th grade only)
WHS Learning Expectation “R” Respect & Responsibility

1060 FOUNDATIONS IN DIGITAL ARTS
Grade 8-10
This semester long course introduces students to the variety of digital media offered in Art programs at Wareham High School. Students will experiment with Video Production, Graphic Design and Animation techniques. Students will try video editing and design software such as Final Cut Pro and Adobe Photoshop. Students will learn to use filming equipment and a variety of technology throughout this course. This course uses the design cycle to identify a problem (local or global), analyze the problem, identify feasible solutions, and fully develop one solution to the problem.
2.5 credits (9th and 10th grade only)
WHS Learning Expectation “R” Respect & Responsibility

Page 39 – Added sentence to description of course

929 COMPUTER ANIMATIONS
College Prep
Grades 9-12
This course explores the animation of images and ideas using digital animation/ video software, traditional drawing techniques, stop motion, and Claymation. Students will learn how to animate 2D and 3D objects for an audience. Students will learn how to animate gravity, movements, facial expressions and scenery. Students will explore using different Software such as Adobe Flash MX, Final Cut Pro and Audio recording programs. Students will also learn to animate clay and stop motion using photography techniques. Some projects this course will cover: Bouncing a ball, walking/dancing/ flying cycles, fairytale animations, flip-books, developing characters, storyboard writing, set building, sound effects, video editing and stop motion Claymation. This course uses the design cycle to identify a problem (local or global), analyze the problem, identify feasible solutions, and fully develop one solution to the problem.
(Prerequisite Art 1)
2.5 Credits
WHS Learning Expectation “R” Respect & Responsibility

Page 48 – Added new course

1064 LANGUAGE ACQUISITION: French SL (2 Years)
IB
Grades 11-12
The focus of this course will be the continuing development of more sophisticated language skills and acquisition. Skills will emphasize comprehension and communication of language in oral and written form. Interactions will have an expectation of appropriate register and consideration of audience and purpose with fluency. Materials for study will be chosen from a range of written and spoken exercises including everyday conversations, authentic literary texts, social media, and pop culture. Students will be expected to develop their intercultural understanding, comprehend and use the language in various contexts and for
varying purposes, acquire an appreciation of the perspectives of people from other cultures, and have the ability to recognize the relationship between the language and the culture from which it comes. IB French requires a variety of internal and external written and oral assessments which will begin in the junior year and conclude during the senior year. Students will be required to take the IB exam at the end of year 2. Each student is responsible for paying his/her test registration fee. The IB exam may earn a student college credit dependent upon their score and the policy of the college or university. Prerequisite: French 3 or French 2 with teacher recommendation.

10.0 Credits

WHS Learning Expectations “C” Communicate Information

Page 52 - Course name change with no description changes

**1047 MATHEMATICS: APPLICATIONS AND INTERPRETATION (2 years)**  IB Mathematics Study SL 2 years

*IB*

Grade 11-12

IB Mathematical Applications and Interpretation is a two-year course which caters to students who have varied mathematical backgrounds and abilities. The course is designed to build confidence and encourage an appreciation for mathematics for students who do not anticipate a need for higher level mathematics in their future studies. Students taking this course, however, should be already equipped with fundamental skills and a rudimentary knowledge of basic processes. In addition, the course will enable students to develop logical, critical, and creative thinking, employ and refine their powers of abstraction and generalization, develop patience and persistence in problem solving, and appreciate the multiplicity of cultural and historical perspectives of mathematics including the international dimension of mathematics. The course will include content from a traditional Algebra 2 curriculum as well as the content set forth by IB. This course prepares students for the IB Mathematical Studies SL exam. IB Mathematical Studies SL requires a variety of internal and external assessments throughout the two-year course. Students will be required to take the IB exams at the end of the course. Each student is responsible for paying his/her test registration fees. The IB exams may earn a student college credit depending upon their score and the policy of the college or university. Prerequisite: Geometry

5.0 Credits

WHS Learning Expectations “I” Interpret Information

Course name and description change

**1049 MATHEMATICS: ANALYSIS AND APPROACHES (1 year)**  IB Mathematics SL 1 Year

*IB*

Grades 11-12

IB Mathematics Analysis and Approaches is a one-year course which caters to students who anticipate a need for a sound math background in preparation for their future studies. Students must possess knowledge of basic concepts and be equipped with the skills needed to apply mathematical techniques correctly. It is a demanding course since it contains a broad range of math topics. The students most likely to select this subject expect to study subjects which have a significant mathematical content (Engineering, Biology, Chemistry, Economics, Geography, Psychology and Business Administration) or plan to attend a highly selective university requiring calculus. Independence in mathematical learning will occur through the “exploration” component in which students will investigate an area of mathematics. All candidates study: Number and Algebra; Functions and Equations; Circular Functions and Trigonometry; Matrices; Vector Geometry; Statistics and Probability, and both Differential and Integral Calculus. This course prepares students for the IB Analysis and Approaches exam. IB Mathematics Analysis and Approaches requires a variety of internal and external assessments throughout the course. Students will be required to take the IB exam at the end of the course. Each student is responsible for paying his/her test registration fees. The IB exam may earn a student college credit dependent upon his/her score and the policy of the college or university. Students must keep a three-ring binder/notebook. A TI-84 C graphing calculator is strongly recommended. Prerequisite: Algebra 2

5.0 Credits

WHS Learning Expectations “I” Interpret Information

Page 53 – Added new course

**411B CORE MATH 8**

Grade 8

Core Math is an academic support class for each of grades 8-12. Core Math is designed to support students with their present math course, strengthen basic skills and remediate areas of weakness. A major focus of the course will be to assist students with mathematics instruction for standardized tests. This course does not fulfill the 3-year math requirement for graduation. Students are required to keep a three-ring binder/notebook, complete assigned work, and take periodic tests and exams.
Page 54

<table>
<thead>
<tr>
<th>Grade</th>
<th>College</th>
<th>Honors</th>
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<tbody>
<tr>
<td>8</td>
<td>*8030 8th Grade Science</td>
<td>*541 Intro to Physical World/Lab, Honors</td>
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<td>9</td>
<td>*539 Intro to the Physical World/Lab, CP</td>
<td>*541 Intro to Physical World/Lab, Honors</td>
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<td>*526 Biology, Honors</td>
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<td>*536 Chemistry, Honors</td>
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<td>*525 General Biology (Applied)</td>
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<td></td>
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<td>*589 Computer Science Principles/CSP</td>
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</tbody>
</table>

Courses removed

544 PHYSICS

College Prep

Grades 10 - 12

Students will study the physics of the world around them from a conceptual viewpoint. Use of math in this class is at a basic level and includes some equations and graphing. The emphasis of the course will focus on the laws of physics as they act upon our world, explained through experimentation and instruction.

(Prerequisites – Successful completion of Algebra I and Geometry)

5.0 CREDITS

WHS Learning Expectation “I” Interpret Information

546 PHYSICS

Honors

Grades 11 - 12

This course is a philosophical and laboratory approach to the study of physics. Students will study mechanics, waves, motion, sound, optics, and electricity. Students are required to submit laboratory reports, take periodic tests, and complete mid-semester and final examinations.
Removed Course

8077  8th Grade STEM:
Grade 8
This term length Grade 8 elective course is part of the 8th grade exploratory series of rotating courses designed to maximize students’ exposure to a range of high school tracks in technology, the arts, and business. It will students the knowledge and skills that are important to design and manufacturing technology. It reviews state standards in technology and engineering tested by the MCAS science and technology exam taken in the spring. Students will learn the basics of technical drawing, initially by hand then via industry recognized CAD software. Student will design and test, then revise their work based upon product fail tests. Finally, students will take their own technical design plans and manufacture their work in the school’s fully-equipped woodworking studio.
1 TERM
WHS Learning Expectations “R” Respect & Responsibility

Page 57 – Added sentence to course

536 CHEMISTRY
Honors
Grades 10 - 11
This course covers all topics presented in Chemistry 534. In addition, enrichment topics that prepare a student for the AP Chemistry course will be covered. (Prerequisites – Successful completion of Biology Honors and Concurrent or successful completion of two years of HS Math, passing score on science MCAS, or instructor permission). Students will be required to do summer/evening work.
5.0 CREDITS
WHS Learning Expectation “I” Interpret Information

Page 59 - Changed grade level to 8-10 from 9-10

523 INTRO TO COMPUTER SCIENCE
Grade 8-10
This semester long introductory course will focus on learning how computers work and problem solving by learning how to program. Students will use command line programming with Python and work towards building an app for the smartphone. This elective course serves as an all-purpose introduction to computer science for 8th - 10th grade students and will prepare students for yearlong comprehensive course work in high school.
WHS Learning Expectation “I” Interpret Information

Page 60 New Course added

#### CYBERSECURITY II
Honors
Grades 11-12
This course extends on cybersecurity concepts by extending beyond personal cybersecurity and that of small local networks to focus on broader system security. Students will learn collaboratively to analyze and improve system security. The course also periodically requires students to critique the work of and mentor Cybersecurity I students.
(Prerequisites: Grade 11-12)
2.5 CREDITS
WHS Learning Expectation “I” Interpret Information

Page 61 - Added to description and changed grade level to course

S816 CAD I, TECHNICAL DRAWING
College Prep
Grade 9-10
This course introduces students to the tools, materials, principles and techniques used by professionals to produce blueprints and other line drawings for the manufacturing and construction trades. Students will use drafting tools to create single view, three-
view and pictorial drawings. Students will use drafting tools and techniques to solve geometric problems without calculations. Students will also gain experience using the engineering design process. This course is great for students interested in architecture and engineering, and is a great complement for the geometry student. This course uses the design cycle to identify a problem (local or global) analyze the problem, identify feasible solutions, and fully develop one solution to the problem. **Who Are Successful in This Course are Prepared for college level CAD coursework in preparation for professional certification**

New Courses added

**1038 ELECTRIC AUTOMOTIVE SYSTEMS LAB**
*College Prep*
Grade 11-12
Students will collaboratively build a functioning electric car. This course introduces students to the materials, principles and systems that function together in electric vehicles. Students will first learn to interpret detailed design schematics for the car’s structure and electrical systems. Students will then learn the essential vehicle systems from AC circuits and motors to battery systems management and everything in between. Students will also learn to conduct environmental impact studies as they relate to electric vehicles as well as everything that is required by Federal Vehicle Safety Standards to safely get their vehicle -- code name: “Sparkicus” -- safely out of the lab and onto the road. Students who are successful in this course are prepared for additional coursework in Electronics, Automobile Design, Engineering, and Computer Aided Drafting (CAD).
2.5 CREDITS
WHS Learning Expectations “R” Respect and Responsibility

**1039 INTRODUCTION TO GAME DESIGN**
*College Prep*
Grades 10-12
Grade 10-12
This course begins by breaking down the design process step by step. Students first learn the fundamentals of games through play, analysis, strategy, and deconstruction. Then students will make modifications to studied games before later, prototyping a variety of games. The course will culminate in students designing, testing, and refining their own game. Students will have the option of learning Unity to refine and modify two dimensional (2D) games. Throughout the semester, students will create a number of basic games by working independently and part of different collaborative teams. Students who are successful in this course are and complete 5.0 credits in computer science are prepared for additional coursework in Game Design.
2.5 CREDITS
WHS Learning Expectations “I” Interpret Information

Page 62 – Added new course

**GAME DESIGN II**
*College Prep*
Grade 11-12
Game Design 2 focuses more fully on computer game design. It combines concepts from Introduction to Game Design any full year course in Computer Science. The course reviews then applies college-level programming concepts by building 2D games. Students will use Unity (or similar), a language sufficient to build skills transferable to many other programming languages from Python to C++. Students must apply their prior CS and game design experience to modify existing games, and design a new game.
2.5 CREDITS
WHS Learning Expectations “I” Interpret Information

Added sentence to description

**801 WOODWORKING I:**
*College Prep*
Grades 9-10
This course will give 9th or 10th grade students the knowledge and skills that are important to manufacturing technology. In groups, Students will manufacture a wooden product using manufacturing systems of mass production as well as custom production. Multi-view drawings, mock-ups and prototypes will be utilized in the manufacturing process. Proper material and tool selection as well as machine safety will also be covered. This course is designed to address Technology/Engineering standards on the areas of Materials, tools, and machines, Engineering design, and Manufacturing. This course uses the design cycle to identify a problem (local or global), analyze the problem, identify feasible solutions, and develop on solution to the problem.
2.5 CREDITS
1062 GLOBAL POLITICS HL
IB-DP
Global Politics is a two year Higher Level course that will explore political concepts such as power, equality, sustainability and peace in a range of contexts. This course will allow students to develop an understanding of the local, national, international and global dimensions of political activity and processes, as well as to explore political issues affecting their own lives. The core units of the course together make up a central unifying theme of “people, power and politics”. Throughout the course, issues such as conflict, migration or climate change are explored through an explicitly political lens. Students will be required to take the IB exam at the end of the course. The IB exam may earn a student college credit dependent upon his/her score and the policy of the college or university.
5.0 Credits
WHS Learning Expectations “A” Acquire Information

Page 66 - Revised 8th grade Social Studies course – state has changed the standards

8020 8th Grade SOCIAL STUDIES
Students will explore the rise of major trends in the early modern era including the development and spread of the major religions, systems of government and social customs associated with this period. This course provides a strong background in preparation for 9th grade World History which picks up at the Age of Enlightenment.
WHS Expectation “A” Acquire Information

1063 UNITED STATES, MASSACHUSETTS GOVERNMENT AND CIVIC LIFE
Grade 8
In this course, students will learn about the origins and foundations of our state and federal systems of government and how they have evolved over time. The course will also focus on the important role individual citizens play in a democracy, a role students will actively assume as they participate in the state-mandated 8th grade civics project that will be embedded in this course. Upon completing this course, students will be able to explain the various institutions of the United States and Massachusetts state governments, how the Bill of Rights applies to individuals on both the state and federal level and how one can be a more responsible, productive citizen of the United States and our home state.
5.0 Credits
WHS Learning Expectations “A” Acquire Information

Edgenutiy Changes

Added Skills and Seniors Only to the following courses

Nursing Assistant Skills I (EL3610) Seniors Only
Nursing Assistant Skills II (EL3610) Seniors Only
Nursing Assistant Skills (EL 3610) Seniors Only
Medical Terminology Skills (EL3620) Senior Only
Pharmacy Technician Skills (EL3630) Seniors Only
Pharmacy Technician Skills I (EL3630) Seniors Only
Pharmacy Technician Skills II (EL3630) Seniors Only
Added courses

**Introduction to Communications and Speech (LA1097)**
Credits: 2.5

**Course Description:**
Beginning with an introduction that builds student understanding of the elements, principles, and characteristics of human communication, this course offers fascinating insight into verbal and nonverbal messages and cultural and gender differences in the areas of listening and responding. High school students enrolled in this one-semester course will be guided through engaging lectures and interactive activities, exploring themes of self-awareness and perception in communication. The course concludes with units on informative and persuasive speeches, and students are given the opportunity to critique and analyze speeches.

**MATHEMATICS & SCIENCE**

**Financial Math (MA2007)**
Credits: 2.5

**Course Description:**
Connecting practical mathematical concepts to personal and business settings, this course offers informative and highly useful lessons that challenge students to gain a deeper understanding of financial math. Relevant, project-based learning activities cover stimulating topics such as personal financial planning, budgeting and wise spending, banking, paying taxes, the importance of insurance, long-term investing, buying a house, consumer loans, economic principles, traveling abroad, starting a business, and analyzing business data. Offered as a two-semester course for high school students, this course encourages mastery of math skill sets, including percentages, proportions, data analysis, linear systems, and exponential functions.