

REMSSEN

Junior/Senior High School



2024-2025

Course Selection Guide

Year A

Revised: 3/7/24

Note to students and parents:

Although it is the intent of the REMSEN Central School District to offer all of the courses described in the course catalog, changes may occur due to a variety of reasons including insufficient enrollment, scheduling issues, and budget constraints.

School Contact Information

JR/SR High School

315 205-4300

Fax. 315 831-4283

- Sanya Pelrah, Principal ext. 5210**
- Fay Harper, Special Education Student Services & CSE Chair ext. 4226/5237**
- Kathleen Nebush, Jr/Sr High School Counselor ext. 5212**
- Robin Hajdasz, Counseling Assistant ext. 5213**

Title IX

The REMSEN Central School District hereby advises students, parents, employees and the general public that it offers employment and educational opportunities, without regard to sex, race, color, national origin or handicap. Grievance procedures are available to interested persons by contacting the person(s) listed below. Please direct inquiries regarding this nondiscrimination policy to: Title IX/Section 504 Coordinator, Sex/Handicap Discrimination, Timothy Jenny, Superintendent of Schools, PO BOX 406, Remsen, NY 13438

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High School Faculty & Staff Directory

Administration:

STAFF MEMBER	TITLE	EXTENSION	EMAIL ADDRESS
Timothy Jenny	Superintendent of Schools	4224	tjenny@remsencsd.org
Sanya Pelrah	Jr./Sr. High School Principal	5210	spelrah@remsencsd.org
John McKeown	Assistant Superintendent for Business	4222	jmckeown@remsencsd.org
Fay Harper	CSE Chairperson/School Psychologist	4228/5237	fharper@remsencsd.org
Dale Dening	Athletic Director/Physical Education	5112	ddenning@remsencsd.org
Kevin Roberts	Facilities Supervisor	5229	kroberts@remsencsd.org

Teacher and Support Staff:

STAFF MEMBER	TITLE/SUBJECT	EXTENSION	EMAIL ADDRESS
Laura Boyd	French	5314	lboyd@remsencsd.org
Nicole Nehme	Social Studies	5204	nnehme@remsencsd.org
John Bunker	Social Studies	5302	jbunker@remsencsd.org
Nicholas Byrne	Special Education	5313	nbyrne@remsencsd.org
Lauren Carpenter	Math	5301	lcarpenter@remsencsd.org
Julia Cooper	English	5209	jcooper@remsencsd.org
Kelly Countryman	Teachers Assistant		kcountryman@remsencsd.org
Anthony Dangler	Music	5115	adangler@remsencsd.org
Dale Dening	Physical Education	5112	ddenning@remsencsd.org
Jamie Dening	Special Education	5304	jdening@remsencsd.org
Richard Gallo	Science	5311	rgallo@remsencsd.org
John Glass	Math/Science	5203	jglass@remsencsd.org
Joseph Griswold	Custodian		jgriswold@remsencsd.org
Nina Griswold	Teachers Assistant		ngriswold@remsencsd.org
Robin Hajdasz	Counseling Assistant	5213	rhajdasz@remsencsd.org
Melissa Polidori	High School Nurse	5206	mpolidori@remsencsd.org
Emily Inman	English	5317	einman@remsencsd.org
Rayne Ives	Agriculture	5217	rives@remsencsd.org
Michelle Izzo	Spanish	5316	mizzo@remsencsd.org
Mary Jane Keener	Math	5226	mchambers@remsencsd.org
Emily Laurey	School Social Worker	4226/5200	elaurey@remsencsd.org
Keith Mottley	Information Technology	5305	kmottley@remsencsd.org
Erin Muzio	Special Education	5308	emuzio@remsencsd.org
Sheila Martin	Social Studies	5228	smartin@remsencsd.org
Kathleen Nebush	School Counselor	5212	knebush@remsencsd.org
Melissa Obernesser	Family Consumer Science	5214	mobernesser@remsencsd.org
Dan O'Bryan	Science	5309	dobryan@remsencsd.org
Robin Polovick	Cafeteria	5221	rpolovick@remsencsd.org
Anne Reilly	Library	4220/5225	areilly@remsencsd.org
Kyle Smith	Art	4443/5117	jrichard@remsencsd.org
Carlleen Taylor	English	5227	ctaylor@remsencsd.org
Faith Kinsella	Testing Center	5314	fkinsella@remsencsd.org

Planning Your Courses

We believe that parents and students should work closely with teachers and school counselors in considering the various subjects and programs that are available. The following guidelines will help you plan a successful program:

- Establish personal goals. Even though your plans may change, you should have some general educational, occupational and personal objectives.
- Honestly evaluate your strengths, interests, aptitudes and needs.
- Learn the requirements for entrance to the college or program of your choice or to the career area you plan to pursue after graduation.
- During your junior academic year, visit the colleges or career resources of interest to you.
- Consult your parents, talk with your teachers and consult with your school counselor in order to benefit from their experiences. Talk and visit with citizens of the community who are currently working in the professions that you find most interesting.
- Select the subjects that will contribute MOST toward helping you achieve your goals.

NCAA Eligibility Information

The National Collegiate Athletic Association (NCAA) has strict academic eligibility requirements. If you are considering playing sports in college at the Division 1 or Division 2 level, it is highly recommended that students and parents refer to the NCAA Clearinghouse website, www.eligibilitycenter.org, for important information.

Counseling Services

The counselor is available for individual and group meetings, as well as class room presentations, with students to discuss school programs and planning.

Students need to determine what programs and schools best fit their interests and aptitudes. The Counseling Center also provides information on web-based career and college planning resources as well as traditional print and media tools.

When you are having difficulty

Students may need study skills help or information on tutoring or special services that are available to REMSEN students. Our counselor, teachers and supervisors are available to help you evaluate a particular course and its level of difficulty in relation to your ability.

Grouping

In some of our subject areas, levels of instruction have been established to appropriately challenge the academic ability of students. Information regarding student placement for a course may be found in the text of the course description. This information is to serve as a guideline for parents, teachers and students. Parents are encouraged to consult with the school counselor if there are questions about student placement.

Advanced Placement (AP) courses include highly motivated and skilled students in grades 11-12 who take College Board approved AP courses.

All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examination for each course. To sign up for the AP exam, students must pay the required fee set by the College Board on or before the test date. Checks should be made payable to the REMSEN Central School District, and must be turned in to the Counseling Office.

Mohawk Valley Community College (MVCC)/SUNY Cobleskill dual credit college level courses are offered for college credit to interested and skilled students.

Transcripts are available through MVCC or SUNY Cobleskill.

Additional Opportunities

Graduation Acceleration

Some students meet graduation requirements in fewer than the usual four years. Plans for early graduation should be discussed with your counselor and principal during 3rd quarter of the sophomore year to explore what is required and future plans.

Oneida-Madison-Herkimer BOCES

Juniors and/or seniors may enroll at the Career and Technical Education (CTE) School for career and technical courses upon successful completion of all grade 9 and 10 coursework.

Auditing Classes

Students may choose to audit classes if seats are available with the permission of the teacher, supervisor, administration and their parents.

Foreign Exchange Programs

REMSEN Central School District is supportive of students who are interested in being involved in foreign exchange programs. Students should research the requirements for the foreign exchange program they are interested in and inform their school counselor to begin planning for the program their sophomore year or earlier.

Academic Intervention Services (AIS)

The Academic Intervention Services (AIS) Plan has been developed by the REMSEN Central School District consistent with Part 100 of the Commissioner's Regulation, adopted by the Board of Regents in July 1999 (Appendix A). Section 100.1(g) defines AIS as follows:

Academic intervention services are intended to assist students who are at risk of not achieving the State learning standards in English language arts, mathematics, social studies and science, or at risk of not gaining the knowledge and skills needed to meet or exceed designated performance levels on State assessments.

Pupil Personnel Services

REMSEN Central School provides student services and has a Special Education Department that offers a variety of programs and services as mandated by the New York State Department of Education which includes the following areas: occupational therapy, physical therapy, psychological services, social work services and counseling, as well as speech and language therapy. These services are available to students experiencing academic and/or school adjustment difficulties. These services are not intended to replace supports from a community agency or private practitioner services needed for clinical diagnosis and/or long term counseling. Special Education instruction is provided in a range from Consultant Teacher Services/ Co-Teaching to Self-contained Special Education Classroom Instruction for students qualifying for such services.

Referrals to Student Services and Special Education are made through each building's School Based Instructional Support Team. Parents who are concerned about their child's school progress are encouraged to contact their child's teacher.

More information regarding the Instructional Support Team and/or Committee on Special Education can be obtained by calling Fay Harper, School Psychologist and Committee on Special Education Chairperson/ Committee on Preschool Special Education Chairperson at (315) 205-4300.

Concepts in Special Education

Special education is specially designed individualized or group instruction or special services or programs provided to a student with a disability (SWD) as determined by the Committee on Special Education (CSE).

Individualized Education Program

Individualized education program (IEP) means a written statement, developed, reviewed and revised in accordance with section 200.4 of the Regulations of the Commissioner, for purposes of meeting the unique educational needs of a student with a disability.

Least Restrictive Environment

Least restrictive environment (LRE) means that placement of students with disabilities in special classes, separate schools or other removal from the regular educational environment occurs only when the nature or severity of the disability is such that even with the use of supplementary aids and services, education cannot be satisfactorily achieved.

The placement of a student with a disability in the least restrictive environment shall:

- Provide the special education needed by the student;
- Provide for education of the student to the maximum extent appropriate to the needs of the student with other students who do not have disabilities; and
- Be as close as possible to the student's home.

Student with a Disability

Student with a disability means a student with a disability as defined in section 4401(1) of Education Law, who has not attained the age of 21 prior to September 1 and who is entitled to attend public schools pursuant to section 3202 of the Education Law and who, because of mental, physical or emotional reasons, has been identified as having a disability and who requires special services and programs approved by the Committee on Special Education(CSE).

Continuum of Services

Students with disabilities shall be provided special education in the least restrictive environment, as defined in section 200.1 (cc) of the commissioner's regulations. To enable students with disabilities to be educated with nondisabled students to the maximum extent appropriate, specially designed instruction and supplementary services may be provided in the regular class. Such services may include, but are not limited to, consultant teacher services and other group or individual supplemental or direct special education instruction.

Individuals with Disability Education Act (IDEA)

The Individuals with Disabilities Education Act (IDEA) is the federal law that secures special education services for children with disabilities from birth through high school graduation (up to age 21).

Section 504

Section 504 is a civil rights law that prohibits discrimination against individuals with disabilities. Section 504 ensures that a student with a disability has equal access to an education. After a student is determined as eligible for supports under Section 504, a multidisciplinary team creates an Accommodation Plan to support his or her needs.

Related Services

Related services shall only be recommended by the committee on special education to meet specific needs of a student with a disability and include but are not limited to speech/language therapy, occupational therapy, physical therapy, social work, teacher of the deaf and/or teacher of the visually impaired. The frequency, duration and location of each service shall be indicated in the student IEP. A student with a disability may be provided with more than one service in accordance with the needs of the student. Related services may be provided in conjunction with a regular education program or with other special education programs and services.

School Social Work

The School social worker provides counseling to students with disabilities as well as nondisabled students. This service also provides classroom consultation, crisis intervention, and referrals to outside agencies. School social workers are often part of the assessment process for special education students. School social workers consult with teachers and administrators and participate on educational teams within our schools.

New York State Diploma Requirements Applicable to All Students Enrolled in Grades 9-12

Credit Requirements

(Apply to all diploma types: local, Regents, Regents with advanced designation)

	Minimum number of credits
English	4
Social Studies <i>Distributed as follows:</i> <i>U.S. History (1)</i> <i>Global History and Geography (2)</i> <i>Participation in Government (½)</i> <i>Economics (½)</i>	4
Science <i>Distributed as follows:</i> <i>Life Science (1)</i> <i>Physical Science (1)</i> <i>Life Science or Physical Science (1)</i>	3
Mathematics	3
World Languages	1 (**)
Visual Art, Music, Dance, and/or Theater	1
Physical Education <i>(participation each semester)</i>	2
Health	½
Electives	3 ½
Total	22

(**) Students with a disability may be excused from the requirement for 1 unit of credit in World Languages if so indicated on their IEP, but they must still earn 22 units of credit to graduate.

1.) Pathways

A student must either:

- earn the Seal of Civic Readiness; or
- pass an additional Regents Exam or Department Approved Alternative in a different course (English, mathematics, science, or social studies); or
- pass a Department Approved Pathway Assessment (Arts, CDOS, World Languages); or
- successfully complete a NYSED-approved CTE program, including the associated 3-part technical assessment; or
- successfully complete all the requirements for earning the CDOS Commencement Credential.

Beginning in fall 2022, a select number of NYS schools will pilot the Individual Arts Assessment Pathway (IAAP). Reference Multiple Pathways and Department Approved Alternative Examinations.

2.) Traditional Appeals

All appeals are subject to local district approval. Reference: Appeals, Safety Nets, and Superintendent Determination

3.) Special Endorsements

Honors: A student earns a computed average of at least 90 on the Regents Exams applicable to either a Regents diploma or a Regents diploma with advanced designation. No more than 2 Department approved alternatives can be substituted for Regents Exams. The locally developed Checkpoint B examination in World Languages is not included in the calculation.

Mastery in Math and/or Science: A student meets all the requirements for a Regents diploma with advanced designation AND earns a score of 85 or better on 3 math Regents Exams and/or 3 science Regents Exams.

Technical Endorsement: A student meets the requirements for either a local diploma, a Regents diploma or a Regents diploma with advanced designation AND successfully completes a Department approved CTE program including the 3-part technical assessment.

Seal of Biliteracy: A student meets the criteria for earning the NYS Seal of Biliteracy.

Seal of Civic Readiness: A student meets the criteria for earning the NYS Seal of Civic Readiness.

Reference the Endorsements and Seals webpage or NYS Diploma/Credential Requirements for additional information related to awarding special endorsements to students with exam exemptions due to COVID-19.

4.) World Languages Exemption

Students with a disability may be excused from the required units of credit in World Languages if so indicated on their IEP, but they must still earn 22 units of credit to graduate. Such student who seeks a Regents diploma with advanced designation does NOT have to complete the 5-unit sequence in the Arts or CTE in lieu of the sequence in World Languages in order to meet the assessment requirements for the advanced diploma.

5.) Superintendent Determination of a Local Diploma

Students with a disability who are unable to attain a local diploma through the various safety net provisions may be eligible for a Superintendent Determination of a local diploma under certain conditions. Reference: Appeals, Safety Nets, and Superintendent Determination

6.) Flexibilities due to the COVID-19 Public Health Emergency

Exemptions: Students granted an exemption from any exam due to COVID-19 are not required to pass such specific exam to meet the assessment requirements for any diploma type. Reference the following FAQs: June/August 2020, January 2021, June/August 2021, and January 2022

Special Appeals: Eligible students may use lower scores (50-64) on Regents Exams taken during the 2021-22 or 2022-23 school year to meet the assessment requirements for any diploma type. Reference: Special Appeals Memo and FAQ.

Special Determination: Students who are scheduled to graduate in **June 2022** and either do not qualify for a Special Appeal or who are unable to participate in one or more required Regents Exam(s) because of illness, including isolation restrictions due to COVID, may request a Special Determination to Graduate with a Local Diploma in June 2022.

7.) Exemptions from the Regents Exam in US History and Government (Framework)

Eligible students shall be granted an exemption from the June 2022, August 2022, or January 2023 Regents Exam in US History and Government (Framework). Reference: FAQ on Cancellation of Regents Exam in US History and Government (Framework)

Assessment Requirements

REGENTS EXAM or passing score on a Department approved alternative	Regents Diploma for All Students		Regents Diploma via Appeal for All Students		Local Diploma via Appeal for All Students		Local Diploma for Students with a Disability		Local Diploma via Appeal for English Language Learners	
	# of Exams	Passing Score	# of Exams	Passing Score	# of Exams	Passing Score	# of Exams	Passing Score	# of Exams	Passing Score
English Language Arts (ELA)	1	65 [†]	1	1 Regents exam with a score of 60-64 for which an appeal has been granted by the district and all remaining Regents exams with a score of 65 [†] or above	1	2 Regents exams with a score of 60-64 for which appeals have been granted by the district and all remaining Regents exams with a score of 65 [†] or above	1	55 ^{*A}	1	Either the ELA Regents exam with a score of 55-59 for which an appeal has been granted by the district, and all remaining Regents exams with a score of 65 [†] or above, OR 1 Regents exam with a score of 60-64 and the ELA Regents with a score of 55-59 for which appeals have been granted for both by the district, and the remaining Regents exams with a score of 65 [†] or above [†]
Math	1	65 [†]	1		1		1	55 ^{*A}	1	
Science	1	65 [†]	1							
Social Studies	1	65 [†]	1							
Pathway (See note 1 on reverse side)	1 or CDOS	65 [†] if Regents Exam	1 or CDOS		1 or CDOS		55 ^{*A} if Regents Exam	1 or CDOS	1 or CDOS	
Compensatory Safety Net		Non-Applicable		Non-Applicable		Non-Applicable				Non-Applicable

Regents Diploma with Advanced Designation

Students seeking the Regents diploma with advanced designation must:	Assessment Combinations for Advanced Designation								
<ul style="list-style-type: none"> • Meet the credit and assessment requirements for a Regents diploma; and • Pass two additional Regents exams or Department approved alternatives in mathematics; and • Pass one additional Regents exam or Department approved alternative in science <ul style="list-style-type: none"> ○ students seeking advanced designation must pass at least one Regents exam or Department approved alternative in both sciences (one life and one physical); and • Complete a sequence: <ul style="list-style-type: none"> ○ earn an additional 2 units of credit in World Languages and pass a locally developed Checkpoint B World Languages examination, or ○ complete a 5 unit sequence in the Arts, or ○ complete a 5 unit sequence in CTE. 	<table border="1"> <tr> <td>Traditional Combination</td> <td>ELA, Global History and Geography, US History and Government, 3 mathematics, 2 science (1 life science, 1 physical science) = 8 assessments</td> </tr> <tr> <td>Pathway Combination (other than STEM)</td> <td>ELA, 1 social studies, 3 math, 2 science (1 life science, 1 physical science), 1 Pathway (other than science or math) = 7 (+Pathway) or 8 assessments.</td> </tr> <tr> <td>STEM (Mathematics) Pathway Combination</td> <td>ELA, 1 social studies, 4 math[‡], 2 science (1 life science, 1 physical science) = 8 assessments.</td> </tr> <tr> <td>STEM (Science) Pathway Combination</td> <td>ELA, 1 social studies, 3 math, 3 science (at least 1 life science, at least 1 physical science) = 8 assessments.</td> </tr> </table>	Traditional Combination	ELA, Global History and Geography, US History and Government, 3 mathematics, 2 science (1 life science, 1 physical science) = 8 assessments	Pathway Combination (other than STEM)	ELA, 1 social studies, 3 math, 2 science (1 life science, 1 physical science), 1 Pathway (other than science or math) = 7 (+Pathway) or 8 assessments.	STEM (Mathematics) Pathway Combination	ELA, 1 social studies, 4 math [‡] , 2 science (1 life science, 1 physical science) = 8 assessments.	STEM (Science) Pathway Combination	ELA, 1 social studies, 3 math, 3 science (at least 1 life science, at least 1 physical science) = 8 assessments.
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* A student with a disability may appeal scores between 52 and 54 on up to two Regents examinations in any discipline and graduate with the local diploma. Reference [New York State Diploma/Credential Requirements](#): Local diploma for Students with Disabilities.

^A In the event a student with a disability is unable to attain a passing score on any Regents examination, the student may be eligible for a Superintendent Determination of a local diploma. Reference [Appeals_Safety Nets](#), and [Superintendent Determination](#).

[†] English Language Learners seeking an appeal for a score of 55-59 on the ELA Regents Exam are only eligible if they entered the United States in grade 9 or after and were classified as an English Language Learner when they took the second time. Reference [New York State Diploma/Credential Requirements](#): Local diploma for English Language Learners.

[‡] The 4th mathematics examination can be selected from the list of [Department Approved Alternative Examinations](#).

[†] For the purposes of determining a student's diploma type, exemptions and Special Appeals should be considered passing scores. Both exemptions and [Special Appeals](#) may be applied to all diploma types.

Career and Technical Education Certificate & Technical Endorsement

Students who pass a Career and Technical Education (CTE) state approved program, either at REMSEN Central School or at BOCES, will receive a CTE program certificate and an employability profile. CTE students who have earned a CTE certificate as well as a Local, Regents, or Advanced Regents diploma, and pass the CTE technical assessment may also be eligible for a Technical Endorsement stamp on their diploma.

Diploma/Non-diploma High School Exiting Credentials

Career Development and Occupational Studies Commencement Credential

Students are eligible to earn the NYS CDOS Commencement Credential, recognized by the NYS Board of Regents as a certificate, that indicates the student has the knowledge and skills necessary for entry level employment. This credential may be a supplement to a regular diploma or may be awarded as the student's exiting credential for students with disabilities provided the student has attended school for not less than 12 years, excluding Kindergarten.

OPTION 1:

- The student must have developed a Career Plan that includes documentation of the student's self-identified career interests; career-related strengths and needs; career goals; and career and technical coursework and work-based learning experiences that the student plans to engage in to achieve those goals; and
- The student must have demonstrated achievement of the commencement level CDOS learning standards in the areas of career exploration and development; integrated learning; and universal foundation skills; and
- The student must have successfully completed at least 216 hours of CTE coursework and/or work-based learning experiences (of which at least 54 hours must be in work-based learning experiences); and
- The student must have at least one completed employability profile that documents the student's employability skills and experiences; attainment of each of the commencement level CDOS learning standards; and, as appropriate, attainment of technical knowledge and work-related skills, work experiences, performance on industry-based assessments and other work-related and academic achievements.

OR

OPTION 2:

In lieu of a student meeting the requirements of option 1 to be awarded the NYS CDOS Commencement Credential, a district may award a student this credential if the student has met the requirements for one of the nationally recognized work readiness credentials, including but not limited to:

- National Work Readiness Credential;
- SkillsUSA Work Force Ready Employability Assessment;
- National Career Readiness Certificate WorkKeys - (ACT); and
- Comprehensive Adult Student Assessment Systems Workforce Skills Certification System.

Non-diploma High School Exiting Credentials

Skills and Achievement Credential

The Skills and Achievement Commencement Credential is available to students with severe disabilities that are assessed using the NYS Alternate Assessment (NYSAA). All students with severe disabilities who attend school for not less than 12 years, excluding Kindergarten exit with this credential which must be accompanied by documentation of the student's skills and strengths and levels of independence in academic, career development and foundation skills needed for post-school living, learning and working.

Program Planning Guide

Program: Six Credit Minimum

Students are required to carry a minimum of six class credits per year in high school. If a course conflict arises, then classes required by New York State for graduation will override an elective. Other conflicts will be discussed between the student and the counselor. Students will be scheduled for electives by the counseling office if they do not meet the six class credit requirement. If there is not class available during a specific period then a study hall will be scheduled. Students with an IEP or 504 Plan will have flexibility regarding the six credit minimum due to their individualized support needs.

Course Changes

The selection of courses entails a very careful and thorough decision-making process. Students will have the opportunity to request schedule changes through the School Counselor. The Counseling Department will adjust for errors, under-enrolled classes, conflicts and make necessary changes.

Students interested in dropping a course must see their counselor **within the first two weeks of the beginning of the course**. Special circumstances will be reviewed by the counselor, teacher, principal, and signed off by a parent on the drop/change class request form. Students will need to obtain the drop/change request form to initiate the process.

Under Enrolled Courses

The Board of Education will review under enrolled courses. The review will be done in the spring and may lead to the deletion of a course. *The listing of a course at the time of student enrollment is not a guarantee that it will be taught the following year.* It is our goal to provide students with a complete scope of departmental courses from introductory to more advanced courses.

Junior High Program Planning Guide

COURSE SELECTION SUMMARY

The New York State Education Department requires certain courses to be completed by each student by the end of the 8th grade. They are.

- | | |
|---|---|
| <ul style="list-style-type: none"> English (2 units of study) Mathematics (2 units of study) Science (2 units of study) Social Studies (2 units of study) Career & Technical Education (1.75 units of study) Library and Information Skills (1 period per week) | <ul style="list-style-type: none"> Art (0.5 units of study) Music (0.5 units of study) Health (0.5 units of study) Career Development & Occupational Studies (CDOS)* Physical Education (1.0 units of study) World Languages (1.0 units of study) |
|---|---|

*Integrated into 8th Grade Home and Careers

Junior High Course Schedule

7 th Grade		8 th Grade	
English 7	1 year	English 8	1 year
Science 7	1 year	Science 8	1 year
Math 7	1 year	Math 8	1 year
Social Studies 7	1 year	Social Studies 8	1 year
World Languages 1A	1 year	World Languages 1B	1 year
Art 7	¼ year	Art 8	¼ year
Technology 7	¼ year	Technology 8	¼ year
Computer 7	¼ year	AG 8	¼ year
AG 7	¼ year	Home & Career 8	¼ year
Home & Career 7	¼ year	JH Health	½ year
WIN (What I Need)	¾ year	Physical Education 8	½ year
Physical Education 7	½ year	JHChorus/JH Band	½ year
JHChorus/JH Band	½ year	Math Lab 8 (if needed)	1-3x per week
Math Lab 7 (if needed)	1-3x per week	ELA/SS AIS (if needed)	1-3x per week
ELA/SS AIS (if needed)	1-3x per week		

**REMSEN HIGH SCHOOL
ACADEMIC PLAN**

STUDENT: _____

Y.O.G.: _____

Graduation Requirements

Courses:	Credit:	✓
English 9	1.0	
English 10	1.0	
English 11	1.0	
English 12	1.0	
Global 9	1.0	
Global 10	1.0	
US History	1.0	
Economics	0.5	
Government	0.5	
Science	1.0	
Science	1.0	
Science	1.0	
Math	1.0	
Math	1.0	
Math	1.0	
LOTE	1.0	
Health	0.5	
Fine Arts	1.0	
PE 9	0.5	
PE 10	0.5	
PE 11	0.5	
PE 12	0.5	
Elective	1.0	
Elective	1.0	
Elective	1.0	
Elective	0.5	
TOTAL:	22.0	

Diploma: _____

Regents Exams & Pathway

ELA	
Math	
Science	
Social Studies	
PATHWAY	
Additional Exams:	

GRADE 9

SUBJECT	COURSES	CREDIT	EXAM
English			
Social Studies			
Math			
Science			
LOTE			
PE			
Art/Music			
Elective(s)			

GRADE 10

SUBJECT	COURSES	CREDIT	EXAM
English			
Social Studies			
Math			
Science			
LOTE			
PE			
Health			
Elective(s)			

GRADE 11

SUBJECT	COURSES	CREDIT	EXAM
English			
Social Studies			
Math			
Science			
LOTE			
PE			
Elective(s)			

GRADE 12

SUBJECT	COURSES	CREDIT	EXAM
English			
Social Studies			
Math			
Science			
LOTE			
PE			
Elective(s)			

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Career & Technical Education at REMSEN Central School

The Career and Technical Education programs at REMSEN Central School provide students with the opportunity to earn college credit while pursuing their interest in a career field of their choice. REMSEN’s CTE programs integrate rigorous academics with relevant career and technical skills. Students participating in CTE programs develop work place competencies and employability skills while participating in interactive learning activities, internship opportunities and real world experiences.

The following pathways have been organized to offer students a sequence of courses that can be taken within a specific career path. Please note that **ALL** courses, whether part of a pathway or not, are open to **ALL** students.

CTE Core Courses Required for All Programs

College & Career Readiness (.5)



Career & Financial Management (.5)



Internship



CTE Program Specific Courses

Agriculture Pathway	Human Development Pathway
<u>Core Courses—3 credits</u>	<u>Core Courses—3 credits</u>
Intro. to Ag, Food & Natural Resources (.5)	Child Development (1)
Agriculture Business Foundations (.5)	Food and Nutrition for Life (1)
Plant Science (1)	Human Development (1)
Animal Science (1)	

Work-based Learning Programs

Students attending REMSEN Central High School have the opportunity to earn course credit for having a job or for volunteering in school or in the community. Internship opportunities are a privilege and the requirements to participate in the Work-based Learning Programs are stringent. Students must follow an application process and must adhere to strict internship policies. The program is an independent study program and, in some cases, will require that the student provide their own transportation.

Not all internships will be offered each year and participation is at the discretion of the Work-based Learning Coordinator and School Principal.

COMPARISON OF REGISTERED WORK-BASED LEARNING PROGRAMS

	CEIP Career Exploration Internship Program	GEWEP General Education Work Experience Program	CO-OP Cooperative CTE Work Experience Program
Student age	Age 14+ *	Age 14+*/**	Age 16+*
Paid or unpaid	Unpaid	Paid and unpaid	Paid and unpaid
Diploma credit permissible & worksite hours	.5/54 hrs. 1/108 hrs.	.5/150 hrs. 1/300 hrs. 1.5/450 hrs. 2/600 hrs. 2.5/750 hrs.** 3/900 hrs.**	.5/150 hrs. 1/300 hrs. 1.5/450 hrs. 2/600 hrs.
Related instruction	27 hrs./1.0 credit 54 hrs./2.0 credit	At least one period per week	Five periods per week
Experience must relate to classroom instruction	Yes	No	Yes
Training develops career skills	No - focus is career exploration	Yes	Yes

Notes

- All three programs must be overseen by a work-based learning coordinator.
- Students participating in all work experiences must not be placed in a business that does not carry Workers' Compensation insurance.
- Students participating in paid work experiences must be covered by the employer's Workers' Compensation insurance.
- Credit earned in CEIP can be applied toward a 5-unit CTE sequence.

* Students must be in at least grade 9 to earn credit for a registered work-based learning program

** A maximum of one unit of credit can be earned for GEWEP in grades 9 and 10 and a maximum of two units of credit can be earned in grades 11 and above.

Career & Technical Education at BOCES

The Board of Cooperative Educational Services (BOCES) offers vocational training to students in a variety of subject areas. Students spend half of their day taking courses at REMSEN Central High School and the other half of their day at the Career & Technical Education Center. Programs generally require a two year commitment.

Students who are interested in attending BOCES Career and Technical Education programs must:

- have a satisfactory attendance record
- have earned the following high school credits: 2 English, 2 Social Studies, 2 Math, 2 Science, 1 Language Other Than English, 1 Art/Music, and 0.5 Health
- submit an application and participate in a selection process

BOCES program offerings and application acceptance is subject to BOCES minimum and maximum class size restrictions. BOCES course descriptions are available from the guidance office and through BOCES.

2 Year Programs (4 Credits per year):

Advertising Design / Multimedia Productions
Auto Body Repair
Auto Body / Auto Technology Occupations
Automotive Technology
Conservation
Construction Trades
Cosmetology
Criminal Justice
Culinary Arts
Early Childhood Education
Electricity/Heating Ventilation and Air Conditioning
Emerging Technologies & Cyber Security
Food Service Occupations
Multi-Occupations
Outdoor Power / Recreational Equipment Technology
Welding
*Animal Science (1 year – junior or senior year)
*Nurse Assistant (1 year – junior or senior year)

New Visions – Seniors Only (4 credits):

Business Management
Communications
Education
Engineering Technology
Health Professions
Legal Professions
Performing Arts
Veterinary Science

Junior & Senior High Courses

Agriculture

Agriculture Explorations (7th & 8th grades)

Credit: N/A

Description:	This course takes middle school students through an exploration of the daily impact of agriculture and introduces students to the plants, resources, energy, and animals we use and consume due to agricultural technologies. Every lesson includes unique and engaging hands-on activities and projects encouraging student exploration of the agricultural value chain from industry to consumer.
Offered:	Yearly
Grade Level:	7 th , 8 th
Final Assessments:	Unit assessments; Final comprehensive projects
Special Notes:	N/A
Prerequisites:	None

Introduction to Agriculture, Food & Natural Resources

Credit: 0.5

Description:	What do you want to do after high school? Once you graduate, how will you use the science, math, reading, and writing you learned? The agricultural industry may be the answer. Agricultural careers require a wide array of skills from food tasting to construction. In the Introduction to Agriculture and Natural Resources (AFNR) course, you will develop foundational skills leading you to a rewarding career in agricultural science. Your days in the classroom will involve communication with peers while exploring real world issues in agriculture. You will personalize your learning by exploring careers interesting to you. The Intro to AFNR course enables you to experience all fields of agricultural science and natural resources. Upon completion of the course, you will be prepared to pursue the agricultural career pathway by taking a sequence of courses. Whether you are interested in science, communications, business, or engineering and mechanics, there is an agricultural career awaiting your future.
Offered:	Yearly
Grade Level:	9-10
Final Assessments:	Unit assessments; Final comprehensive project
Special Notes:	Required for all students in the Agriculture Pathway.
Prerequisites:	None

Agricultural Business Foundations (AGBU101)

Credit: 0.5

Description:	This course introduces students to business management in agriculture. Mathematics, reading, and writing components are woven in the context of agriculture and business concepts. Throughout the course are practical and engaging activities, projects, and problems to develop and improve business and employability skills. Additionally, students investigate and develop viable business plans in order to solve local problems. The business plan ideas are communicated to student peers and members of the professional community. The primary focus areas of this course include: Starting a business, financial documents, risk management, and writing a business plan. <i>This course has a partnership agreement with SUNY Cobleskill for 10th-12th grade students to receive 3 Credits from the College upon successfully completing the class.</i>
Offered:	Yearly
Grade Level:	10-12
Final Assessments:	Unit assessments; Final comprehensive project
Special Notes:	Required for all students in the Agriculture Pathway. Students have the opportunity to earn 3 college credits through SUNY Cobleskill.
Prerequisites:	None

Animal Science (ANSC111)**Credit: 1**

Description:	Do you enjoy working with animals? Would you like to know more about animal behavior, anatomy, and health? Gain foundational knowledge and skills through the Animal Science course to prepare for a career working with animals. Spend the year investigating how animals and humans are dependent upon each other. In addition to animal science, develop the necessary technical communication skills, learn the common mathematics functions used in the animal industry and in taking care of personal companion animals. During class, expand your portfolio of career exploration and leadership development opportunities discovered along the way. Investigate the fascinating and multifaceted animal industry and consider what opportunities lie there for you! <i>This course has a partnership agreement with SUNY Cobleskill for 10th-12th grade students to receive 3 Credits from the College upon successfully completing the class.</i>
Offered:	Yearly
Grade Level:	10-12
Final Assessments:	Unit assessments; Final comprehensive project
Special Notes:	Required for all students in the Agriculture Pathway. Students have the opportunity to earn 3 college credits through SUNY Cobleskill.
Prerequisites:	Living Environment

Plant Science (ORHT105)**Credit: 1**

Description:	This course provides a foundation of plant science knowledge and skills. Students will experience various plant science concepts through exciting “hands-on” activities, projects, and problems. Student experiences will include the study of plant anatomy and physiology, classification, and the fundamentals of production and harvesting. Students will learn how to apply scientific knowledge and skills to use plants effectively for agronomic, forestry, and horticultural industries. Students will discover the value of plant production and its impact on the individual, the local, and the global economy. Students will work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers, and plant research specialists, face in their respective careers. <i>This course has a partnership agreement with SUNY Cobleskill for 10th-12th grade students to receive 3 Credits from the College upon successfully completing the class.</i>
Offered:	Yearly
Grade Level:	10-12
Final Assessments:	Unit assessments; Final comprehensive project
Special Notes:	Required for all students in the Agriculture Pathway. Students have the opportunity to earn 3 college credits through SUNY Cobleskill.
Prerequisites:	Living Environment

Agriculture, Power, & Technology**Credit: 1**

Description:	Agricultural Power and Technology (APT) exposes students to mechanics, power, technology, and career options in the world of agriculture. Students participating in the APT will experience mechanical and engineering concepts with exciting hands-on activities, with two to three labs per week. Students will acquire the basic skills to operate, repair, engineer, and design agricultural tools and equipment. Student’s experiences will involve the study of energy, tool operation and safety, material properties, machine operation, and structural components. Students will explore projects and problems similar to those that a tradesperson, technician, or engineer may face in their respective careers. Throughout the course, students will apply engineering principles to the construction of machines and structures.
Offered:	Year A
Grade Level:	10-12
Final Assessments:	Unit assessments; Final exam
Special Notes:	Agriculture Elective
Prerequisites:	None

Food Science**Credit: 0.5**

Description:	Explore the process of producing new foods while meeting safety and nutrition standards. Study food chemistry, safety, processing, marketing, and product development through hands-on activities and projects. You will earn a related certificate for base employment in the food industry during this course. Conclude the course by developing, test marketing, and field-testing your innovative food product. Food Science and Safety includes the following units of study: Introduction to Food Science, Food Chemistry, The Safety of Our Food, Processing and Preservation, Health and Security, Consumers, and Food Product Development. <i>This course has a partnership agreement with SUNY Cobleskill for 10th-12th grade students to receive 3 credits from the College upon successfully completing the class.</i>
Offered:	Year B
Grade Level:	9-12
Final Assessments:	Unit assessments; final comprehensive projects
Special Notes:	Students have the opportunity to earn 3 college credits through SUNY Cobleskill.
Prerequisites:	Living Environment, Chemistry is preferred

Art

All students must earn 1 credit in Music or Art to graduate.

ART 7**Credit: N/A**

Description:	In this course, students will explore creative concepts through a range of artistic mediums, techniques, and processes. They will learn to apply the elements of art and principles of design, fostering an appreciation for the creative process and visual imagery.
Offered:	Yearly
Grade Level:	7
Final Assessments:	Midterm and final comprehensive projects
Special Notes:	None
Prerequisites:	None

ART 8**Credit: N/A**

Description:	Students will further develop their active and positive participation in the creative artistic process and expand their proficiency in commonly used art media, techniques, and processes introduced in 7th grade. They will refine their skills through observation, analysis, practice, and exploration.
Offered:	Yearly
Grade Level:	8
Final Assessments:	Midterm and final comprehensive projects
Special Notes:	None
Prerequisites:	ART 7

Studio Art**Credit: 1**

Description:	Students will further develop their active and positive participation in the creative artistic process and expand their proficiency in commonly used art media, techniques, and processes introduced in junior high. They will refine their skills through observation, analysis, practice, and exploration.
Offered:	Yearly
Grade Level:	9-12
Final Assessments:	Midterm and final comprehensive projects.
Special Notes:	This course meets fine arts graduation requirement.
Prerequisites:	None

Advanced Art

Credit: 1

Description:	This course offers a platform for students to expand their use of artistic mediums and techniques, building upon their existing knowledge and skills, while further developing their thinking and problem-solving skills and abilities. By exploring new creative ideas, students will develop artworks while deepening and expanding their understanding and appreciation for the visual arts.
Offered:	Yearly
Grade Level:	10-12
Final Assessments:	Unit assessments and final comprehensive projects.
Special Notes:	None
Prerequisites:	Studio Art

Career & Technical Education Required Courses

College & Career Readiness

Credit: 0.5

Description:	Students in this course will learn the skills to begin the process of planning for their future. Through career exploration, students will map a plan for their studies throughout high school and beyond. Students will develop a career plan and portfolio in which they will collect and organize information and documents related to their future education plans, career goals, and employability skills. The students will continually update, and refine the plan and portfolio as they advance through high school.
Offered:	Yearly to all students, required by CTE students
Grade Level:	9-12
Final Assessments:	Midterm and final comprehensive projects
Special Notes:	Open to all students, CTE Core Course
Prerequisites:	None

Career & Financial Management

Credit: 0.5

Description:	Learn financial survival skills that you will be able to use your whole life. During this course, you will discover how to efficiently handle personal finance as you make the transition to independent living. Topics include budgeting, bankcards (debit, credit and ATM), checking and savings accounts, electronic banking, insurance (life, property, health, and auto), and investments (stocks, bonds, mutual funds and real estate). Students will continue their career planning, write a resume, fill out a job application and handle job interview skills.
Offered:	Yearly to all students, required by CTE students
Grade Level:	10-12
Final Assessments:	Local Exam
Special Notes:	Open to all students, required for all CTE students, Recommended to be taken during your junior or senior year of high school
Prerequisites:	None

Distance Learning Classes

MVCC Psychology (PY101)

Credit: 0.5

Description:	This course is an introductory course in psychology designed to help provide a foundation in psychology for students who are college-bound and those who are not. It attempts to survey the major schools of psychology, human behavior and development from birth to death, personality, learning and intelligence and the causes and treatment of mental illness. The course is designed to enable students to better understand themselves, their peers and family groups.
Offered:	Yearly via distance learning
Grade Level:	11-12
Final Assessments:	College Exam
Special Notes:	MVCC College Credit: 3
Prerequisites:	None

MVCC Sociology (SO101)**Credit: 0.5**

Description:	This is a survey course that provides the foundations of sociology for students who are college-bound and those who are not. The major topics include the institutions of religion, government, family and education and their impacts on society. The course is problem-centered and deals with the problems of youth rebellion, marriage, minorities, poverty, crime, urban and rural problems and others that may be current. Emphasis is also placed on methods used in sociological research.
Offered:	Yearly
Grade Level:	11-12
Final Assessments:	College Exam
Special Notes:	MVCC College Credit: 3
Prerequisites:	None

English

All students must take the English Regents and are required to earn 4 high school English credits to graduate.

English 7**Credit: N/A**

Description:	In ELA Grade 7, students are introduced to various social themes through works of fiction and poetry. Through the lens of these works, students are given different sources of nonfiction background information from which they are prompted to make connections to literature. Students are also prompted to complete writing in a more technical and academic manner and complete academic research, fostering college and career readiness. Students also complete a nonfiction autobiography unit as well as a novel unit. ELA 7 builds on basic reading, writing, and comprehension skills and stresses the use and analysis of both new and unknown vocabulary words, academic procedural language, and best-answer format multiple choice questions.
Offered:	Yearly
Grade Level:	7
Final Assessments:	Local Exam
Special Notes:	
Prerequisites:	None

English 8**Credit: N/A**

Description:	English 8 will build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually includes the four aspects of language use: reading, writing, speaking and listening. Additionally, English 8 scaffolds from students prior knowledge in 7th grade of novels, poetry, and short stories, while linking non-fiction reading selections to various themes of literature. Students will continue to be introduced to formal and academic writing and will complete a formal research project and paper.
Offered:	Yearly
Grade Level:	8
Final Assessments:	Local Exam
Special Notes:	
Prerequisites:	English 7

English 9**Credit: 1**

Description:	In ELA Grade 9, students are expected to begin to critically analyze literature by becoming familiar with a range of literary and dramatic devices, upper level conventions of standard written English, and the recurring themes of literature which relate to political and social elements in historical contexts and the world today. Students are exposed to a classic Shakespearean play, realistic fiction, and a classic epic poem, as well as other short stories and poems. Students will also work with nonfiction information to serve as background knowledge to enhance their respective unit of study. Critical thinking and academic research skills are fostered for college and career readiness. Throughout the year, students begin to prepare for their New York State English Regents with exposure to Regents-aligned multiple choice questions and writing prompts.
Offered:	Yearly
Grade Level:	9
Final Assessments:	Local Exam
Special Notes:	
Prerequisites:	English 8

English 10**Credit: 1**

Description:	Tenth grade English uses a variety of literary sources including short stories, drama, poems, and novels to enhance student understanding of literary forms, style and themes with a balanced focus on composition and literature. Students will develop their ability to analyze literary structure to determine the author's intent and theme and to recognize the techniques used to deliver the author's message. Written emphasis is on vocabulary, usage, grammar and mechanics through written composition of persuasive, critical and creative multi-paragraph essays and compositions.
Offered:	Yearly
Grade Level:	10
Final Assessments:	Local Exam
Special Notes:	
Prerequisites:	English 9

English 11/MVCC English (EN101)**Regents Credit: 1**

Description:	American literature is the focus of eleventh grade English. Using poetry, short stories, and full-length literary works, students will analyze, listen, evaluate and write within the historical context of the growth of the United States. Students will continue to develop their writing skills, emphasizing clear, logical/writing patterns, word choice, and usage as students write essays and begin to learn the technique of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses. MVCC EN101 is offered during the second half of junior year English, and is a composition class, with emphasis on college-level writing and communication skills. MVCC EN101 is also the pre-requisite for students who wish to take MVCC EN150 (Effective Speech) in their senior year.
Offered:	Yearly
Grade Level:	11
Final Assessments:	Local exam; ELA Common Core Regents Exam.
Special Notes:	
Prerequisites:	English 10

English 12**Credit: 1**

Description:	English 12 targets college and career readiness. Students will interpret texts through the use of multiple literary theories and will develop awareness of a writer's perspective. The texts that students are exposed to represent a diverse world view and are geared toward developing critical thinking, discussion, listening, and collaborative skills. This course blends composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers as well as reading and analyzing texts from various genres.
Offered:	Yearly
Grade Level:	12
Final Assessments:	Local Exam
Special Notes:	
Prerequisites:	English 11

AP Literature**Credit: 1**

Description:	AP English Literature and Composition is a reading and writing intensive class that serves as an introductory college-level literary analysis course. Students will foster their understanding of literature while focusing on various concepts such as character, setting, structure, perspective, and figurative language with the goal of completing comprehensive literary analysis. Critical thinking skills will be utilized and class discussion will be a primary component of the in-class setting. It is recommended that students have an average of 90 percent or higher in their previous English courses, including the NYS English Regents Examination, to ensure successful completion of this course. There is a summer reading requirement to be obtained at the end of prospective students' junior year. The Advanced Placement Examination is required of all students taking this course. <i>This class may be offered in conjunction with MVCC Dual Credit English. All AP students will also earn 3 credits for EN101.</i>
Offered:	Yearly
Grade Level:	12
Final Assessments:	Local Exam; AP exam required
Special Notes:	AP exam fee required.
Prerequisites:	English 11 and recommendation of the instructor.

MVCC Effective Speech (EN150)**Credit: 1**

Description:	EN150 is an introduction to public speaking. It emphasizes the fundamentals of preparing, organizing, supporting, and delivering a speech based on factual material. Topic selection, audience analysis, fact vs. opinion, outlining, supporting material and visual support are included. Informative, demonstrative, and persuasive speeches are presented. Elements of interpersonal communication, logic, and persuasion are discussed. This course may be offered in conjunction with Senior Seminar.
Offered:	Yearly
Grade Level:	12
Final Assessments:	Local Exam
Special Notes:	MVCC College Credit: 3
Prerequisites:	MVCC EN101

Senior Seminar**Credit: 0.5**

Description:	This seminar course is for all seniors who are preparing to go to college and/or enter the workforce. Students will be encouraged to work on a college essay and/or complete career or technical program research. The course offers students a brief introduction to philosophy, logical fallacies, debate and discussion skills, citizenship, and activism and environmentalism. The course also stresses public speaking and presentation skills. Objectives include completing presentations, speeches, discussion circles, reflective writing, business writing, and cover letter and resume writing. Students will also work on interview skills and participate in a senior project.
Offered:	Yearly
Grade Level:	12
Final Assessments:	Local Exam
Special Notes:	
Prerequisites:	None

Family & Consumer Science (FACS)

Home and Careers 7

Credit: N/A

Description:	This class will focus on food and nutrition, cooking skills and the importance of recycling. Topics on food and nutrition include analyzing nutrition labels, food groups, and identifying healthy food choices. Cooking skills include learning about and correctly using kitchen equipment, kitchen safety, and basic cooking skills. Students will also learn about what can be recycled, the importance of recycling, and the impact on our environment.
Offered:	Yearly
Grade Level:	7
Final Assessments:	Local exam
Special Notes:	
Prerequisites:	None

Home and Careers 8

Credit: N/A

Description:	The 8th grade Home and Careers course is centered around team work and collaborative projects. This class will focus on career choices, life skills, a mass production project and the importance of community service. Topics include types of career options, work based job skills, budgeting, financial literacy, and a community centered service learning project.
Offered:	Yearly
Grade Level:	8
Final Assessments:	Local exam
Special Notes:	N/A
Prerequisites:	None

Child Development (CBSKL ECHD170)

Credit: 1

Description:	Do you enjoy working with children? This fun, unique program prepares students to work with children in early education and child care settings. Physical, social, emotional and intellectual development of children from birth through adolescence will be studied and observed. Students will learn theories of development and growth as well as techniques to use when working with children through class activities, presentations, discussion, videos, guest speakers and field trips. Pre-school lessons will be prepared and implemented by students.
Offered:	Year B
Grade Level:	10-12
Final Assessments:	Local exam
Special Notes:	This is a core course for the Human Development and Child Care pathway. Open to all students, required for all FACS CTE students, non-FACS CTE elective. Students have the opportunity to earn 3 college credits through SUNY Cobleskill.
Prerequisites:	

Food & Nutrition for Life (CBSKL CAHT210 & 210X)

Credit: 1

Description:	Food & Nutrition for Life is designed to help students understand how to provide for the nutritional needs of themselves and others while maintaining overall health and wellness. Students are exposed to different cooking techniques that they will execute during cooking labs. Students will also go through the six essential nutrients, learn how to read nutrition facts labels, and how to make nutritious foods. Topics include: <ul style="list-style-type: none">• nutrition awareness• meal management• food purchasing• food preparation• meal service• related career exploration
Offered:	Year A
Grade Level:	10-12
Final Assessments:	Local exam
Special Notes:	Students with food allergies must have documentation on file with the school nurse. This is a core course for the Human Development and Child Care pathway. Open to all students, required for all FACS CTE students, non-FACS CTE elective. Students have the opportunity to earn 3 college credits through SUNY Cobleskill.
Prerequisites:	None

Human Development

Credit: 1

Description:	This course is designed to introduce students to the fundamentals of human growth and development. Students will relate the effects of heredity and environment from birth through death. This course is a great foundation for students interested in psychology, sociology and childhood development. Topics in this course include: <ul style="list-style-type: none">• meeting the needs of exceptional children• promoting optimum growth and development (prenatal, infancy, toddler, preschool and school-age stages)• careers in child/human development
Offered:	Year A
Grade Level:	10-12
Final Assessments:	Local exam
Special Notes:	Open to all students, CTE elective
Prerequisites:	None

Health

All students must earn 0.5 Health credit to graduate.

Jr High Health

Credit: N/A

Description:	Junior High Health is a 20 week course mandated by New York State for all junior high students. Course content topic areas are: self-concept, individuality, values, peer pressure, anger management, constructive communication, mental health, family social health, drugs, alcohol, tobacco, diseases, disorders, growth development and career topics.
Offered:	Yearly
Grade Level:	8
Final Assessments:	Local Exam
Special Notes:	N/A
Prerequisites:	None

Health

Core Credit: 0.5

Description:	Health Education provides information about fundamental issues that relate to the everyday lives of teenagers. The goal is to provide students with the knowledge and skills to take responsibility for their own personal growth, make informed decisions, maintain healthy behaviors, and coping strategies and be healthy and productive citizens. Physical health, sociologic health problems, environmental and community health and education for survival, as well as family life will be covered.
Offered:	Yearly
Grade Level:	10
Final Assessments:	Local Exam
Special Notes:	This course satisfies the New York State Health graduation credit requirement
Prerequisites:	None

Math

All students must earn 3 math credits to graduate and must pass at least 1 math regents. An integrated course in mathematics/science/technology may be used as the third required unit of credit in Mathematics. The math criteria for an Advanced Regents diploma requires a student to pass 3 math regents exams. Students seeking to meet the criteria for an Advanced Regents – STEM (Mathematics Pathway) diploma must pass 3 math regents exams and an additional state approved math assessment.

Math 7

Credit: N/A

Description:	Seventh grade mathematics teaches students how to read, understand, and engage in the critical thinking process across the spectrum of general mathematics topics. Topics include: <ul style="list-style-type: none">• developing understanding of and applying proportional relationships• developing understanding of operations with rational numbers and working with expressions and linear equations• solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume• drawing inferences about populations based on samples.
Offered:	Yearly
Grade Level:	7
Final Assessments:	Local Exam, NYS Math 7 Exam
Special Notes:	N/A
Prerequisites:	None

Math 8

Credit: N/A

Description:	Eighth grade mathematics is designed to expand upon the topics and strategies learned in 7th grade to prepare students for Algebra. Topics include: <ul style="list-style-type: none">• formulating and reasoning about expressions and equations• modeling an association in bivariate data with linear equation• solving linear equations and systems of linear equations• grasping the concept of a function and using functions to describe quantitative relationships• analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence• understanding and applying the Pythagorean Theorem.
Offered:	Yearly
Grade Level:	8
Final Assessments:	Local Exam, NYS Math 8 Exam
Special Notes:	
Prerequisites:	Math 7

Algebra

Regents Credit: 1

Description:	This course will formalize and extend the mathematics that students learned in the middle grades and will prepare students to take the Algebra Regents Exam. In this exam, students will be measured on their conceptual understanding, procedural fluency, and problem solving skills. Topics that will be covered during the year are: <ul style="list-style-type: none">• interpreting the structure of expressions• performing arithmetic operations on polynomials• creating equations that describe numbers or relationships• understanding solving equations as a process of reasoning and explaining the reasoning• solving equations and inequalities in one variable• representing and solving equations and inequalities graphically• understanding the concept of a function and using functional notation• interpreting functions that arise in applications and linear models.
Offered:	Yearly
Grade Level:	9
Final Assessments:	Local Exam; Algebra Regents Exam
Special Notes:	Graphing calculators are provided by the school
Prerequisites:	Math 8, or accelerated pathway

Geometry

Regents Credit: 1

Description:	Geometry is the second Regents math course within the mathematics series for high school students. This course will formalize and extend students' geometric experience from the middle grades, a story of ratios. Topics in this course include: <ul style="list-style-type: none">• congruence and similarity of triangles, transformations, properties of triangles, quadrilaterals, circles, regular pyramids, cylinders, cones, spheres, constructions, locus, reasoning and proofs.• understanding congruence in terms of rigid motions• proving geometric theorems using congruence and similarity• understanding similarity in terms of similarity transformations• defining trigonometric ratios and solve problems involving right triangles• using coordinates to prove simple geometric theorems algebraically• applying geometric concepts in modeling situations.
Offered:	Yearly
Grade Level:	10
Final Assessments:	Local Exam; Geometry Regents Exam
Special Notes:	Graphing calculators are provided by the school
Prerequisites:	Algebra

Algebra 2

Regents Credit: 1

Description:	Algebra 2 is the culminating course of the three units of credit required for a Regents Diploma with Advanced Designation. The purpose of the course in Algebra 2 is two-fold. First, to build on the students' prior knowledge of linear, quadratic, and exponential functions while expanding to include polynomial, rational, and radical functions. Second, continuing to model and solve functional situations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The major topics of this course include: <ul style="list-style-type: none">• extending the properties of exponents to rational exponents• interpreting the structure of expressions• writing expressions in equivalent forms to solve problems• understanding the relationship between zeros and factors of polynomials• understand that solving equations is a process of reasoning and explaining the reasoning• representing and solving equations and inequalities graphically• interpreting functions that arise in applications• building a function that models a relationship between two quantities• making inferences and justifying conclusions from sample surveys, experiments and observational studies.
Offered:	Yearly
Grade Level:	11
Final Assessments:	Local Exam; Algebra 2 Regents Exam
Special Notes:	Graphing calculators are required for use by the student
Prerequisites:	Geometry

Mathematics in the Sciences

Credit: 1

Description:	Mathematics in the Sciences is a course designed to introduce students to the use of mathematical methods in scientific research. The course will cover a range of topics, including indirect measurement, statistics in psychology, prediction, and physics with an emphasis on kinematics. Students will develop a range of mathematical and analytical skills, including data analysis, modeling, problem solving, and writing scientific research papers that will be useful in both academic and professional settings.
Offered:	Yearly
Grade Level:	10-12
Final Assessments:	Unit assessments and final comprehensive projects
Special Notes:	Open to all students, Non-Regents Math credit
Prerequisites:	None

Real World Math**Credit: 1**

Description:	<i>Real World Math</i> is intended to teach and strengthen math skills which are used in real world applications. The course uses real world scenarios to correlate math to everyday activities. Students will be learning mathematical skills of varying degrees and applying those skills in a variety of means. Most units will have an associated hands-on project to apply the math covered in the course.
Offered:	Yearly
Grade Level:	10-12
Final Assessments:	Unit assessments and final comprehensive projects
Special Notes:	Open to all students, Non-Regents Math credit
Prerequisites:	None

MVCC Elementary Statistics (MA110)**Credit: 0.5**

Description:	This course is dual credit with MVCC and introduces probability and statistics. Topics include graphs, tables, frequency distributions, measures of central tendency and dispersion, normal distribution, correlation and regression, probability, and inferential statistics.
Offered:	Yearly
Grade Level:	12
Final Assessments:	MVCC Exam
Special Notes:	Scientific calculator is required. MVCC College Credit: 4
Prerequisites:	Algebra

MVCC Intermediate Mathematics (MA115)**Credit: 0.5**

Description:	This course is dual credit with MVCC and introduces intermediate algebra-level knowledge and skills. Topics include exponents and radicals, polynomials and rational expressions, functions and relations and their graphs, inequalities, and systems of linear equations. Linear, quadratic, rational, and radical equations are solved.
Offered:	Yearly
Grade Level:	12
Final Assessments:	MVCC Exam
Special Notes:	Scientific calculator is required. MVCC College Credit: 4
Prerequisites:	Algebra

MVCC Pre-Calculus (MA150)**Credit: 0.5**

Description:	This course is dual credit with MVCC. Precalculus is a course designed to prepare students for advanced topics in calculus. The course includes a review of algebra, the properties and graphs to polynomial, rational, trigonometric, inverse trigonometric, exponential, and logarithmic functions. Topics include introduction to mathematical argument and conic sections. Emphasis is placed on the function concept and appropriate language of mathematics.
Offered:	Yearly
Grade Level:	12
Final Assessments:	Local Exam, MVCC Final Exam
Special Notes:	MVCC College Credit: 3
Prerequisites:	Algebra 2

MVCC Calculus (MA151)**Credit: 0.5**

Description:	This course is dual credit with MVCC. As a half year mathematics course, it is the first in a sequence of three courses in analytical geometry and calculus for students intending to transfer to programs that require a thorough background in calculus. Topics include limits and continuity, differentiation of algebraic and trigonometric functions, and indefinite and definite integration. Applications from Physics will be included.
Offered:	Yearly
Grade Level:	12
Final Assessments:	Local Exam, MVCC Final Exam
Special Notes:	MVCC College Credit: 3
Prerequisites:	Algebra 2

Music

All students must earn 1 credit in Music or Art to graduate.

Jr High Band

Credit: N/A

Description:	The Concert Band is designed to provide a musical experience for students interested in developing their technical proficiency on individual instruments and to gain a broader appreciation of music. All Band students are provided the opportunity to participate in the weekly instrumental class lessons devoted to the development of individual musicianship through progressive studies and exercises.
Offered:	Yearly
Grade Level:	7-8
Final Assessments:	Local Exam
Prerequisites:	Previous band experience required.

High School Band

Credit: 0.5

Description:	The Concert Band is designed to provide a musical experience for students interested in developing their technical proficiency on individual instruments and to gain a broader appreciation of music. All Band students are provided the opportunity to participate in the weekly instrumental class lessons devoted to the development of individual musicianship through progressive studies and exercises.
Offered:	Yearly
Grade Level:	9-12
Final Assessments:	Local Exam
Prerequisites:	Previous band experience required.

Jr High Chorus

Credit: N/A

Description:	JR Chorus is composed of students who show an interest in music and are capable of performing a wide variety of choral literature, representative of styles from the Renaissance to the present. Public performances are stressed and required from all members.
Offered:	Yearly
Grade Level:	7 & 8
Final Assessments:	Local Exam
Special Notes:	Mandatory for all 7 th grade students unless enrolled in Jr. High Band.
Prerequisites:	None

High School Chorus

Credit: 0.5

Description:	HS Chorus is a continuation of JR Chorus and is composed of students who continue to show an interest in music and are capable of performing a wide variety of choral literature, representative of styles from the Renaissance to the present. Public performances are stressed and required from all members.
Offered:	Yearly
Grade Level:	9-12
Final Assessments:	Local Exam
Prerequisites:	None

Music Appreciation (HU106)

Credit: 0.5

Description:	This course develops musical perception, understanding, and appreciation. It features direct listening and live performances, and demonstrations in a variety of musical styles. It is appropriate for those with no formal musical training.
Offered:	Yearly
Grade Level:	10-12
Final Assessments:	Local Exam
Special Notes:	N/A
Prerequisites:	None

Physical Education

All students must earn 2 Physical Education credits to graduate.

The high school course descriptions presented here communicate the essence of the high school physical education experience. The content articulates the knowledge, skills, and confidence students need to maintain meaningful physical activity throughout their lifetime. The course sequence provides a blueprint for delivering the content in a manner that equips students to make a successful transition from the physical education instructional program to participation in physical activity during adulthood. The adult lifestyle demands that individuals initiate and monitor their own participation in physical activity. Family responsibilities, career demands, and individual choices influence physical activity patterns.

High School PE (9-10) provides the foundation for high school instruction. Students develop proficient movement skills in each area of physical education; they expand their capabilities for independent learning; and they examine practices that allow for sound decision making to enhance successful participation in movement activities.

High School PE (11-12) provides students with the opportunity to explore a variety of physical activities in search of one they can enjoy and participate in for a lifetime. Students will continue to participate in a program which offers a variety of lifetime, team and conditioning activities. Emphasis is placed on active participation, skill development and knowledge competencies in selected activities. Students will also participate in periodic physical fitness testing during the school year.

Activities found in this program can be but are not limited to the following:

- Soccer
- Flag Football
- Ultimate Games
- Speedball
- Team Handball
- Archery
- Volleyball
- Basketball
- Floor Hockey
- Pickleball
- Badminton
- Track & Field
- Ultimate Frisbee
- Lacrosse
- Softball

Physical Education 7 & 8

Credit: N/A

Description:	Students are generally scheduled for PE classes by grade level. Focus in all PE classes is on age-specific health and fitness concepts. Specific focus in grades 7 & 8 is on the principles of health fitness and education. Students participate in individual, dual and team sports and are instructed on rules, skills and other activity-related concepts. Participate in PE classes is every other day.
Offered:	Yearly
Grade Level:	7 & 8
Final Assessments:	Local Exam
Special Notes:	
Prerequisites:	None

Physical Education 9-10

Credit: 0.5

Description:	The focus of this course is a continuation from Junior High on the principles of health fitness and education. In addition, students will be introduced to team sports, problem solving, teamwork, trust, communication, cooperation and personal goal setting.
Offered:	Yearly
Grade Level:	9-10
Final Assessments:	Local Exam
Special Notes:	
Prerequisites:	None

Physical Education 11-12

Credit: 0.5

Description:	Lifelong physical activity is the foundation for a healthy, productive and fulfilling life. The focus for 11 th and 12 th grade is on the development of skills, knowledge and positive attitudes in individual lifetime activities, outdoor pursuits and wellness. Each class will include a unit on instruction from team sports.
Offered:	Yearly
Grade Level:	11-12
Final Assessments:	Local Exam
Special Notes:	
Prerequisites:	None

Science

All students must earn 3 science credits to graduate and must pass at least 1 science Regents. The science criteria for an Advanced Regents diploma requires a student to pass 2 science Regents exams. Students seeking to meet the criteria for an Advanced Regents with Mastery in Science diploma must pass 3 science Regents exams. An integrated course in mathematics/science/technology may be used as the third required unit of credit in Science.

Science 7

Credit: N/A

Description:	Seventh grade science is a life science course covering topics such as homeostasis, life processes, cells, cell division, and asexual reproduction, genetics, evolution, classification, ecology, and human body systems. Students are introduced to a variety of lab experiences that foster the development of problem-solving and decision making using the scientific method
Offered:	Yearly
Grade Level:	7
Final Assessments:	Local Exam;
Special Notes:	
Prerequisites:	None

Science 8

Credit: N/A

Description:	Eighth grade science is a physical science course that includes the study of physics, chemistry and earth science. Some of the topics covered include astronomy, volcanoes and earthquakes, weather, matter, chemical and physical changes, energy and motion. This course is the basis for future physical science courses.
Offered:	Yearly
Grade Level:	8
Final Assessments:	Local Exam;
Special Notes:	
Prerequisites:	Science 7

Life Science

Living Environment

Regents Credit: 1

Description:	New York State Regents Living Environment is a laboratory course utilizing the process of scientific investigation through the study of the living world. Living Environment focuses on the topics of chemistry, human body systems, reproduction and development, genetics and heredity, evolution, and ecology. The course is heavily dependent on the laboratory experience and culminates in a Regents examination.
Offered:	Yearly
Grade Level:	9
Final Assessments:	Local Exam; Living Environment Regents Exam
Special Notes:	Students must successfully complete 1,200 minutes of NY State mandated hands-on laboratory work and acceptable written reports in order to be eligible to sit for the exam. Living Environment Lab: 0406 required.
Prerequisites:	Science 8, or accelerated pathway

AP Biology

Credit: 1

Description:	Advanced Placement Biology provides students with the opportunity to pursue an in-depth study of general biology through a laboratory-oriented approach. College course credit or placement may be obtained through the Advanced Placement Biology Exam. A great deal of emphasis will be placed on laboratory activities and the study of the text. In this course, students should expect to devote a moderate amount of time beyond the scheduled class periods in completing laboratory activities and one final project. Areas of study will include Chemical Basis of Biology, Cells, Enzymes, Energy Transformations, Cell Reproduction, Heredity and Genetics, Cell Specialization, Origin of Life, Structure and Function in Plants, Plant Development, Animal Development, Ecology and Evolutionary Biology. Class is scheduled for 6 periods in a 4-day schedule with 2 classes within the six periods providing for laboratory experience. The Advanced Placement Exam is required for all students taking this course.
Offered:	Year B
Grade Level:	11-12
Final Assessments:	Local Exam; AP exam required
Special Notes:	AP Biology Lab: 0409 required; AP exam fee required
Prerequisites:	Living Environment and Chemistry

Physical Science

Earth Science

Regents Credit: 1

Description:	New York State Regents Earth Science is a Laboratory course utilizing the process of scientific investigation through the study of the physical world. The course focuses on the topics of geography, geology, meteorology, and astronomy. The course is heavily dependent on the laboratory experience and culminates in a two-part Regents examination.
Offered:	Yearly
Grade Level:	10-12
Final Assessments:	Local Exam; Earth Science Regents Exam
Special Notes:	Students must successfully complete 1,200 minutes of NY State mandated hands-on laboratory work and acceptable written reports in order to be eligible to sit for the exam. Earth Science Lab: 0403 required.
Prerequisites:	8 th Grade Science, or accelerated pathway

Chemistry

Regents Credit: 1

Description:	Chemistry is the study of various types of matter and how they interact with each other through both physical and chemical changes. Topics include: Atomic Concepts, Periodic Table, Moles/Stoichiometry, Bonding, Physical Behavior of Matter, Kinetics/Equilibrium, Organic Chemistry, Oxidation-Reduction, Acids, Bases and Salts, and Nuclear Chemistry.
Offered:	Yearly
Grade Level:	10-12
Final Assessments:	Local Exam; Chemistry Regents Exam
Special Notes:	Students must successfully complete 1,200 minutes of NY State mandated hands-on laboratory work and acceptable written reports in order to be eligible to sit for the exam. Chemistry Lab is required.
Prerequisites:	Living Environment

AP Chemistry

Credit: 1

Description:	Chemistry is the study of various types of matter and how they interact with each other through both physical and chemical changes. Topics include: Atomic Concepts, Periodic Table, Moles/Stoichiometry, Bonding, Physical Behavior of Matter, Kinetics/Equilibrium, Organic Chemistry, Oxidation-Reduction, Acids, Bases and Salts, and Nuclear Chemistry. The Advanced Placement exam is required for all students taking this course.
Offered:	Year A
Grade Level:	11-12
Final Assessments:	Local Exam; AP exam required
Special Notes:	AP Chemistry Lab: 0413L required; AP exam fee required
Prerequisites:	Living Environment, Chemistry, Algebra 2

Physics

Regents Credit: 1

Description:	Physics is the study of the forces and interactions among objects in the physical world. Topics in this course include Kinematics, force, dynamics, momentum, conservation of energy, electricity, wave energy, light and modern physics.
Offered:	Yearly
Grade Level:	12
Final Assessments:	Local Exam; Physics Regents Exam
Special Notes:	Students must successfully complete 1,200 minutes of NY State mandated hands-on laboratory work and acceptable written reports in order to be eligible to sit for the exam. Physics Lab: 0415 required.
Prerequisites:	Algebra, Living Environment

Non-Regents Science

Animal Science (ANSC111)

Credit: 1

Description:	Do you enjoy working with animals? Would you like to know more about animal behavior, anatomy, and health? Gain foundational knowledge and skills through the Animal Science course to prepare for a career working with animals. Spend the year investigating how animals and humans are dependent upon each other. In addition to animal science, develop the necessary technical communication skills and learn the common mathematics functions used in the animal industry and in taking care of personal companion animals. During class, expand your portfolio of career exploration and leadership development opportunities discovered along the way. Investigate the fascinating and multifaceted animal industry and consider what opportunities lie there for you! <i>This course has a partnership agreement with SUNY Cobleskill for 10th-12th grade students to receive 3 Credits from the College upon successfully completing the class.</i>
Offered:	Yearly
Grade Level:	10-12
Final Assessments:	Unit assessments; Final exam
Special Notes:	Required for all students in the Agriculture Pathway
Prerequisites:	Living Environment

Plant Science (ORHT105)

Credit: 1

Description:	This course provides a foundation of plant science knowledge and skills. Students will experience various plant science concepts through exciting “hands-on” activities, projects, and problems. Student experiences will include the study of plant anatomy and physiology, classification, and the fundamentals of production and harvesting. Students will learn how to apply scientific knowledge and skills to use plants effectively for agronomic, forestry, and horticultural industries. Students will discover the value of plant production and its impact on the individual, the local, and the global economy. Students will work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers, and plant research specialists, face in their respective careers. <i>This course has a partnership agreement with SUNY Cobleskill for 10th-12th grade students to receive 3 Credits from the College upon successfully completing the class.</i>
Offered:	Yearly
Grade Level:	10-12
Final Assessments:	Unit assessments; Final exam
Special Notes:	Required for all students in the Agriculture Pathway
Prerequisites:	Living Environment

Social Studies

All students must earn 4 Social Studies credits to graduate and must pass at least 1 Social Studies Regents. Students seeking to meet the criteria for a Regents diploma using the Humanities Pathway must pass a second Social Studies Regents exam.

Social Studies 7

Credit: N/A

Description:	Grade 7 Social Studies is arranged chronologically and incorporates geography as well as economic, social, and political trends. The course content is divided into eight Key Ideas, tracing the human experience in the United States from pre-Columbian times until the Civil War, with a focus on the people, events, and places in New York State as applicable.
Offered:	Yearly
Grade Level:	7
Final Assessments:	Local Exam
Special Notes:	N/A
Prerequisites:	None

Social Studies 8

Credit: N/A

Description:	Grade 8 Social Studies is arranged chronologically, beginning with Reconstruction and ending at the present, and incorporates geography as well as economic, social and political trends. The course content is divided into nine Key Ideas; the first seven trace the human experience in the United States from Reconstruction to the end of World War II. The last three Key Ideas examine different themes in United States and New York State history from the post-War period up to the present day, which provides the opportunity to explore contemporary issues.
Offered:	Yearly
Grade Level:	8
Final Assessments:	Local Exam
Special Notes:	N/A
Prerequisites:	Social Studies 7

Global History 9 (HI103)

Credit: 1

Description:	Global History and Geography is the first-year of a two-year course. Students develop skills that will be used on the New York State Regents Examination in Global History and Geography. The course traces development of Western Civilization from its Greek beginnings to the fall of Constantinople in 1453. Beginning with the Greek experience, Western Civilization developed in uniquely different ways from the rest of the civilized world. Patterns of Western thought led to the emergence of ideals such as the dignity and rights of man, free expression, social inclusion, and equal opportunity. The influence of Western forms of political and economic organizations on the modern world is examined.
Offered:	Yearly
Grade Level:	9
Final Assessments:	Local Exam
Special Notes:	MVCC College Credit: 3
Prerequisites:	Social Studies 8

Global History 10 (HI104)

Credit: 1

Description:	Global History 10 is the second year of global history culminating in the New York State Regents Examination in Global History and Geography. The Regents Exam contains information related to Global History and Geography from 1750 but with skills developed in the 9th grade course. This course is a continuation of the history of Western Civilization, beginning with the Renaissance and continuing to the present. It investigates the philosophical, international, political, economic, and social movements that dominated events leading up to the present time. It examines the reasons and motivations behind the events and perspectives of modern Western Civilization.
Offered:	Yearly
Grade Level:	10
Final Assessments:	Local Exam; Global History and Geography Regents Exam
Special Notes:	MVCC College Credit: 3
Prerequisites:	Global History 9

US History 11 (HI111)**Credit: 1**

Description:	Students explore in-depth social, political, and economic trends in United States history in a cross-topical study that focuses on active citizenship. The themes of study include: Civil Rights, wealth, class and conflict in America, technology and social change, the role of the United States in the world, American land and its people.
Offered:	Yearly
Grade Level:	11
Final Assessments:	Local Exam; US History and Government Regents Exam
Special Notes:	The course is designed to prepare students for the New York State Regents Exam in U.S. History and Government.
Prerequisites:	Global History 10

AP US History (HI111 & HI112)**Credit: 1**

Description:	AP United States History is an introductory college level United States History course. Students learn the analytical skills and enduring understandings necessary to critically evaluate the problems and historical materials in United States history. Students will measure relevance, importance, reliability, and interpretations. Students will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in an essay format. AP exam required for all students taking this course. <i>This class may be offered in conjunction with MVCC Dual Credit US History. All AP students will also earn 3 credits for HI111/112.</i>
Offered:	Yearly
Grade Level:	11-12
Final Assessments:	Local Exam; AP US History exam required, US History and Government Regents Exam
Special Notes:	AP exam fee required
Prerequisites:	Successful completion of previous year's social studies course

Economics**Credit: 0.5**

Description:	Economics is designed to provide all students with the economic knowledge and skills that will enable them to function as informed and economically literate citizens. This course will explore the theories and principles that underlie all economic structures from individual decision-making to the complexities of international economics. Topics include: macroeconomics, micro economics, global and United States economy, globalization, the enterprise system, labor and business relations, fiscal and monetary policy, as well as personal finance.
Offered:	Yearly
Grade Level:	12
Final Assessments:	Local Exam
Special Notes:	This course satisfies the New York State Economics graduation credit requirement.
Prerequisites:	Social Studies 11

Government**Credit: 0.5**

Description:	The Participation in Government course is a culminating course of study that focuses on Civics, Citizenship, and Government. This course is designed to have students analyze public policy issues, make decisions and develop implementation policies necessary to solve problems and actively understand and participate in the democratic process. The public policy issues and problems to be studied will be determined by current events from local, state, national and global perspectives. Research skills, logic and writing skills will help students become effective participating citizens in our democracy. All students will be required to do a participation project that will be developed as an integral part of this course. Additionally, all students will complete 20 hours of community service.
Offered:	Yearly
Grade Level:	12
Final Assessments:	Local Exam
Special Notes:	20 hours of community service is required. This course satisfies the New York State Government graduation credit requirement.
Prerequisites:	Social Studies 11

Technology

Technology 7 & 8

Credit: N/A

Description:	The primary objective of 7 th and 8 th <i>Grade Technology</i> is to teach the fundamentals of technology and give students the skills and knowledge they need to be successful. It combines the techniques of traditional classrooms as well as including hands-on projects and self-directed learning.
Offered:	Yearly
Grade Level:	7, 8
Final Assessments:	Unit assessments; Projects Final exam
Special Notes:	N/A
Prerequisites:	None

Design and Drawing For Production (DDP)

Credit: 1.0

Description:	This course is designed to study the fundamentals of drawing and design in order to achieve real life skills, solid accomplishments, and thorough understanding of design and production. <i>Design and Drawing for Production (DDP)</i> is an approved course to meet the one unit of art requirement for graduation for all students.
Offered:	Yearly
Grade Level:	9-12
Final Assessments:	Unit assessments; Projects; Final Exam
Special Notes:	Open to all students
Prerequisites:	None

Drone Technology

Credit: 0.5

Description:	This course is designed to study the growing field of technology in the drone industry. Students will learn about various technologies used in aviation and practical application of these technologies. Additionally, students will learn how to safely and proficiently fly drones. Students will also prepare to take the FAA 107 sUAS Drone Pilot Exam to become licensed drone pilots. This course has extensive hands-on activities through graduated and challenging drone flight. It is recommended that students should be 16 by the end of the year to take the class, as students must be 16 to take the sUAS pilot exam.
Offered:	Year B
Grade Level:	10-12 (or 16 by the end of the school year)
Final Assessments:	Unit assessments; Applied skills; Final exam
Special Notes:	N/A
Prerequisites:	None

Exploring Building & Construction

Credit: 1.0

Description:	<i>Exploring Building Construction</i> is designed to introduce students to the field of construction. Students will be exploring the various aspects of construction as well as the procedures that need to be taken to construct a structure. Students will be working hands-on to construct scale models of structures as well as specialized skills such as plumbing and electrical.
Offered:	Yearly
Grade Level:	10-12
Final Assessments:	Unit assessments and final comprehensive projects
Special Notes:	Open to all students
Prerequisites:	None

Game and Applications Design

Credit: 0.5

Description:	<i>Game and Applications Design</i> is intended to introduce students to the basics of computer programming and computer science. Students will be learning different methods of programming and will create their own games and applications. Various coding methods, including binary and JavaScript, will be covered.
Offered:	Year A
Grade Level:	10-12
Final Assessments:	Unit assessments and final comprehensive projects
Special Notes:	Open to all students
Prerequisites:	None

Woodworking

Credit: 0.5

Description:	<i>Woodworking</i> is designed to introduce students to woodworking and other material fabrication. Students will be exploring the techniques of woodworking as well as manufacturing and selling products. In addition, students will learn how to safely use, operate, and maintain various tools and machines used in the woodworking industry.
Offered:	Yearly
Grade Level:	10-12
Final Assessments:	Unit assessments and final exam
Special Notes:	Open to all students
Prerequisites:	None

Technical Drawing

Credit: 0.5

Description:	Tech Drawing is designed to introduce students to the field of technical drawing, design, and engineering. Students will be using drawing tools and techniques to create technical drawings that are within the American National Standards Institute (ANSI) guidelines.
Offered:	Yearly
Grade Level:	10-12
Final Assessments:	Drawing Plates; Unit assessments; Portfolio; Final Exam
Special Notes:	N/A
Prerequisites:	None

Computer Aided Design (CAD)

Credit: 0.5

Description:	CAD is designed to introduce students to the field of Computer Aided Design. Students will be using AutoCAD to create computerized technical drawings that are within the American National Standards Institute (ANSI) guidelines. A prerequisite of Technical Drawing is required to take CAD.
Offered:	Yearly
Grade Level:	10-12
Final Assessments:	Unit assessments; Projects; Final Exam
Special Notes:	N/A
Prerequisites:	None

World Languages

All students must earn 1 WL credit to graduate from high school. The WL criteria of an Advanced Regents diploma through the Bi-Literacy Pathway requires a student to pass a 3 unit sequence in a WL, Checkpoint B WL, and a state approved Bi-Literacy exam. The WL criteria of an Advanced Regents diploma without the Bi-Literacy pathway requires a student to pass a 3 unit sequence in a WL (7/8th, 9th, & 10th) and Checkpoint B WL which is given at the culmination of 10th grade.

Intro to World Languages

Credit: N/A

Description:	Introduction to World Languages includes a brief introduction to French and a brief introduction to Spanish, covering basics such as, greetings, introductions, classroom commands, numbers, and colors. Students decide at the end of the 10 week course whether to continue studying French or Spanish and enroll in level 1A of that language for the rest of the year.
Offered:	Yearly
Grade Level:	7
Final Assessments:	
Special Notes:	Students will pick French 1A or Spanish 1A for the remainder of the year.
Prerequisites:	None

French

French 1A

Credit: N/A

Description:	French 1A is the first half of a Level I course. Students will receive one high school credit upon satisfactory completion of French 1A <i>and</i> French 1B. Students will be introduced to the French language and the cultures of the many and varied people who speak it. The four skills of listening, speaking, reading and writing are introduced in keeping with the New York State Regents Learning Standards for World Languages.
Offered:	Yearly
Grade Level:	7
Final Assessments:	Local Exam
Special Notes:	N/A
Prerequisites:	French 7

French 1B

Credit: 1

Description:	Students continue to communicate in the target language through interpersonal speaking and writing, presentational speaking and writing, and interpretive reading and listening. The class has an emphasis on helping each student to become a competent communicator. Students engage in hands-on learning, personalized activities, projects, songs, games and conversations to enhance their learning of French and French-speaking cultures. The four skills of listening, speaking, reading and writing continue to be taught in keeping with the New York State Regents Learning Standards for World Languages.
Offered:	Yearly
Grade Level:	8
Final Assessments:	Regional World Languages Checkpoint Exam
Special Notes:	Satisfies Checkpoint A of the communicative objective of the New York state Syllabus
Prerequisites:	French 1A

French II

Credit: 1

Description:	French II follows French 1B and is a more in-depth course of study. Students move from being able to describe their surroundings to talking about the past and developing a story. This is a crucial year in preparation for the Regional Exam which takes place after French 3.
Offered:	As needed.
Grade Level:	9-12
Final Assessments:	Local Exam
Special Notes:	N/A
Prerequisites:	French IB

French III**Credit: 1**

Description:	French III is an advanced French class that continues to emphasize the four components of language: speaking, listening, reading and writing. Students will continue to acquire new vocabulary while advancing their speaking skills. Emphasis this year is on advanced grammar and sentence structure.
Offered:	As needed.
Grade Level:	10-12
Final Assessments:	Local Exam; Regional WL Checkpoint B Exam
Special Notes:	N/An
Prerequisites:	French II

French IV (MVCC FR191 & FR192)**Credit: 1**

Description:	This course is a dual credit course with MVCC French 191 and French 192 - Review French. After successfully passing the WL Examination in French, students have the opportunity to further develop their skills in French. This course continues the development of grammar, cultural understanding, reading, writing, and conversation skills and is presented at an accelerated pace. Students will earn 3 credits for the fall semester and 3 credits for the spring semester for a total of 6 college credits. Students will earn 3 credits for the fall semester and 3 credits for the spring semester for a total of 6 college credits.
Offered:	Yearly
Grade Level:	11
Final Assessments:	Local exam
Special Notes:	This is a dual 6 credit course with MVCC
Prerequisites:	French III

French V (MVCC FR201 & FR202)**Credit: 1**

Description:	An integrated approach to language acquisition will be used as students read works of literature, use selections from popular media, prepare oral presentations, and continue to explore Francophone cultures more deeply. Students are expected to have a solid mastery of French grammatical structures and be willing to use French as the main language of communication. Students will earn 3 credits for the fall semester and 3 credits for the spring semester for a total of 6 college credits.
Offered:	Yearly
Grade Level:	12
Final Assessments:	Local exam; WL Checkpoint C Exam and Seal of Biliteracy Project
Special Notes:	This is a dual 6 credit course with MVCC
Prerequisites:	French IV

Spanish

Spanish IA

Credit: N/A

Description:	Spanish 1A is the first half of a Level I course. Students will receive one high school credit upon satisfactory completion of Spanish 1A <i>and</i> Spanish 1B. Spanish IA strengthens student skills in reading and listening comprehension, writing, and speaking. Students learn to initiate and sustain conversation as well as read short narratives and authentic material. Students are introduced to the geography and culture of the Spanish speaking countries.
Offered:	Yearly
Grade Level:	7
Final Assessments:	Local Exam
Special Notes:	
Prerequisites:	Spanish 7

Spanish IB

Credit: 1

Description:	This class is designed for students who would like to begin study of Spanish or for those who have not yet earned the one credit in second language required for a Regents high school diploma. The objectives of the course are to develop basic communication skills in Spanish and to lay the foundation for continued study of the language. A broad variety of vocabulary and basic structures of the language prepare the student to use Spanish for the functional purposes of communication. Elements of the geography, history and culture of Spanish-speaking peoples are included to support students' cultural knowledge and understanding.
Offered:	Yearly
Grade Level:	8
Final Assessments:	Regional World Languages Checkpoint A Exam
Special Notes:	Satisfies Checkpoint A of the communicative objective of the New York state Syllabus
Prerequisites:	Spanish 7 & 8

Spanish II

Credit: 1

Description:	This course builds upon the foundation laid in Spanish IA & IB and begins to prepare students to take the WL Examination at the conclusion of Spanish III. Continued study of vocabulary and structural components of the language further develop students' skills in using Spanish for the functional purposes of communication. Authentic materials from Spanish-speaking cultures are integrated into instruction in order to further students' knowledge and understanding of Latino language and cultures.
Offered:	Yearly
Grade Level:	9-12
Final Assessments:	Local Exam
Special Notes:	Spanish II is a requirement for Spanish III
Prerequisites:	Spanish IA & IB

Spanish III

Credit: 1

Description:	Spanish III continues to provide students opportunities to develop their communication skills in Spanish while preparing students for the WL Examination in Spanish, which is the Local Examination for the course. Instruction will occur primarily in Spanish and students will read articles from current Spanish magazines, newspapers and online publications in order to discuss and critique them. Students will take 4 practice exams during the year.
Offered:	Yearly
Grade Level:	10-12
Final Assessments:	Local Exam; WL Checkpoint B
Special Notes:	Students are required to take the Spanish III Assessment (Checkpoint B) at the conclusion of this course.
Prerequisites:	Spanish II

Spanish IV (MVCC SP191 & SP192)**Credit: 1**

Description:	This course is a dual credit course with MVCC Spanish 191 and Spanish 192 - Review Spanish. After successfully passing the WL Examination in Spanish, students have the opportunity to further develop their skills in Spanish. This course continues the development of grammar, cultural understanding, reading, writing, and conversation skills and is presented at an accelerated pace. Students will earn 3 credits for the fall semester and 3 credits for the spring semester for a total of 6 college credits.
Offered:	Yearly
Grade Level:	12
Final Assessments:	Local exam
Special Notes:	This is a dual, 6 credit course with MVCC
Prerequisites:	Spanish III

Spanish V (MVCC SP201 & SP202)**Credit: 1**

Description:	An integrated approach to language acquisition will be used as students read works of literature, use selections from popular media, prepare oral presentations, and continue to explore Francophone cultures more deeply. Students are expected to have a solid mastery of Spanish grammatical structures and be willing to use Spanish as the main language of communication. Students will earn 3 credits for the fall semester and 3 credits for the spring semester for a total of 6 college credits.
Offered:	Yearly
Grade Level:	12
Final Assessments:	Local exam; WL Checkpoint C Exam and Seal of Biliteracy Project
Special Notes:	This is a dual, 6 credit course with MVCC
Prerequisites:	Spanish IV