

**Kingswood Regional High School &
Lakes Region Technology Center**

Program of Studies

2024/2025



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CEEB# 300636**

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Kingswood Regional High School & Lakes Region Technology Center

Administration

Paul Famulari	KRHS Principal
Grady Charland	KRHS Vice Principal
Kathy Tetreault	LRTC Principal

School Counselors

Lara Crane	A-C Class of '27; A-B Classes of '25, '26; '28 TBD; Dept. Head
Kristan Sheffer	C-H Class of '25; C-K Class of '26, D-K Class of '27; '28 TBD
Wendy Huggard	I-M Class of '25; L-M Class of '26; L-R Class of '27; '28 TBD
Shelly Ispan-Laing	N-Z Classes of '25, '26; S-Z Class of '27; '28 TBD
Anika Hastings	School Social Worker, MSW
Lisa Simons	Registrar
Kristine Giunco	Counseling Center Administrative Assistant

Dear Students:

This Program of Studies has been designed to provide you and your parents/guardians with the basic information you will need to make your course selections for the next school year. We have included in this booklet the requirements necessary for graduation, suggested or required course sequencing and a description of all courses available at Kingswood Regional High School (KRHS) and Lakes Region Technology Center (LRTC). *The availability of course offerings in this publication are subject to demand, enrollment, and staffing decisions.*

We hope that as you and your parents/guardians read through this document and make your decisions as to what courses you will select that you will keep in mind the many options and opportunities you have during your high school years to develop your interests and sharpen your academic skills. Please also refer to the New Hampshire Department of Education Career Pathways to help you facilitate the selection of courses that are appropriate for you.

Please remember that this document is only one of many resources available to you as you build a four-year high school plan. Many people can be helpful in this process including your parents/guardians, your classroom teachers, and teachers of subjects you are interested in taking, your TASC advisor, and the KRHS/LRTC counseling staff. The Counselors are available to meet with both students and parents/guardians to talk about course selection and registration. You may arrange for a meeting by calling 603-569-2055 X1008 to set up an appointment. Classroom teachers are available during their prep period or before and after school. They will return phone calls and make appointments on specific course selections and inquiries.

The greatest resource a student has is his or her own interest in education and the motivation to learn. Now is the time to ask yourself what you want to gain from high school and how you can best achieve these goals.

Sincerely,

The Administration and School Counseling
Kingswood Regional High School & Lakes Region Technology Center

Accreditation Statement

Kingswood Regional High School and Lakes Region Technology Center are accredited by the New England Association of Schools and Colleges (NEASC), Inc., a non-governmental, nationally recognized organization whose affiliated institutions include elementary schools through collegiate institutions offering post-graduate instruction.

Accreditation of an institution by the NEASC indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer group review process. An accredited school or college is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the NEASC is not partial but applies to the institution as a whole. As such, it is not a guarantee of the quality of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

Inquiries regarding the status of an institution's accreditation by the New England Association should be directed to the administrative staff of the school or college. Individuals may also contact the Association:

New England Association of Schools and Colleges
3 Burlington Woods Dr. Suite 100
Burlington, MA 01803-4514
Phone: 781-425-7700 Toll Free: 855-886-3272

Statement of Nondiscrimination

The Governor Wentworth Regional School Board, in accordance with the requirements of the federal and state laws, and the regulations that implement those laws, hereby formally declares that it is the policy of the Board, in its actions and those of its employees, that there shall be no discrimination on the basis of age, sex, race, creed, color, marital status, physical or mental disability, national origin, or sexual orientation for employment in, participation in, admission/access to, or operation and administration of any educational program or activity in the District.

A lack of proficiency in English will not preclude admission to the technology education programs. ESOL services are available in the Governor Wentworth Regional School District.

The Superintendent or designee shall designate a district administrator to be Title IX Coordinator and receive inquiries, complaints, and other communications relative to this policy and to the applicable laws and regulations concerned with non-discrimination at:

Title IX Coordinator SAU #49
PO Box 190
Wolfeboro Falls, NH 03896-0190
(603) 569-1658

This policy of non-discrimination is applicable to all persons employed or served by the district. Any complaint or alleged infraction of the policy, law, or applicable regulations will be processed through AC-R. This policy implements PL 94-142, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act, Title VI or VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, and the laws of New Hampshire pertaining to non-discrimination.

Section 504

The Governor Wentworth Regional School District does not discriminate regarding access to or participation in its facilities, programs, or practices on the basis of handicap in violation of Section 504. The assistant principal of Kingswood Regional Middle School has been designated as the Coordinator for Section 504 of the Rehabilitation Act of 1973 to hear and review any issues, complaints, grievances, or matters pertaining to the educationally disabled in the GWRSD. Persons with questions or concerns about such issues should contact:

Kevin Welch, Assistant Principal
Kingswood Regional Middle School
404 S. Main St.
Wolfeboro NH 03894
603-569-3689

Special Services Programs

Grades 9-12

Special Education teachers provide services to students who have learning needs and an individualized education plan (IEP). A student is enrolled in these programs upon recommendation of the special education team. Supported study with a special education teacher is scheduled based upon student need. Specialized instruction in life skills English, life skills math, and practical life skills is provided by a special education teacher for credit based upon IEP objectives.

Library Media Center

The Library Media Center (LMC) at Kingswood Regional High School supports the philosophy and the goals of the high school. The mission of the LMC is to ensure that students and staff are effective users of ideas and information. The school library media program provides a wide range of resources and information that satisfy the educational needs and interests of students. The LMC is the laboratory where students may explore, more fully, classroom subjects that interest them, expand their imagination, delve into areas of personal interest, and develop the ability to think clearly, critically, and creatively.

Students have access to the LMC before and after school, during break and lunch. Students may also come to the LMC from Study Hall on individual passes. Classroom teachers and the library media specialists coordinate instruction on the access and application of information and research.

The LMC provides a setting where students develop skills they will need as adults to locate, analyze, evaluate, interpret, and communicate information and ideas in an information rich

world. Students are encouraged to realize their potential as informed citizens who think critically and solve problems, to observe rights and responsibilities relating to the generation and flow of information and ideas, and to appreciate the value of literature in an educated society.

Core Values and Beliefs About Learning

We believe that **ACADEMICS** should be at the heart of what we do. We value rigor, depth of learning, grit, and creativity in preparing students to be engaged and active learners. We believe that permanent learning occurs when the knowledge and skills are directly relevant to the student's life and goals, and that students learn best when given the opportunity to solve authentic problems. All students should have opportunities to become inquisitive and critical thinkers.

We believe that **RESPECT** for each individual in our community begins with an understanding that all students have the potential to achieve. Our school values diversity in culture and thought. We believe that each student has something uniquely valuable to offer our school and community. We believe that students should respect themselves and others and have a commitment to their own health and well-being.

We believe that taking **RESPONSIBILITY** promotes personal growth and development. We believe that all aspects of learning are enriched by a culture of personal integrity and honesty. We also believe that in the 21st Century, the responsible use of technology is a vital tool in teaching students and for students to teach themselves.

We believe that our learning **COMMUNITY** should offer an equitable and flexible environment that advocates for the self-efficacy of each child. We believe that students must feel safe, both physically and emotionally, in their school and their classrooms. Students should experience equal opportunities to work as a member of a group and become decisive leaders.

We believe students welcome the opportunity to develop skills that will serve them well in the modern workplace. We believe that it is important for students to see how their education will be useful to them and seek to make connections between the academic work and the world beyond the classroom. We believe that national and global awareness, teamwork, leadership, and civic skills are a significant part of a student's ability to contribute to society. We believe students should be lifelong learners able to collaborate with others, think critically and creatively, and communicate their ideas effectively.

What 21st Century Skills will our students need in order to be successful?

ACADEMIC

- Be an effective communicator
- Be a critical and creative thinker
- Be a life-long learner and take risks targeted toward personal growth

SOCIAL

- Exhibit teamwork and leadership skills
- Have a personal responsibility and accountability

CIVIC

- Have respect for self and others and display good citizenship
- Be nationally and globally aware

Block Scheduling

KRHS utilizes a block scheduling format, also known as a 4X4 model. In the 4x4 Block Schedule, the school year is divided into two semesters, (each semester divided into two quarters) and the school day is divided into four instructional blocks of approximately 90 minute periods.

During the first semester, students are enrolled in *four 1 credit courses that meet daily. At the end of the fall semester, students receive the respective credit for each course successfully completed and then enroll in four new courses for the spring semester. (Students may also elect to enroll in .5 credit courses that meet one block per day for one quarter of the school year. Credit for a .5 credit course is earned at the end of the quarter.)

KRHS has lunch during C Block. There are four lunch sessions, each lasting approximately 30 minutes. Each course that meets during C Block is assigned to one lunch session.

*Some courses such as Advanced Placement courses, Concert Band, Concert Chorus, and many of the courses offered in the LRTC do not follow the block scheduling model. Please refer to those course listings for specific information.

Sample Block Schedule:

	Semester One		Semester Two	
	Quarter 1	Quarter 2	Quarter 3	Quarter 4
A Block	Geometry 1 Credit		Creative Design 1 Credit	
B Block	Physical Education .5 Credit	Food & Nutrition .5 Credit	Biology 1 Credit	
TASC	TASC			
C Block	English 10 1 Credit		Desktop Publishing .5 Credits	Study Hall No Credit
D Block	Office Software Applications. 1 Credit		American Government 1 Credit	

Note: One credit courses such as English 10, Biology, Geometry and American Government used in this example only come in 1 credit increments and meet for two quarters or one semester. Students **may not** earn partial credit for semester courses. Should they withdraw or fail one quarter, they will not receive partial credit for the quarter they completed/passed.

TASC

Teacher Assisted/Student Centered (TASC) Intervention Block for all students. The primary goal of TASC is to provide intervention and academic support for students within the school day, to provide enrichment and supplemental learning for students experiencing academic success and provide all students with access to their teachers during the academic day.

TASC block meets every day for approximately 45 min. Students are each assigned to a TASC Homeroom for the year. The first day of the week in TASC is the Planning Day. The remaining days of the week are Intervention Days.

Mondays: Current class averages are uploaded to the TASC software at the end of each week. On Mondays, students report to their TASC Homeroom and review academic progress with their teacher. (If a holiday or bad weather on Monday, Tuesdays will be the planning day.) At this time, students and teachers schedule their TASC time for the rest of the week. Students with an average of 75% or less will be scheduled to that class during TASC; after students review pre-bookings, they may request to be assigned to a teacher during TASC. Students will receive a printed copy of their TASC schedule for the week.

Tuesday-Friday: TASC Intervention Days- Students report to subject teachers as per their TASC schedule. During TASC, teachers will offer subject-specific help: re-explaining concepts, clarifying course expectations, provide time for make-up work, quizzes, tests, and follow-up work.

Student Expectations during TASC:

- Be present: Students will be marked "Present/Inactive, Present/Active, Absent. Students will remain in their assigned location until TASC is dismissed.
- Be on task: Students are expected to be productive during TASC; all school-wide behavioral expectations apply during TASC.
- Be responsible: All students will be expected to work during TASC; all expectations of student conduct will be enforced during TASC.

Student Services & Supports

Your counselors at Kingswood Regional High School believe that counseling is the key to the student services they offer. Counseling is a type of helping relationship in which counselor and student communicate about feelings, attitudes, plans, and ultimately about decisions. The counselor is in a position to act as a listener, offering alternatives and information so that the student may more fully develop her/his self-understanding and capacity for self-direction.

Teachers are in an ideal position to be aware of students in need of counseling and refer them to the school counseling department. When a student manifests her/his inability to be a good school citizen or other signs of poor adjustment, the counseling process may help her/him. The school counselors may also, with parental permission, refer to outside agencies if the student's needs cannot be met within the school structure.

Students are encouraged to make use of counseling services by making their own appointments with the counselor who is alphabetically assigned to them. Students should see the counseling department administrative assistant to schedule appointments before school, during break and

lunch, or after school. If there is an emergency, let someone know that you need to talk to a counselor immediately. All students arriving in the counseling office during a class period must have a pass from their respective teacher.

Social work services are also available through the counseling department. School Social Workers are the line between the home, school, and community and provide services related to students' social, emotional, and academic adjustment to promote school success. Services may include counseling, crisis intervention, conflict resolution, consultation with parents and staff, home visits, and assisting families with accessing and utilizing school and community resources.

The counseling library has comprehensive access to school, college, technical, and other educational materials. The SCOIR computer program is available to students and the community to research career and educational opportunities. Group counseling and counseling sessions will be conducted as needed to best serve the interests of the greatest number of students.

Please visit the KRHS School Counseling Website for a full listing of services available and to access helpful online tools for both parents and students. Go to www.kingswoodhighschoolcounseling.org.

Kingswood Regional High School College Entrance Examination Board Number is 300636.

Student Scheduling and Add/Drop Policy

Since all students are required to carry a minimum of 7 credits per year, the majority of all requests to change a course will automatically require that a course of equivalent credit value be added. Thus, the course change policy is often called an add/drop policy.

A student's course schedule is prepared each spring based upon the requests of that student. Prior to selecting their courses, students are asked to carefully consider their future plans, strength/weaknesses, educational needs, and to seek parental, counselor, and teacher advice. After making these considerations, students select at least 7 courses and 3 alternatives for the coming school year. Each student has the opportunity to revise their schedule prior to the end of the school year should the following occur:

1. The preliminary student schedule reveals that an error was made in processing the course request
2. An unforeseeable event has altered the student's plans
3. Grades issued on the final report card necessitate a change in schedule for the coming year

Quarter 1 schedule changes must be made before school breaks for summer. For Quarter 2, 3, 4, students must make schedule changes prior to the start of the semester/quarter. Once a semester or quarter begins, students may not make schedule changes. The only time a student may drop a course in order to add another course is if the student has been placed in the wrong level (i.e., S/CTP/Honors), or there is an administrative directive. In these rare instances, a parent-teacher conference will be required, and there is no guarantee that a replacement course will be available. In most instances, students dropping a course will be assigned to a study hall. No student will be removed from a course until a parent-teacher-student-counselor communication occurs.

Students who wish to drop a course for a study hall may do so providing they are carrying the minimum 7 credits per year. Students must wait until after the 5th day of the quarter/semester to request dropping a course. In this instance, the student will meet with their school counselor to discuss the reason for the change. The student is given proper add/drop procedures, appropriate forms to be filled out, signed, and returned to the counselor. Written parent/guardian approval is required.

If a student drops a course for any reason, and this occurs within the first 7 days of a semester/quarter, no grade will be assigned, and the course will NOT be reflected on the student's transcript. The student will be placed in a study hall for the remainder of that semester/quarter. A course dropped after the first 7 days of a semester/quarter, WILL be reflected on the student's transcript with the student's grade of either WF or WP, noting whether the student was passing or failing at the time of the withdrawal. ***Students may not drop a course 14 days prior to the end of a semester/quarter.***

Grading Procedures

Grading System: A student's academic performance is indicated by numeric grades. Letter equivalents for numeric grades above are as follows:

93-100 = A	75-83 = C
84-92 = B	65-74 = D
64 and Below = F	

The final grade for a one-credit course will be the average of the two marking periods plus the midterm and final exam grade. Half credit courses will be the average of the marking period plus the final exam grade. A student's GPA is calculated based on quarter grades and is weighted.

Make-up work that is not completed within the student/teacher agreed upon time frame will be given a grade of zero. In the case where make-up work occurs at the end of a given term and there is a documented health issue, students have up to 10 school days to rectify issues impacting their quarterly grade. No final term grade changes will occur after 10 days. Students are responsible for following up with their teachers in these instances.

Course Selection and Grade Weighting

Many sequential courses in the Kingswood Program of Studies require students to earn a minimum grade level in the previous course in order to elect the next level. These requirements, or prerequisites, are outlined in the specific course descriptions. These requirements are to identify competency levels needed for success in the next course in the sequence. Kingswood Regional High School and Lakes Region Technology Center staff recognize that certain circumstances may exist where that policy might be waived with parent-teacher-Academic Coordinator consultation.

Course Code Lettering: AP-Advanced Placement; H-Honors; CTP-College/Tech Prep
S-Standard

Course Criterion

Standard Course- basic high school diploma- ***does not prepare the student for post-secondary education, but rather basic skills for employment.***

1. Broad based skills-concept and reasoning development
2. Homework assignments and a research project
3. Objective and subjective or practical or skill application testing
4. Final exam required
5. Instruction focused on near grade level reading ability
6. Teacher recommendation

College/Tech Prep Course- preparing students for employment, and technical or two/four-year post-secondary schools.

1. Advanced reasoning and conceptual development
2. Considerable written/reading homework and research project
3. Objective and subjective test or practical or skill application testing
4. Final exam required
5. Instruction focused on or above grade level reading ability
6. Teacher recommendation

Honors Course- preparing students for employment, and/or technical, two/four-year post-secondary schools.

1. Complex skill reasoning and conceptual development
2. Extensive homework and/or independent project or thesis
3. Primarily subjective testing or composite application of skills
4. Final exam required
5. Above grade level reading speed and comprehension
6. Teacher recommendation

Grading Scale/GPA Weights

KRHS operates on a weighted 4.0 scale. All P.E. classes, Health & Wellness classes are graded, but not factored into GPA or class rank.

<u>GRADE</u>	<u>H/AP</u>	<u>CTP</u>	<u>S</u>
100 (A)	4.000	3.500	3.000
99 (A)	3.960	3.465	2.970
98 (A)	3.920	3.430	2.940
97 (A)	3.880	3.395	2.910
96 (A)	3.840	3.360	2.880
95 (A)	3.800	3.325	2.850
94 (A)	3.760	3.290	2.820
93 (A)	3.720	3.255	2.790
92 (B)	3.680	3.220	2.760
91 (B)	3.640	3.185	2.730
90 (B)	3.600	3.150	2.700
89 (B)	3.560	3.115	2.670
88 (B)	3.520	3.080	2.640
87 (B)	3.480	3.045	2.610
86 (B)	3.440	3.010	2.580
85 (B)	3.400	2.975	2.550
84 (B)	3.360	2.940	2.520
83 (C)	3.320	2.905	2.490
82 (C)	3.280	2.870	2.460
81 (C)	3.240	2.835	2.430
80 (C)	3.200	2.800	2.400
79 (C)	3.160	2.765	2.370
78 (C)	3.120	2.730	2.340
77 (C)	3.080	2.695	2.310
76 (C)	3.040	2.660	2.280
75 (C)	3.000	2.625	2.250
74 (D)	2.960	2.590	2.220
73 (D)	2.920	2.555	2.190
72 (D)	2.880	2.520	2.160
71 (D)	2.840	2.485	2.130
70 (D)	2.800	2.450	2.100
69 (D)	2.760	2.415	2.070
68 (D)	2.720	2.380	2.040
67 (D)	2.680	2.345	2.010
66 (D)	2.640	2.310	1.980
65 (D)	2.600	2.275	1.950
64 (F)	0.000	0.000	0.000

Pass/Fail Grading

Some courses are graded on a Pass/Fail (P/F) basis. Please note that a percent equivalent is attached to the P or the F issued in order to facilitate those grades being included in the calculation

of Honor Roll. (P=84, F=64). These courses are not factored into GPA. Please see individual course offerings to determine which courses are graded P/F.

Homework Policy

STATEMENT OF PURPOSE

The purposes of homework are:

1. To provide a necessary review of skills and concepts learned in school
2. To provide an extension of skills learned in school
3. To stimulate interest in educational activities and opportunities outside of school; to increase involvement of family members in the learning process
4. To teach students to assume responsibility for the completion of assignments
5. To help students organize their time and materials
6. To improve independent study, reading habits, and writing skills

GUIDELINES

1. Monday through Friday, normally
2. Except for special assignments (research, term papers, etc.), the usual time required to complete homework will be 20 to 40 minutes per subject area
3. Where applicable, all assignments will be collected on the due date and checked by the assigning teacher

Academic Responsibility

Late Work Procedure: Completion of class work and assignments during the course of a teaching unit is essential to the learning process and mastery of course understandings. Teachers will determine under what conditions late work will be accepted during the span of a unit. **However, no late assignments will be accepted once the unit has been completed (unit test/assessment).**

Make-Up Work

Students who could use additional assistance or need to make up a test can make an appointment with their appropriate teacher to do so during TASC or after school. Students seeking this assistance after school do not have to be at athletic practice or club meetings until 3 PM. Upon returning to school, it is the student's responsibility to request make-up assignments from the classroom teachers. Make-up work not completed within the agreed upon timeframe will automatically receive a zero grade. In cases of planned absences such as vacations or missing classes because of sports functions, arrangements for missed classes and assignments must be made with each teacher prior to approval of the absence.

If a student needs schoolwork sent home due to a prolonged, excused absence (in excess of five (5) days), a request must be submitted in writing or by phone from the parent or guardian of the student to the school. Work may be collected in the front office 48 hours after the request has been made. Parent/guardians are encouraged to call prior to picking up work to verify work has been collected.

In instances where a student is out for less than 5 days, the student shall contact the teacher upon their return to make up missed work in a timely manner.

Examinations

Final exams will be administered to all students in half and full credit courses. The building principal, working in relationship with the academic coordinators, will plan the exam schedule. The exam schedule will then be published and announced to students. No student will be required to take more than two final exams on a given day.

Final exams in half credit courses will count as 20% of the grade. Midterms and final exams will count for 10% each in one-credit courses.

Interim Progress Reports

With the advent of PowerSchool, parents and students can access student grades, 24/7. **Interim reports are not mailed home.** During the noted interim dates, teachers will have grades up to date, so parent/students will have accurate information on the student's progress via the PowerSchool parent/student portal. Both parents and students will need their username and password to access PowerSchool. This information remains the same throughout a student's career at KRHS. If you DO NOT have access to a computer, contact the School Counseling office and request that printed student progress reports be mailed to you.

To access the PowerSchool parent/student portal, please go to www.kingswoodhighschool.org. Select Resources at the top right side of the home page. Select PowerSchool - Student - Parent. Access is also available on the School Counseling home page Quick Links.

Report Cards

Report cards are only mailed home at the end of the school year in June. Quarter/Semester grades can be viewed online via PowerSchool. Generally, final grades are posted to PowerSchool 10 days after the close of a quarter/semester. A final year-end report card will be mailed home to all students and serve as written documentation of a student's grades and credits for the year. Parents/guardians who are not able to access PowerSchool may contact the School Counseling office to arrange to have report cards mailed home at the end of each quarter/semester.

Honor Roll

The honor roll is based on numerical quarter grades. All students who maintain a numerical quarter grade in all classes of 93 to 100 will receive Highest Honors recognition. All students who maintain a numerical quarter grade of 84 to 92 or higher in all classes will receive Honors recognition.

Credit Recovery Options

Students who have completed a course in its entirety and failed the course but have received a grade average above 50%, may receive prior approval from School Counseling to take a correspondence course or VLACS course through KRHS to recover lost credit. All course offerings are to be from an accredited institution/program and are monitored by the School Counseling Department and the specific subject area teacher. No more than two courses are

allowed per year. **Correspondence courses or VLACS courses are graded on a P/F basis and are excluded from GPA calculations.**

A maximum of three credit-recovery courses may be taken during the course of four years.

Repeating a Failed Course/Summer School

Students who have completed a course in its entirety and failed the course but have received a grade average above 50%, may repeat the course in a certified summer school with the approval of administration. Students who utilize summer school for credit recovery will receive a Pass/Fail grade on their transcript, and the original failure remains on the student transcript.

If a student repeats a course in a summer school other than Kingswood, the Academic Coordinator reserves the right to administer an objective test to the student before final credit is granted. The School Board has the right to grant exceptions to this policy upon written request from the parents or guardian of the student involved, or upon recommendation of the superintendent.

Repeating a Passed Course

Students may only repeat a course if they have failed the course and earned no credit. In rare instances where a student wishes to repeat a successfully completed course where credit has been earned, they must have approval. Students should understand that, while the new grade will be posted on the student's transcript, no credit will be awarded for the repeated course, nor will the new grade be averaged into GPA and rank. Nor will the original course grade and GPA credit be removed from the student's transcript.

Athletics and Extracurricular Activities

Kingswood Regional High School athletes must follow the district co-curricular eligibility requirements as well as follow the New Hampshire Interscholastic Athletic Association (NHIAA) requirements.

In addition, all students must have passed and received credit for a minimum of three 90-minute blocks (or the equivalent of three 90 minute blocks) of course time during the previous marking term AND be enrolled in and attending three 90 minute blocks (or the equivalent of three 90-minute blocks) of course time in the present marking period to be eligible for athletics. (Eligibility will be based on quarter grades, not the cumulative semester grade.) Credits earned in summer school, Extended Learning Opportunities, or any other out-of-school programs do not apply to eligibility. Withdraw Failure (WF) is considered a failed course. Incompletes are not to be considered passing grades for purposes of eligibility.

High School students will be required to meet academic standards established by this policy for participation in extra-curricular activities as follows: Student participants shall maintain good citizenship. Student participants must be passing all classes in which they are enrolled and have no more than one grade of D based upon the latest quarter grade.

In the case of all extra-curricular activities, unless otherwise mandated by the NHIAA for athletics, students academically ineligible due to grades from the latest quarter may regain eligibility based upon a progress report that meets the eligibility standards.

Advanced Placement (AP) Program

The AP Program helps schools establish one-year, college level courses for students and provides examinations to help colleges judge a candidate's qualifications for college credit and/or advanced placement.

AP Course offerings at KRHS include 11th Grade: AP World History, AP English 11 Language and Composition (AP World History and AP English 11 must be taken concurrently by all Grade 11 students enrolled); 12th Grade: AP Calculus, AP Biology, and AP Studio Art. AP courses are offered according to interest, demand, and available teaching staff. Priority enrollment in AP courses is given to *full time* students based on GPA, attendance, and current performance. Enrollment is not guaranteed; it is not uncommon for students to be waitlisted for some AP courses in high demand, and not uncommon for a course not to run due to lack of demand from students.

In order to be eligible for the possibility of college credit or advanced placement, a student must take the AP course exam given in mid-May. Advanced Placement Examinations are offered by the College Entrance Examination Board, a non-profit membership organization that provides tests and other educational services for students, schools, and colleges. **The cost of the exam will be the responsibility of the student and must be paid on or about October 1. (Expected approx. cost 2024/25: \$98 per test, fees subject to change.)** Students should review the advanced placement policies with the specific Academic Coordinator and with the colleges in which they are interested in attending.

Work Experience Credit

Grades 12

¼ Credit per 100 hours – maximum of 1 elective credit per transcript allowed.

Work experience credit is one option for students to **recover lost elective credit** towards graduation requirements. Seniors who have evidence of holding **documented** employment (meaning the student receives a paycheck and/or a W-2) may request Work Experience Credit, up to **1 Elective Credit** from the KRHS School Counseling department designee. Students will need to submit official paystubs that document hours worked and hourly rate of pay. Hours worked must be dated July 1 of the student's senior year through one week before the scheduled graduation date. Students may submit more than one job for consideration in cases where they have held several jobs. Credit will be issued for a minimum of 100HRS/.25 Credit and a maximum 400HRS/1 Credit.

Driver Education

Driver Education is offered through the Drivers Edge to students who are 15 ½ years and older and have their parent's/guardian's permission. The course is divided into two parts. The classroom portion takes place after school hours. The in-vehicle instruction is offered during the student's study hall and/or non-school time. Successful completion of this class makes the student

eligible to apply for the New Hampshire driver's license. Information about signing up for Driver's Ed. may be obtained on the website www.driversedgenh.com.

Extended Learning Opportunities (ELO)

This program not available 24-25

It is the policy of the Governor Wentworth Regional School Board to allow Extended Learning Opportunities (ELO) to meet the diverse needs of Kingswood Regional High School students. It is the intent of the Board to improve student achievement in situations where regular classrooms are not practical or effective. Such opportunities may provide credit or supplement regular academic courses. Credits may be granted for extended learning activities, including, but not limited to, private instruction, internships, performing groups, community services, and independent study. Generally, students or their parents/guardians shall be responsible for all related expenses including tuition, transportation and textbooks and materials.

All Extended Learning Opportunities must be aligned with the educational goals and objectives of Kingswood Regional High School's instructional program.

Application and Approval Process: The ELO application should be completed and submitted to the ELO teacher, who will follow up by scheduling a meeting with the student to explain in detail the ELO process and evaluation procedures. The ELO teacher will work with the student to complete the ELO planning tool and associated paperwork, including parent/guardian permission. The ELO teacher will supervise and support the student throughout the ELO process.

Evaluation of the ELO: The ELO experience will be evaluated on a timely basis. The evaluation process will include the following:

1. A weekly reflection on the ELO experience that is shared with the ELO teacher and community partner/supporting teacher.
2. A final product and presentation to the student's ELO team.
3. Research, reflection, product, and presentation will each be evaluated by the ELO teacher and team via ELO rubrics that will be made available to the ELO student during the planning process.
4. The ELO teacher will facilitate the request for credit based on above performance.
5. Grades for ELO's will be Pass/Fail and will not be factored into GPA.

Out of School Credit

In order to receive credit for an **elective** educational program not directly affiliated with Kingswood Regional High School, the following requirements must be met:

1. The student must be enrolled in Kingswood Regional High School as a full-time student.
2. The request for credit must be made and approved **BEFORE** beginning the program.
3. The student must enroll in an accredited program when seeking out-of-school approved credit.
4. The program must have a formal description including the number of hours, the syllabus, the assessment procedures, and a contact person.

5. No credit will be awarded until the student produces a formal assessment document at the completion of the program. Approved credits will be noted as Pass/Fail and will not be factored into GPA.
6. Students are permitted to complete up to **three** elective credits per diploma using outside accredited programs.

VLACS

Virtual Learning Academy Charter School (VLACS) - is a New Hampshire accredited, on-line high school, free for New Hampshire residents. Students may take elective courses **not** offered at KRHS through VLACS. In order to receive credit, students must complete the form for VLACS **prior** to beginning the course. Forms are available from your counselor.

Upon completion of the course, it is the student's responsibility to have an official transcript submitted to KRHS. The course will be listed on the student's KRHS transcript as a VLACS Course, Credit Value, Pass or Fail. The course will not be included in the student's GPA. Students who wish to have the VLACS course grades reported out to colleges must arrange through VLACS to have official transcripts sent to the colleges they are applying to.

Note: Student's may use VLACS for core course work only to recover a failed course/credit. The process for approval and transcript notation remains the same as outlined for elective course work. VLACS credit falls under the out-of-school credit policy (max of 3 credits per diploma) listed above.

Lakeside Academy Alternative Program

Lakeside Academy (LSA), a collaborative initiative between Chance Light Educational Services and Kingswood Regional High School (KRHS), is a specialized program designed to empower at-risk students in achieving academic success. Tailoring its approach to individuals of all academic ability levels, LSA offers a computer-based, teacher-supported curriculum. Located off-campus in Wolfeboro, the LSA program operates for three hours a day, aligning with the GWRSD calendar. ***As a partial-day program, students and their families are responsible for providing transportation one way.***

Enrollment in LSA has limited availability and priority is granted to those students ***currently enrolled and attending KRHS*** with the ***earliest graduation dates***. Primarily catering to 12th and 11th-grade students, the program reaches full capacity for the upcoming school year by June.

Approved students, who are endorsed by KRHS Administration, not only benefit from the comprehensive LSA curriculum but also have access to KRHS after-school programs, fostering a holistic educational experience through clubs and sports. Participation in extracurricular activities is contingent on maintaining good academic and attendance standing.

To ensure alignment with the state of NH graduation requirements, LSA also requires students to successfully complete the United States Citizenship and Immigration Services Examination. This rigorous 128-question exam must be passed with a score of 70% or higher, allowing students multiple attempts to underscore the program's commitment to their academic growth and success. (NH RSA 189:11,II)

At Lakeside Academy, we firmly believe that parent/guardian involvement is a key factor in the academic success of our students. Parent/guardian active participation in your student's educational journey, especially in monitoring and encouraging regular attendance, significantly contributes to their overall achievements.

Consistent attendance and meeting weekly work completion goals are **essential for maintaining enrollment at LSA**. Students falling short of these requirements will be offered alternative options, such as Carroll Academy, to ensure a supportive and adaptive educational environment for every participant.

Any questions about the program can be addressed by calling Susan Shatzer or Grady Charland, Co-Directors of Alternative Education at (603) 569-2055.

EARLY COLLEGE

Early College/dual credit/concurrent enrollment is a program offered by the Community College System of NH (CCSNH). This is a design/tool used by the system to offer high school students transcribed college credit for courses offered by their local school district. For a course to be considered for this dual credit option certain conditions must apply. For example: The teacher must meet or exceed the hiring qualifications for CCSNH faculty; the course work and materials must meet the college level content standards, etc. As for the Student, for a nominal fee per course, the student receives all the benefits and resources of any other CCSNH student. At the successful completion of the class, they will have both a high school credit and a college transcribed credit. The transcript from the college does not indicate that the student took the course at a high school. It will indicate that the student successfully completed the college course indicated on the transcript. It is the student's sole responsibility to request the college transcript reflecting Early College credits directly from the issuing college.

Currently we offer Statistics College Level (Math), Medical Technology & LNA (Health Science Tech), Sanitation & Safety (Culinary Arts /Hospitality) Accounting (Business/LRTC), Principles of Marketing (Marketing), Spanish Culture & Civilization H, Office Software Applications H, Chemistry H, Human Anatomy and Physiology I H, French IV & V Honors. Additional information on Early College and articulated college credit is available in the School Counseling office.

NCAA: College Athletic Eligibility Information

Students who are *considering* playing a sport at the college level, specifically Divisions I & II need to carefully review required coursework starting in the 9th grade. It should be noted that the NCAA **only** accepts qualified core courses (English, Math, Science, Social Studies, and World Language) when considering eligibility. The NCAA **only** qualifies CTP, Honors, and AP coursework. **A student's GPA* will be recalculated by NCAA based on the final grade in these core courses only.** Students should earn NO less than a "C" in all core courses to meet minimum qualifications, it is strongly advised to have a "B" or better. SAT/ACT test scores are also required, and the specific score needed will be based on the student recalculated NCAA GPA.

For more information, please go to: <https://www.ncaa.org/student-athletes/future>

It is up to the student and their family to closely monitor the NCAA requirements, and to officially register with the NCAA by no later than 11th grade.

KRHS minimum core course requirements **generally** meet NCAA requirements, provided taken at the CTP, Honors or AP level and the student earns a C or better in these courses. KRHS **does not** take responsibility for monitoring a student’s NCAA eligibility, that is up to the student and their families. NCAA provides great guidelines, handbooks, and other resources on their website to assist student athletes in reaching eligibility. [NCAA Resource page](#).

*Note NCAA GPA Eligibility and College Admissions GPA guidelines are **not** one in the same. College Admissions GPA requirements are **generally higher than** NCAA and will be the first bar the student must reach for consideration regardless of meeting NCAA eligibility.

Graduation Requirements

All students must earn a minimum of 26 credits (accumulated between grades 9-12) to graduate and should carefully plot out course selections over the four year period. (See the KRHS Student Graduation/College Entrance Planner on the back page of this publication.) All students are required to enroll in seven credits of coursework annually. This will ensure that the 26 minimum credits required for graduation are met. The purpose of block scheduling is not to assist students in accumulating credits more rapidly, but instead to provide an opportunity for all our students to explore their various areas of interest in an academic setting. With this in mind, students may make more educated decisions relative to their goals and career choices.

FAFSA (Free Application for Financial Aid)

All graduating students are required to file the FAFSA and/or complete a waiver in their senior year to earn a diploma. (NH RSA 193:26-a).

United States Citizen and Immigration Services Examination (USCIS)

All graduating students are required to successfully pass the **US Citizenship and Immigration Exam**. Students must pass with a 70% or higher on the 128-question exam.

The following is a breakdown of the required and elective credits for graduation:

KRHS Graduation Requirements

Content Area	Number of Credits Required	Required Courses
English	4	English 9, English 10, English 11, English 12
Social Studies	3 ½**	World History (1), American Gov/Economics (1), US History (1), Social Studies Elective (½), 70% or better on USCIS Exam (see note at the bottom of chart)
Mathematics	3+***	Completion of Algebra I & Geometry (+) All students must have a math course or math-content experience all four years
Science	3	Physical Science, Biology, one additional science course

Arts Education	½	All Art, Music, Tech Drawing & Design, Computer Visual Design, Architectural Design, and Photography courses meet this requirement
Physical Education	1	Foundations of PE (1/2), and one (1/2) PE Elective
Health	½	Health & Wellness
Computer	½	Office Software Applications, Computer Visual Design, Technical Drawing & Design I, CAD, Architectural Design courses meet this requirement
Electives	10	Arts Education; World Languages; Business Education; Technology Education; Family and Consumer Science; LRTC Programs; Additional courses to complete 26 credits required. Includes +1 CR math-content course*** <u>taken senior year</u>
Total	26	

** **Social Studies Graduation Requirement as of Class of 2024** As of the KRHS Class of 2024- All students seeking a HS diploma in the State of NH are also required to pass the **United States Citizenship and Immigration Services (USCIS)** examination with a grade of no less than 70%. Students will be provided with study guides to prepare for the examination on their own. The exam will be given during the school day, and students will have more than one opportunity to sit for the exam if needed.

***Math Content Course: Each student must have a specific math department course 9th through 11th grade, and 12th grade a math course or an approved applied math content course. The courses listed below have been approved by the Math Department to meet the applied math requirement for senior year. (LRTC Level III courses are not considered approved math content courses.)

Accounting I, II, & III	Chemistry
Physics	Metal Working Tech II
Wood Technology II	Architectural Drafting
Technical Drawing and Design I & II	Adv. Architectural Drafting

All LRTC Programs Level I & II (must be Grade 12 when enrolled)

Class Standing: Required credits needed for promotion:

From Grade 9 to 10	6 credits
From Grade 10 to 11	13 credits
From Grade 11 to 12	18 credits

Early Completion

Students and their parents may consider the possibility of early completion from high school when plans for work or further education would be enhanced by this experience. If you are interested in investigating this possibility, please make an appointment with your counselor. A parent conference with a counselor and a written request to the administration will be required prior to approval. Students who are approved, and *who have completed all necessary coursework during the first semester of senior year* are considered completed early (not graduated) and will be awarded their high school diploma in June with their graduating class.

This request is not made until Quarter 4 of a student's junior year, after the student's senior year schedule has been released and can meet all graduation requirements.

National Honor Society

The purpose of the National Honor Society (NHS) is to create enthusiasm for scholarship, to stimulate a desire to render service, to promote leadership, and to develop character in the students of secondary schools. Inductions into NHS are held on an annual basis for students who meet all scholarship, character, leadership, and service criteria.

A committee made up of teachers and administrators selects students for the National Honor Society. This committee first looks at the students' academic record; nominees need a minimum 3.6 GPA and outstanding attendance history (no more than 10 absences, tardies and dismissals per year in the high school years leading up to the NHS application) as well *no* disciplinary actions. Students who meet these requirements are invited to apply for NHS. Students are required to write two essays, and provide strong evidence of:

- Community service
- Engagement in schoolwide clubs, activities, and sports
- Demonstrated leadership within school and community activities
- Outstanding character
- Faculty recommendation

NHS is open to students in Grade 11 and 12; invitations are sent to students in September and NHS induction occurs in late October/early November each year.

Career Pathways - NH Department of Education

The Governor Wentworth Regional School District Mission Statement and Commencement Goals emphasize life-long learning and awareness of career and technology choices. Please peruse the following pathway recommendations from the NH Department of Education. These pathways are the sequence of courses or field of study that prepares a person for an entry-level job. These pathways will include linking school-based and work-based learning to assist in career development.

Finding the right career is an exciting and challenging process. With so many choices and decisions to make about the future, planning wise course selections is important for students. We hope that this guide will be a helpful tool to organize your career pathway. To assist you, we suggest the following process:

- Review the following pages answering the interest questions in each career cluster. Do you see a possible career option that suits you?
- Brainstorm with a parent, friend, teacher, community member, your counselor about your career interests. Consider your learning style, personality, likes/dislikes, and future plans.
- Gather information about your career interests. Do you have all the skills needed to shadow a career professional? Are you comfortable with standing and observing a person performing their job? Are you ready to make conversation to find out what you need to know about your future career? What types of courses will I need to take? What specific skills will be needed in order for me to get my job?
- Using this guide, select the courses that will fit your career objective and prepare you for a School-To-Work experience. When choosing courses, you also need to keep in mind KRHS/LRTC graduation requirements.

Although this does require time and energy on your part, we believe that your efforts will ensure success in your future endeavors.

High School Plan of Study – Agriculture, Food & Natural Resource

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

A strong background in the life sciences in addition to the Agriculture Career & Technical Programs is strongly recommended for those students pursuing the Animal and Plant Science and Natural Resources & Environmental Services careers. Anatomy & Physiology is suggested in the Animal Science Pathway. Business electives are encouraged for those interested in Agribusiness. Courses in computer programming are the suggested electives for those studying Power, Structural & Technical Systems. (NHDOE Agriculture Career Cluster, 2004)

High School- CTP or Honors level course work required.			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9	English 10	English 11	English 12
Algebra, or Geometry	Algebra (I or II) or Geometry	Algebra + Geometry or Calculus	Calculus, Algebra II, or Statistics
Physical Science	Biology	Chemistry or Physics	Chemistry or Physics
World History	American Government	U.S. History	Elective
Required Course/Electives	Career Electives	Career and Technology Center Pathways	
PE Health Art World Language Computer	Agriculture Science Small Engines Environmental Science	Agricultural Mechanics Agricultural Production Biotechnology Cartography/Geography Horticulture Floriculture Forestry Landscaping & Grounds Keeping Natural Resources Veterinary Technology	
Career Enhancement Options			
Job Shadowing/Volunteering/ Internship/Mentorship			

High School Plan of Study – Architecture & Construction

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Students will gain valuable, hands-on experience in the Architecture & Construction Cluster. Each pathway teaches fundamental skills and gives hands on experience through lecture, demonstrations, and real life projects. Upon successful completion of a pathway, students will have the entry-level skills necessary to begin a career or enroll in a career and technology college. A student may decide to pursue a four-year post-secondary school if they have been on a college track with their other courses. (NHDOE Architecture and Construction)

High School- CTP or Honors level course work required.			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9	English 10	English 11	English 12
Algebra, or Geometry	Algebra (I or II) or Geometry	Algebra II, Geometry or Calculus	Calculus, Algebra II
Physical Science	Biology	Chemistry or Physics	Chemistry or Physics
World History	American Government	U.S. History	Elective
Required Course/Electives	Career Electives	Career and Technology Center Pathways	
PE Health Art World Language Computer	Art Classes Wood Tech I Metal Tech I Construction Trades Tech Drawing Design Architectural Drawing CAD	Drafting Electrician Building / Construction Trades Electronics Plumbing & Pipefitting Industrial Electronics Pre-Engineering Tech Millwork & Cabinet Making Heating, Air Conditioning & Refrigeration	
Career Enhancement Options			
Job Shadowing/Volunteering/Internship/Mentorship			

High School Plan of Study – Arts, A/V Technology & Communications

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

This career cluster covers a variety of arts, communication, and design avenues, including performing art, fine art, graphic art, design industries, film, broadcasting, and certain aspects of journalism. All areas require activities and courses that challenge students’ creative talents, and all pathways require the ability to communicate effectively in oral, written, and/or visual modalities. Students who engage in this career cluster will be expected to gain knowledge in basic math, language arts, science, and technology as well as practical experience in their chosen discipline. (NH DOE Arts, AV Tech, & Communication, 2004)

High School- CTP or Honors level course work required.			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9	English 10	English 11	English 12
Algebra, or Geometry	Algebra (I or II) or Geometry	Algebra II, Geometry, or Pre Calculus	Calculus, Algebra II
Physical Science	Biology	Chemistry or Physics	Chemistry or Physics
World History	American Government	U.S. History	Elective
Required Course/Electives	Career Electives		Career and Technology Center Pathways
PE Health Art World Language Computer	Art Classes Photography Public Speaking Theater Performance Band/Vocal Music Computer Visual Design		Electronic Media Production Technician Communication Systems Electronics Film/Video & Photo Arts Graphic Art & Printing Performing Arts
Career Enhancement Options			
Job Shadowing/Volunteering/Internship/Mentorship			

High School Plan of Study – Business, Management & Administration

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

The wide selection of program and course options provides training in skills and concepts for entry level employment, for personal use and as a foundation for advanced business education after high school. Employees in the business management and administration area use a wide variety of business knowledge and transferable skills as well as technology skills to perform daily work functions. The array of courses offered will build and strengthen academic foundations, business communications, problem-solving, critical thinking, information technology applications, leadership, and teamwork necessary to function in diverse business settings. (NH DOE Business, Administration, and Management, 2008)

High School- CTP or Honors level course work required.			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9	English 10	English 11	English 12
Algebra, or Geometry	Algebra (I or II) or Geometry	Algebra II, Geometry, or Pre Calculus	Calculus, Algebra II, or Statistics
Physical Science	Biology	Chemistry or Physics	Chemistry or Physics
World History	American Government	U.S. History	Elective
Required Course/Electives	Career Electives	Career and Technology Center Pathways	
PE Health Art World Language Computer	Practical Law Accounting I, II Entrepreneurship Office Software Applications E Business I, II Advertising Graphic Design I & II Current Issues Marketing	Accounting/Bookkeeping Technician Information Processing Finance General Office Marketing	
Career Enhancement Options			
Job Shadowing/Volunteering/Internship/Mentorship			

High School Plan of Study – Education & Training

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Why Teach?

Two graduates, who were pursuing their teaching degree, shared their answer:

I have been lucky in my school career because my history teachers have taught me to look for the ‘why’s’ and the ‘how’s’ of the past. I want to teach history this way. I want to make kids realize that the history books are full of regular people who take action. I think that history makes a much bigger impact when a teacher makes these events personal. Nico P., Class of 2002

The first time one of the students walked by me and said, ‘Hey coach, what’s up?’ I had to stop and lean against the wall. I just thought – wow, that was pretty great. Scott C., Class of 2002 (NH DOE Education & Training Career Cluster, 2003)

High School- CTP or Honors level course work required.			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9	English 10	English 11	English 12
Algebra, or Geometry	Algebra (I or II) or Geometry	Algebra II, Geometry, or Pre Calculus	Calculus, Algebra II, or Statistics
Physical Science	Biology	Chemistry or Physics	Chemistry or Physics
World History	American Government	U.S. History	Elective
<i>Required Course/Electives</i>	<i>Career Electives</i>		<i>Career and Technology Center Pathways</i>
PE Health Art World Language Computer	Child Development I, II Relationships Psychology Sociology Food & Nutrition I, II Careers in Education I, II		Early Childhood Education and Training Future Educators Academy Child Care Child Care & School Counseling
Career Enhancement Options			
Job Shadowing/Volunteering/Internship/Mentorship			

High School Plan of Study – Finance

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Increased investment by businesses and individuals is expected to cause faster-than-average employment growth for financial analysts and personal financial advisors. Accountants and auditors are expected to grow about as fast as the average for all occupations. The banking industry is expected to increase six percent. Much of the increase is expected to occur in credit unions, small regional banks, and savings institutions. Insurance industry is expected to grow eight percent. In addition, financial services positions cut across many sectors of our economy and individuals work in a range of industries, such as health care and high tech manufacturing. (NH DOE Finance Pathways, 2009)

High School - CTP or Honors level course work required.			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9	English 10	English 11	English 12
Algebra, or Geometry	Algebra (I or II) or Geometry	Algebra II, Geometry, or Pre Calculus	Calculus, Algebra II, or Statistics
Physical Science	Biology	Chemistry or Physics	Chemistry or Physics
World History	American Government	U.S. History	Elective
Required Course/Electives	Career Electives		Career and Technology Center Pathways
PE Health Art World Language Computer	Accounting I, II Practical Law Personal Finance Graphic Design I & II Entrepreneurship Statistics College Level Various computer courses		Accounting/Bookkeeping Banking & Financial Services Finance
Career Enhancement Options			
Job Shadowing/Volunteering/Internship/Mentorship			

High School Plan of Study – Government & Public Administration

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Students who complete the program will have the necessary set of skills to work at a beginning level in a wide range of government sectors. In addition, students will have the information and skills necessary to pursue post-secondary education. College majors connected to this program include Political Science, Criminal Justice, Homeland Security, Accounting, International Business, World Languages, Pre-Law, and Urban Planning, among others. (NH Government and Public Administration Pathways)

High School - CTP or Honors level course work required.			
9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	English 11	English 12
Algebra, or Geometry	Algebra (I or II) or Geometry	Algebra II, Geometry, or Pre Calculus	Calculus, Algebra II, or Statistics
Physical Science	Biology	Chemistry or Physics	Chemistry or Physics
World History	American Government	U.S. History	Elective
<i>Required Course/Electives</i>	<i>Career Electives</i>	<i>Career and Technology Center Pathways</i>	
PE Health Art World Language Computer	Psychology Sociology World Geography Public Speaking Current Issues	Criminal Justice Public Safety	
Career Enhancement Options			
Job Shadowing/Volunteering/Internship/Mentorship			

High School Plan of Study – Health Science

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

The Health Sciences Cluster focuses on preparing students for careers in planning, managing, and providing therapeutic services, diagnostic services, and health informatics. Health Sciences Careers require that applicants have a strong background in the life sciences: high school biology and chemistry. Other courses that are strongly encouraged are advanced Anatomy and Physiology, Biology, Chemistry, Microbiology, Physics, and Mathematics. The high school technical centers throughout the state that offer the Health Sciences Career Pathway give their students the opportunity to get a head start on their career by allowing them to become certified in CPR and First Aid and to enroll in a Licensed Nursing Assistant, Emergency Medical Technician, or Dental Assisting Program. All the programs include clinical experience in nursing homes, clinics, or hospitals. Students may also participate for dual credit toward athletic training. (NH DOE Health Science Pathways)

High School - CTP or Honors level course work required.			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9	English 10	English 11	English 12
Algebra, or Geometry	Algebra (I or II) or Geometry	Algebra II, Geometry, or Pre Calculus	Calculus, Algebra II, or Statistics
Physical Science	Biology	Chemistry or Physics	Chemistry or Physics
World History	American Government	U.S. History	Elective
<i>Required Course/Electives</i>	<i>Career Electives</i>		<i>Career and Technology Center Pathways</i>
PE Health Art World Language Computer	Health Science Technology I, II (HOSA) Nurse Assisting or EMT Ethical Issues Health Anatomy & Physiology I		Health Professions and Related Services Biotechnology Surgery Tech
Career Enhancement Options			
Job Shadowing/Volunteering/Internship/Mentorship			

High School Plan of Study – Hospitality & Tourism

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Hospitality and Tourism is the second largest growing industry in the State of New Hampshire and one of the fastest growing industries in the world. This career path allows for immediate job opportunities as well as countless options for secondary education at two-year and four-year colleges. The Hospitality and Tourism plan of study prepares students for employment through student internships at area restaurants, hotels, and tourism focused businesses. Students are prepared academically with a diverse curriculum which includes time honored traditions and current industry standards and trends. Professional certification is available through the American Hotel & Lodging Educational Institute concluding satisfactory completion of both Level One and Level Two.

High School - CTP or Honors level course work required.			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9	English 10	English 11	English 12
Algebra, or Geometry	Algebra (I or II) or Geometry	Algebra II, Geometry, or Pre Calculus	Calculus, Algebra II, or Statistics
Physical Science	Biology	Chemistry or Physics	Chemistry or Physics
World History	American Government	U.S. History	Elective
Required Course/Electives		Career Electives	Career and Technology Center Pathways
PE Health Art World Language Computer		Food & Nutrition I, II Culinary Arts/Hospitality Marketing	Culinary Arts/Hospitality Food Production Travel & Tourism Lodging Management
Career Enhancement Options			
Job Shadowing/Volunteering/Internship/Mentorship			

High School Plan of Study – Human Services

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

The Human Services pathway offers career directions in Personal Care Services such as Cosmetology, Skin Care Specialist, Spa Director, Personal Trainer, Massage Therapist, or in the direction of Family, Community and Consumer Counseling and Services. (NH DOE Human Services)

High School - CTP or Honors level course work required.			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9	English 10	English 11	English 12
Algebra, or Geometry	Algebra (I or II) or Geometry	Algebra II, Geometry, or Pre Calculus	Calculus, Algebra II, or Statistics
Physical Science	Biology	Chemistry or Physics	Chemistry or Physics
World History	American Government	U.S. History	Elective
Required Course/Electives	Career Electives		Career and Technology Center Pathways
PE Health Art World Language Computer	Child Development I, II Relationships Careers in Education Program Psychology Sociology Health Sciences Food and Nutrition		Child Care Cosmetology
Career Enhancement Options			
Job Shadowing/Volunteering/Internship/Mentorship			

High School Plan of Study – Information Technology

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

The Information Technology Career Pathway focuses on preparing students for careers in the continually evolving and expanding technology industry. This path requires strong computer, communications, and project management skills.

High School - CTP or Honors level course work required.			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9	English 10	English 11	English 12
Algebra, or Geometry	Algebra (I or II) or Geometry	Algebra II, Geometry, or Pre Calculus	Calculus, Algebra II, or Statistics
Physical Science	Biology	Chemistry or Physics	Chemistry or Physics
World History	American Government	U.S. History	Elective
Required Course/Electives		Career Electives	Career and Technology Center Pathways
PE Health Art World Language Computer		Office Software Applications Computer Network Systems Desktop Publishing Computer Visual Design I, II	Computer Tech Applications Data Processing Technology/Technician Computer Systems Networking (CISCO) Computer Installation & Repair Cartography/Geography
Career Enhancement Options			
Job Shadowing/Volunteering/Internship/Mentorship			

High School Plan of Study – Law, Public Safety & Security

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

This Career Cluster helps to prepare learners by providing them with relevant contexts by linking school-based learning with the knowledge and skills required for continued success in the LPSS field. The skills that the students learn in the pathway courses will help to prepare them for careers in planning, managing, and providing legal, public safety, protective services, and homeland security, including professional and technical support services. Some of the work-based learning opportunities available for these students are field trips, job shadows, and internship opportunities in the LPSS field. (NH DOE Law, Public Safety, and Security)

High School - CTP or Honors level course work required.			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9	English 10	English 11	English 12
Algebra, or Geometry	Algebra (I or II) or Geometry	Algebra II, Geometry, or Pre Calculus	Calculus, Algebra II, or Statistics
Physical Science	Biology	Chemistry or Physics	Chemistry or Physics
World History	American Government	U.S. History	Elective
Required Course/Electives	Career Electives		Career and Technology Center Pathways
PE Health Art World Language Computer	Psychology Sociology Public Speaking Practical Law		Criminal Justice Public Safety
Career Enhancement Options			
Job Shadowing/Volunteering/Internship/Mentorship			

High School Plan of Study – Manufacturing

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

The manufacturing career cluster prepares learners for careers in planning, managing, and performing the processing of materials into intermediate or final products. It also prepares students to provide professional and technical support in carrying out these activities. Students learn basic skills in machine operation, quality control, environmental and safety engineering, inventory and material management and control, computer integrated manufacturing, and teamwork. (NH DOE Manufacturing, 2007)

High School - CTP or Honors level course work required.			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9	English 10	English 11	English 12
Algebra, or Geometry	Algebra (I or II) or Geometry	Algebra II, Geometry, or Pre Calculus	Calculus, Algebra II, or Statistics
Physical Science	Biology	Chemistry or Physics	Chemistry or Physics
World History	American Government	U.S. History	Elective
Required Course/Electives	Career Electives	Career and Technology Center Pathways	
PE Health Art World Language Computer	Agricultural Science Metal Tech I Wood Tech I Small Engines Technical Drawing and Design Architectural Drafting CAD Computer Visual Design I, II	Robotics Industrial Electronics Installation Machine Shop Technology/Assistant Welding Technologist Computer Technology Computer Install Repair Plumbing & Pipe fitters Electrician Heavy Equipment Maintenance Millwork & Cabinetry	
Career Enhancement Options			
Job Shadowing/Volunteering/Internship/Mentorship			

High School Plan of Study – Marketing

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Students will obtain the skills to understand the marketing world. They will learn purchasing, financing, distribution, pricing, and risk management, promotion, selling and marketing information. Students will learn to make realistic management decisions as they apply what they have learned in the classroom to the operation of the school store.

Students are encouraged to join DECA, a student organization whose goal is for students to develop a “career success kit” to carry into their business and personal lives. (NH DOE Marketing, 2004)

High School - CTP or Honors level course work required.			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9	English 10	English 11	English 12
Algebra, or Geometry	Algebra (I or II) or Geometry	Algebra II, Geometry, or Pre Calculus	Calculus, Algebra II, or Statistics
Physical Science	Biology	Chemistry or Physics	Chemistry or Physics
World History	American Government	U.S. History	Elective
Required Course/Electives	Career Electives		Career and Technology Center Pathways
PE Health Art World Language Computer	Marketing Education Program Clothing and Textiles Entrepreneurship E Business I, II Current Issues Public Speaking		General Marketing E Commerce
Career Enhancement Options			
Job Shadowing/Volunteering/Internship/Mentorship			

High School Plan of Study – Science, Technology, Engineering & Mathematics

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

The United States is suffering from a severe shortage of engineers and well-educated technical workers. Introducing high school students to engineering and engineering technology will attract more of them to these fields and will allow them to determine whether they are interested in pursuing an engineering-related career. (NH DOE Science, Technology, Engineering, and Mathematics, 2002)

High School - CTP or Honors level course work required.			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9	English 10	English 11	English 12
Algebra, or Geometry	Algebra (I or II) or Geometry	Algebra II, Geometry, or Pre Calculus	Calculus, Algebra II, or Statistics
Physical Science	Biology	Chemistry or Physics	Chemistry or Physics
World History	American Government	U.S. History	Elective
Required Course/Electives	Career Electives	Career and Technology Center Pathways	
PE Health Art Computer Environmental Studies	Advanced Math Courses, such as AP Calculus and AP Stats Advanced Science Courses Technical Drawing & Design CAD Computer Networking Systems Anatomy & Physiology I	Computer Engineering Technology Engineering, General (Pre-Engineering and Project Lead the Way) Biotechnology	
Career Enhancement Options			
Job Shadowing/Volunteering/Internship/Mentorship/Work History:			

High School Plan of Study – Transportation, Distribution & Logistics

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

The Transportation, Distribution and Logistics Career Cluster (TDL) involves the planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also covers related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment, and facility maintenance. It encompasses the major career areas of Air/Space Transportation, Rail Transportation, Water Transportation, Road Transportation and Mass Transit Systems. (NH DOE Transportation, Distribution, and Logistics)

High School - CTP or Honors level course work required.			
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 9	English 10	English 11	English 12
Algebra, or Geometry	Algebra (I or II) or Geometry	Algebra II, Geometry, or Pre Calculus	Calculus, Algebra II, or Statistics
Physical Science	Biology	Chemistry or Physics	Chemistry or Physics
World History	American Government	U.S. History	Elective
Required Course/Electives	Career Electives	Career and Technology Center Pathways	
PE Health Art World Language Computer Environmental Studies	Automotive Service Technology Collision Technology Small Engines	Automotive Body Repair Automotive Mechanics Heavy Equipment Maintenance	
Career Enhancement Options			
Job Shadowing/Volunteering/Internship/Mentorship			

Special Education Department

Study Skills for Success

Course Number: HS00041A

Quarter Class

Prerequisite: As determined by the student's Individual Education Plan, or recommendation of the student's counselor.

Standard

Grades 9-12

.5 Credit

Study Skills for Success is a structured study hall designed to assist students with meeting individual learning goals while developing appropriate skills that can be transferred to post-secondary academic and vocational careers. Instruction on academic skills, as well as social and emotional skills is provided. Students with math needs may attend a section of Study Skills for Success with a math emphasis to support specific math skill development. With assistance from a staff member, students will develop a plan for work completion and will participate in specialized instruction connected to their learning needs. In addition, students will partake in investigation of post-secondary career opportunities aligned to their academic and vocational preferences. This course is offered for credit. For students who do not require a transition plan this course is graded on a pass/fail basis aligned to work completion only.

Community Learning Opportunities

Course Number: HS40999A

Quarter Class

Prerequisite: As determined by the student's Individual Education Plan

Standard

Grades 9-12

.5 Credit

This course addresses topics related to career exploration and building vocational skills including interviewing, completing job applications, creating resumes, and developing workplace behavior and social skills. On-the-job training occurs within the school communities and/or local businesses to transition students toward post-secondary goals. Students receive feedback and evaluations from employers and the program teacher on work ethic, job skills, and workplace responsibilities. This course is offered for credit on a pass/fail basis.

KRHS Community Life Skills Program

The mission of the Community Life Skills Program is to assist students in the development of skills to function as independently as possible in the home, community, and work environment.

Practical Life Skills

Course Number: HS00024

Semester Class

Prerequisite: As determined by the student's Individual Education Plan

Standard

Grades 9-12

1 Credit

The life skills class prepares students with the life skills to function and live independent and productive lives. Areas of skills include daily living, community, vocational, social, and leisure/recreational. The application of these skills requires a progression of the instructional setting from within the classroom to integration into the local community, vocational site, and home environment. This course is for credit and by teacher recommendation.

Life Skills Math

Course Number: HS00018

Semester Class

Prerequisite: As determined by the student's Individual Education Plan

Standard

Grades 9-12

1 Credit

Students will be practicing and strengthening a variety of math skills related to activities of daily living. Students will participate in a variety of activities and lessons within the classroom setting and then apply them in the community, vocational, and home environments. This course is for credit and by teacher recommendation.

Life Skills Language

Course Number: HS00019

Semester Class

Prerequisite: As determined by the student's Individual Education Plan

Standard

Grades 9-12

1 Credit

Students will be practicing and strengthening a variety of reading, writing, and communication skills related to activities of daily living. Students will participate in a variety of activities and lessons within the classroom setting and then apply them in the community, vocational, and home environments. This course is for credit and by teacher recommendation.

Business and Information Technology Department

The Business & Information Technology Department believes that all students should receive a business education in order to develop academically as inquisitive, critical, independent and cooperative learners. This education should be meaningful, thus enabling the student to become aware of his/her capabilities and potential while aiding in the establishing of realistic career goals. This education should provide the groundwork for the development of a confident, knowledgeable person who understands the dignity of the workplace and who will have the skills to be successful in college and the world of work.

The Business & Information Technology Department views its overall goals as the following:

- To provide students with the necessary skills in order for them to be successful in an electronic world
- To enable students to communicate effectively for personal/business use
- To provide an enthusiastic and creative learning environment where students can develop their individual talents and abilities
- To provide an educational environment that meets the individual needs of the student and where students can gain self-confidence, take responsibility, experience a leadership role through involvement in FBLA or Yearbook Committee, and prepare to participate in a democratic society.
- To aid students in developing realistic personal/career goals
- To provide students with the opportunity to work with up-to-date electronic equipment while performing personal or job related tasks
- To develop appropriate attitudes and behavior for personal and business success

The Business & Information Technology Department offers a variety of courses for all levels of student from a typical 9th grade course of Office Software Applications to advanced courses including Practical Law, E Business, E Business 2, and Graphic Design I & II.

Basic Skills Word Processing

Course Number: HS50130

Quarter Class

This course not offered 2024-25

Standard

Grades 9-11

.5 Credit

Prerequisite: Recommendation of Special Education Dept. only.

This word processing course is designed to help students with reading difficulty to learn basic word processing skills while developing their English vocabulary. The activities in this course are individually paced to allow for varying abilities. Students earning an 84 or better, keyboarding at least 30 words per minute, and having the consent of the instructor, may enroll in Office Software Applications (OSA).

Office Software Applications (OSA)

Course Number: HS50001

Semester Class

Prerequisite: None

S/CTP/Honors

Grades 9-12

1 credit

Juniors and seniors may take this class as a college course through Early College called "Software Applications" which is a 4-credit course. Tuition is free as long as it remains a STEM course.

This is a must-have software applications course that enables students to be proficient with professionally used software in today's fluid technological environment. Students will work on computers performing various tasks using programs such as: Google Drive, and Microsoft Office. **WORD PROCESSING** tasks, as well as **DATABASE, SPREADSHEET**, (EXCEL activities include Pivot Tables and advanced functions), **WEB DEVELOPMENT and CODING** activities will be incorporated. Students will also learn to format letters, resumes, and research papers in the Modern Language Assoc. (MLA) format for high school and college. The skills learned in OSA will cross over into many areas. Using the computer as a writing tool will be practiced and emphasized. Beginning web design using XHTML will be introduced and students will produce their own web page. **E-Business** would be the next step sequence. **Desktop Publishing** can also be taken after this course.

This course fulfills your ½ credit of computer education required to graduate.

E-Business

Course Number: HS50133

Semester Class

Prerequisite: Grade of 75% in Office Software Applications (OSA) or teacher permission.

CTP/Honors

Grades 10-12

1 Credit

Web design, a growing force in business, will be the major focus of the course. Students will learn **HTML5** code and **CSS3**—the language behind a website, as well as web development software Adobe **DREAMWEAVER CC**. This course continues to change over time to keep pace with current business practices. Students will work individually as well as part of a team to complete web design projects. These projects are designed to help students experience the dynamics of communication, organizational behavior, goal setting, and production of high quality websites.

E-Business 2

Course Number: HS50137

Semester Class

Prerequisite: *E-Business or Desktop Publishing.*

CTP/Honors

Grades 10-12

1 Credit

This course is designed to build upon the skills acquired in other related Business Department courses. Students will incorporate their computer and E-Business skills to manage a website project for a community member or organization. Students will be responsible for managing and enhancing the LRTC website. Students will enhance their skills in **HTML5**, **CSS3**, and **Adobe Dreamweaver CC**. Students will learn how to use Weebly, a CMS program that is used throughout the school district. A project will be completed using only these languages. Presentations, communication, teamwork, meeting deadlines, and writing skills as well as client relations will be focused on as students will have the opportunity to work with a number of the faculty and community members. Web pages for faculty and businesses will be produced. This is excellent preparation for those who wish to enter the field of web design.

Advertising

Course Number: HS50134

Quarter Class

Prerequisite: *None*

CTP/Honors

Grades 9-12

.5 Credit

This course provides the principles and practices of advertising using a practical, “hands-on” approach. The students learn the basic facts of advertising media and put these facts into practice. They act as advertising agents and are responsible for developing and designing advertising campaigns for products in a business using a variety of media—magazines, newspapers, radio, TV, the Internet, etc. Because of its diversity, this course offers an opportunity for independent projects & research on various academic and grade levels.

Desktop Publishing

Course Number: HS50138

Quarter Class

Prerequisite: *Office Software Applications (OSA)*

CTP/Honors

Grades 10-12

.5 Credit

This course is designed to meet the need for students to be able to work successfully in the electronic design world. The course will provide a student with a versatile computer background with a focus on graphic design and layout. Students will use desktop publishing software to import various text files, graphics, and scanned images that will be used to create first-class publications. Professional-looking designs will be generated using page-layout, drawing features, and graphic tools while incorporating the techniques of what constitutes good design.

This course meets ½ credit required of computer education to graduate.

Accounting I

Course Number: HS50139

Semester Class

Prerequisite: *None*

CTP/Honors

Grades 10-12

1 Credit

College credit available for qualified students via Early College, fee applicable.

This is an important course for any student going into business administration in college, planning on opening a business of his or her own, or wanting to understand their own financial records. This course provides an understanding of debits and credits and the basic principles of the accounting cycle necessary for business related careers and personal money management. Students will master the analysis and recording of transactions of a business to the preparation and interpretation of the financial statement and

supporting data. Payroll deductions and related taxes are included. Excel is utilized for trial balances, worksheets, financial statements, etc. Accounting II would be the next step in the sequence.

This course meets the requirements of a third math credit to graduate high school. It does not meet 2 or 4 year college admissions requirements for math.

This course is approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Accounting II

Course Number: HS50149

Semester Class

Prerequisite: Accounting I CTP and Office Software Applications (OSA)

CTP/Honors
Grades 11-12
1 Credit

In this course, students will master the operation of an automated accounting system, be able to complete simple problems using EXCEL and be able to complete accounting activities using computer accounting. Students are encouraged to participate in the Future Business Leaders of America Club (FBLA).

This course will fulfill your ½ credit requirement in computer education for graduation.

This course is approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Accounting III

Course Number HS50002

Semester Class

Prerequisite: Accounting II CTP

CTP/Honors
Grades 11-12
1 Credit

This is an advanced accounting class which continues the Accounting II program. The curriculum will further develop your accounting skills that were initiated in Accounting II and would be an essential course for those students wishing to major in business management, administration, or accounting in college.

This course is approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Practical Law

Course Number: HS50141

Quarter Class

Prerequisite: None

CTP/Honors
Grades 11-12
.5 Credit

EXPERIENCE THE JUDICIAL PROCESS! Students will attend real trials in progress during a visit to the Carroll County District Courthouse. Then the legal concepts and the knowledge of personal and business law taught in this course will be presented in a mock trial forum. Some mock trials will include contracts, real estate law, fraud, negligence, and felony crimes. Class participation and attendance is imperative in order to create the legal documents and courtroom procedures for the success of a case. Students make their own choices as to their participation. For instance, they volunteer to play prosecuting attorney, defense attorney and witnesses needed to produce the mock trial. Activities will include legal case research, a case study, and mock trials. Try your hand at being a lawyer.

Entrepreneurship

Course Number: HS50142

Quarter Class

Prerequisite: None

CTP/Honors

Grades 10-12

.5 Credit

FOLLOW YOUR PASSION! Students will learn about basic economics and gain insight into becoming an ENTREPRENEUR. They will be taking an idea and creating any legal business they desire, and money is no object! The plan, based on its own written merits, will enable students to get a “loan” from a bank. Try your hand at taking a concept or business idea through the stages. See if your plan gets approved. This course would benefit students who plan to major in business or would like to open their own business at some point. *LEARN BY DOING!*

This course will fulfill the ½ credit graduation requirement for economics education.

Personal Finance

Course Number: HS50151

Quarter Class

Prerequisite: None

CTP/Honors

Grades 10-12

.5 Credit

Every student can benefit from this course. In today’s economy, managing your money is a challenge. This class is designed to help you acquire the knowledge and skills to prepare you for a financially sound future. Are you ready to make healthy financial decisions? Topics include investing, credit cards, debt, budgeting, negotiating, financial services, the stock market, insurances, career packages with fringe benefits, buying a car, buying a house, and comparison shopping, etc. Guest speakers from different financial fields will be an important part of the course. Now more than ever, this knowledge will benefit you for years to come. Get the knowledge you need for a sound financial start to your future!

Ethical Issues

Course Number: HS50143

Quarter Class

*Prerequisite: None***This course not offered 2024-25**

CTP/Honors

Grades 11-12

.5 Credit

This course will challenge you to critically appraise controversial issues of today. The course will provide students with a forum for discussion, along with the skills to objectively analyze a variety of ethical issues and arguments. Enhancement of critical thinking and reasoning will be basic to the course as students come to their own conclusions. The four major components of the course are: argument analysis, group process, philosophy and ethics, and formal debate. A community service project will be required for those electing honors credit.

Graphic Design I

Course Number: HS50155

Year Class

Prerequisite: None

CTP/Honors

Grade 11-12

2 Credits

The yearlong course will introduce students to the basic elements of graphic visual communication through lecture, demonstration, and hands-on applications. Students will learn the history of design, principles and practices of graphic design using typographic components. A variety of software is used in exploring visual perception through creative exercises that include but are not limited to, composition, graphic design principles, digital photography, and typography. Students will produce their ideas in print creating multi-page brochures and posters, along with producing a one-of-a-kind yearbook by generating new ideas and concepts and designing distinctive layouts. ***This course also fulfills your ½ credit of computer education required for graduation.***

Graphic Design II
Course Number: HS50157
Year Class
Prerequisite: Graphic Design I

CTP/Honors
Grade 12
2 Credits

Students will continue to develop skills that lay the foundation for basic design, color theory and practical lab application. Students will explore, experiment, and apply proper application of ideas through the design process. Project management, collaboration, peer review, design and redesign, research and communications, and essential components are emphasized during the second year. A variety of software is used in exploring design problems, logo design and designing symbols. Students will produce a one-of-a-kind yearbook by generating new ideas and concepts and designing distinctive layouts.

This course also fulfills your ½ credit of computer education required for graduation.

Family and Consumer Sciences

The Family and Consumer Science Department includes instructional programs, services, and activities that prepare youth for adult living. The department's goal is that each student's achievement is aligned with GWRSD Vision, KRHS Mission Statement and the NH Frameworks. The Family and Consumer Science Department, through the courses offered, demonstrates a commitment to the school's mission statement of an equitable and flexible environment for all members of our learning community. All courses will challenge students to be critical and creative thinkers, to act respectfully, and to reach their fullest potential.

This department offers a comprehensive selection of elective courses for students of all grades and ability levels. All courses are a quarter in length and students receive a ½ credit for successful completion of each course.

Relationships
Course Number: HS50500
Quarter Class

Standard/CTP
Grades 10-12
.5 Credit

This course explores and demonstrates respectful and caring relationships within the family, workplace, peer groups, and community, taking into account the challenges that come with living in a diverse global society. The class assists in identifying personal needs focusing on self-esteem and self-image. Students will learn positive communication and effective conflict prevention/resolution skills. Current technological management techniques will be implemented and applying healthy decision making skills will be addressed. Encouraging and demonstrating teamwork and leadership roles in the family, workplace and community while taking into account and respecting the differences that exist among one another will be encouraged and practiced.

Parenting
Course Number: HS50501
Quarter Class
Prerequisite: None

This course not offered 2024-25

Standard/CTP
Grades 10-12
.5 Credit

What decision could ever be more important than that of being a parent? Parenting brings with it many challenges: new responsibilities, changes in lifestyle, emotional adjustments and changes in relationships and employment. In this course students will evaluate the impact of parenting roles and responsibilities on strengthening the well-being of individuals and families. Readings, projects, research, guest speakers, group discussions, quizzes and tests will comprise the major part of course work.

Child Development I

Course Number: HS50502

Quarter Class

Prerequisite: None

S/CTP/Honors

Grades 9-12

.5 Credit

This course introduces the broad field of child development. Students will identify the characteristics of the developmental areas (physical, social, emotional, and cognitive) and stages (prenatal, infancy, toddler, preschool, and school age). Students will obtain a broad understanding of the considerations needed to make an informed decision to become a responsible parent or educator. This content topic will provide opportunities for the students to apply communication, leadership, management, and cognitive skills needed to understand raising and educating a child. In addition, students will have the opportunity to examine the wide variety of career paths within child development and psychology, as well as the skills necessary for success within the field.

Child Development II

Course Number: HS50503

Quarter Class

Prerequisite: Successful completion of Child Development I.

S/CTP/Honors

Grades 9-12

.5 Credit

Child Development II will build upon and expand knowledge gained in Child Development I. Students will examine child development theories, and their implications for educational and childcare practices. Topics such as safety, health, nutrition, play and creativity, children's literature, daycares, and preschools will be covered. Students will participate in the Story Hour Program offered to area preschool children here at Kingswood.

Food and Nutrition I

Course Number: HS50504

Quarter Class

Prerequisite: None

S/CTP/Honors

Grades 9-12

.5 Credit

This course is designed for students who are interested in understanding the principles of nutrition as a basic human need, and its link to current information in maintaining a healthy lifestyle, as related to individuals and families across the lifespan. Students will develop life skills needed in a wide variety of Foods and Nutrition related careers. Emphasis will be given to the economic, cultural, scientific, health and local "Farm to Table" connections to food, using 21st Century learning skills. Students will demonstrate various food selection, safety, sanitation, and preparation skills, terminology, principles, and techniques. Knowledge of kitchen equipment and accurate measurement will be applied, when preparing delicious, nutritious, and aesthetically pleasing food presentations.

Food and Nutrition II

Course Number: HS50505

Quarter Class

Prerequisite: Successful completion of Food and Nutrition I.

S/CTP/Honors

Grades 9-12

.5 Credit

Students interested in the LRTC Culinary Arts Program are urged to take both Food and Nutrition I and II.

Topics covered in this course will build upon those explored in Food and Nutrition I. Regional and World foods such as European, Latin American, and Asian cuisine will be studied. Meal planning and preparation will be highlighted. Students will also analyze and apply nutrition concepts to their own personal growth and development. This course is a combination of non-laboratory and laboratory experiences.

Clothing and Textiles

Course Number: HS50506

Quarter Class

Prerequisite: None

Standard/CTP

Grades 9-12

.5 Credit

This is an introductory course that will familiarize students with careers in the textile, fashion, and apparel industries and will help them understand personal suitability for success. Students will identify and obtain a working knowledge of fibers, methods of textile construction, and finishing through technology, instruction, discussion, and experimentation. Students will explore historical and current trends. Students will creatively utilize the elements and principles of design to recognize well designed and constructed textiles as well as explore reasons, identify methods, and demonstrate skills needed for altering, repairing, recycling, and redesigning apparel and/or textile products. This course will also provide opportunities for students to apply communication, leadership, management, and critical thinking skills to all areas of textile development and merchandising. By coordinating classroom theory with hands-on experiences, students develop and enhance their creativity, critical thinking and problem solving skills necessary to be innovative and productive members of society.

The student is responsible for purchasing some project materials.

Independent Living

Course Number: HS50513

Quarter Class

Prerequisite: None

Standard/CTP

Grades 11-12

.5 Credit

Living on your own... LOYO can be tough. This course prepares young adults for making decisions and managing resources related to independent adult living. Self-management skills, including personal growth, goal setting, decision making, resourcefulness, and effective communication are themes that will be embedded throughout. A person's role in relationships, family, career, and society will be explored. The management of financial, material, human resources and skills related to managing life and wellness essentials will be developed. Additionally, students will examine consumer rights and responsibilities, as well as protection from risk while analyzing the impacts of society, technology, and the consumer services industry.

Technology Education Department

The High School Technology Department offers a wide range of courses focused on meeting various student interests. It is suggested that students consider taking the basic technology courses in preparation for college, advancement to career and technology programs or entrance to the work force. More advanced courses are available for students who would like to pursue a technical field or who would like to further their knowledge in areas of individual interest. Courses are designed to challenge students and provide opportunities for students to develop their critical and creative thinking skills, to act respectfully and to reach their fullest potential. The Department's goal is to align student achievements with the GWRSD Vision, KRHS Mission Statement, the NH Framework, and the International Technology Educators Association National Standards. In keeping with the Mission Statement, the Technology Education Department is committed to providing an equitable and flexible environment for all members of our learning community. The Department has been recognized as a leader in the State of NH and has received several state and national awards.

All technology courses can be taken at Standard, CTP, or Honors level, with the exception of Small Engines.

Metal Working Technology I

Course Number: HS40400

Semester Class

Prerequisite: None

S/CTP/Honors

Grades 9-12

1 Credit

The care and safe use of common hand tools and machines are stressed in the planning, forming and fabrication of metal projects. These skills are used to develop an understanding of the materials used and the role played in the metals trade in today's technical world. This is a hands-on course and projects can be fabricated from band steel, sheet steel, tubing, or sheet metal. The students will learn the safe and correct use of the drill press, power saws, the grinder, tube bender, and all the various sheet metal forming tools. In addition, the student will learn how to spot weld, oxyacetylene weld, arc (electric) weld, mig weld, and use a Plasma Cutter. Projects can also be hand forged using the forge furnace. Students will be allowed to fabricate projects of their own choosing after completing one required project. The students will also learn how to do CAD drawings so they can use a CNC Engraving Machine and a CNC plasma-cutting machine. Emphasis will be placed on accuracy and the ability to construct a project according to plan. Metal Working Technology II is the next course in the sequence.

This course is a strongly recommended prerequisite for Automotive Service Technology and Agricultural Sciences

Metal Working Technology II

Course Number: HS40401

Semester Class

*Prerequisite: Grade of 75% in Metal Working Technology I College/Tech Prep and/or teacher recommendation.***This course not offered 2024-25**

S/CTP/Honors

Grades 10-12

1 Credit

This course covers the machining of metal and manufacturing processes. The students will learn how to use the lathe and milling machine to manufacture machine parts. The students will also learn how to program and run two Computer Numerically Controlled (CNC) lathes and Bridgeport CNC milling machine and a CNC Plasma Cutting Machine. This will allow students to program the machines to machine steel, wood, aluminum, or plastic to almost any shape desired. Computer Integrated Manufacturing (using a computer to generate drawings and programs) is now part of this course. These machines will help prepare the student for the high technology now used in industry. Students will work as a team on a manufacturing activity to solve a design problem requiring the use of electronic controls and microprocessors. The students will be required to design and fabricate a major project of their own choosing. This course is designed to expand the knowledge gained in Metals I and prepare you with the basic skills to enter various trades, Engineering College, and the Community Technical Colleges.

This course is a recommended prerequisite for LRTC Automotive Service Technology and Agriculture Sciences Programs.

This course is approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Wood Technology I

Course Number: HS40402

Semester Class

S/CTP/Honors

Grades 9-12

1Credit

The student will learn the identification, care, and safe use of hand tools. In addition, students will learn all the aspects of safe machine tool use. This would include all the machines in the wood technology lab such as table saws, planers, jointers, compound miter saws, to name a few. Students will also discover that there are many other areas of wood technology such as wood selection, gluing and clamping, sanding and sandpaper, fasteners, design, along with

mass production. Knowledge learned through demonstrations and lectures is then applied through project work. This is a hands-on course; general knowledge of simple math is helpful.

This is a recommended prerequisite for LRTC Construction Trades and Agricultural Sciences Programs.

Wood Technology II

Course Number: HS40403
Semester Class

S/CTP/Honors
Grades 9-12
1 Credit

Prerequisite: Grade of 75% in Woods I College/Tech Prep/Honors or teacher recommendation.

Students will learn about different eras and styles in American furniture design. The students will be required to design and fabricate a large furniture type project. This project will allow the student to learn some additional technical and practical aspects of adhesives, abrasives, and finishes. The students will build upon the previously learned knowledge of hand and power tools in addition to advanced work on lathe, router, and other power tools. In addition to previous learned material (Wood Technology I) students will learn about basic building construction as well as cabinet and furniture making during Woods II so that the student will refine safe working habits and skills.

This is a recommended prerequisite for LRTC Construction Trades Program.

This course is approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

This course is not guaranteed to run. Please be sure to have alternative courses selected.

Wood Technology III

Course Number: HS40335
Semester Class

S/CTP/Honors
Grades 10-12
1 Credit

Prerequisite: Successful completion of Woods I, Woods II, and teacher recommendation.

The third level of Wood Technology will delve into the finer points of cabinetry and fine woodworking. Students will build on the knowledge gained in the first two levels of Woods. Third level students will have more hands-on instruction in the lab. More time will be devoted to working with dovetails, moldings, stains and finishes, and completing some awesome projects. Upon completion of the Wood Technology III course, students should be prepared to enter the challenging field of custom woodworking.

This course is not guaranteed to run. Please be sure to have alternative courses selected.

Electricity

Course Number: HS40406
Semester Class

This course not offered 2024-25

Standard/CTP
Grades 9-12
1 Credit

This course is for the student who has little or no experience in the field of electricity. Units on electrical theory, history, and house wiring fundamentals, power generation, and line power distribution are covered. Types of alternative energy, including solar and wind power are discussed. Basic and practical applications in areas such as elementary circuits, direct and alternating current motors, and electromagnetism are studied. The field of electronics is explored using basic soldering skills and electrical components to build student projects. The uses of test instruments, along with practical explanations reinforce the principles learned. ***This is a recommended prerequisite for LRTC Construction Trades, Automotive Technology, and Agricultural Science Programs.***

Electronics & Robotics

Course Number: HS40001

Semester Class

*Prerequisite: Grade of 75% or better in Electricity OR teacher's recommendation/approval***This course not offered 2024-25**

S/CTP/Honors

Grades 10-12

1 Credit

This course explores the rapidly growing field of electronics and electronic systems to include the construction, programming, and application of the VEX Robotics system. Students will study the design and functionality of a variety of electronic systems from simple devices to more complex digital electronic circuits, robotics as well as computer peripherals and interfaces including Wi-Fi and imbedded microprocessors. The intent of the course is to provide the student with a continuation of learning activities from the electricity course as well as an introduction to more complex electronic systems. The VEX Robotic system serves as a platform for introducing the students to easyC programming language as well as the construction and design of a robotic system to perform specific tasks. This course serves as an introduction to the broad field of electrical engineering and computer science. Students will be required to read, interpret, and implement technical information as well as apply algebraic math functions, construct projects, and use a variety of test equipment. ***This course is recommended for those who are planning careers in engineering and technical fields, such as computer technician, electromechanical technician, and automotive electronic technician.***

Competitive Robotics and Engineering

Course Number: HS40429

Semester Class

S/CTP/Honors

Grades 9-12

1 Credit

This course explores the field of robotics and engineering through a variety of hands-on 21st century learning applications. Challenges will include programming in different languages, app creating in an Android operating system, game design, building various robots, hardware/software integration, participating in robotics competitions, and using the engineering process to redesign the robot for competitions. This highly STEM focused course is based around the FIRST Technical Challenge (FTC) platform. The robots designed will be able to compete on the designated yearly challenge that uses autonomous and tele-operated controls. In addition to the technology aspect, students are expected to abide by the FIRST philosophy of Gracious Professionalism and be aware of the impact robots have on current events.

This course is not guaranteed to run. Please be sure to have alternative courses selected.

Small Engines & Basic Machines 1CR

Course Number: HS40428A

Quarter Class

Prerequisite: None

Standard/CTP

Grades 9-12

1 Credit

This course is designed to teach students the fundamental operation of small engines as well as the principal operation of basic machines and hydraulics. Lessons include discussions from how the steam engine's power was used to drive industrial equipment, to how two and four stroke, internal combustion, gasoline engines are used in everyday life as we know it today. Students will work on shop engines to better understand the mechanical principles, and the systems of compression, lubrication, ignition, and carburation. **Small gasoline engine preventive maintenance, troubleshooting and repair continue to be an important part of this course.** Basic machines, mechanical functions, and hydraulic principles will be explored in this introductory course. Students will, through engagement in hands on projects, learn how machines can be used to facilitate industrial processes. Current information on the development of Solar Cells & Fuel Cells will also be discussed. This course serves as a foundation for exploring the opportunities for future employment in the automotive service technology field, small engines repair, marine and recreational vehicles. ***This is a recommended prerequisite for the Automotive Technology program and Agricultural Science program at the Lakes Region Technology Center.***

Technical Drawing and Design I

Course Number: HS40410

Semester Class

Prerequisite: Grade of 75% or better in CAD or teacher recommendation.

S/CTP/Honors

Grades 10-12

1 Credit

Technical Drawing provides the student with an introductory examination of graphic language and the design process using Computer Aided Drafting, freehand, and instrumental expression. Projects such as designing/building a bridge, towers, CO2 cars, and more will give the student the opportunity to develop problem solving and critical thinking skills. **Technical Drawing and Design I** is a broad-based survey course designed to help students understand the field of engineering and engineering technology and its career possibilities. Most of the design process will be done on the computer, thus enhancing computer literacy skills. Students will also be introduced to **CNC** machining, **3d PRINTING** and **LASER** engraving through projects such as CO2 cars and sign making. **Technical Drawing and Design II** is the next course in the sequence.

This course will fulfill your ½ credit in Fine Arts and ½ computer literacy education required for graduation.

This course is approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Technical Drawing and Design II

Course Number: HS40336

Semester Class

Prerequisite: Technical Drawing and Design I or teacher recommendation.

S/CTP/Honors

Grades 10-12

1 Credit

In this course students build on their principles from **Technical Drawing and Design I**. They will explore in more depth the field of engineering through the design and construction of a variety of major “hands on” projects. Students will continue with more challenging **CNC Machining**, **3d PRINTING** and **LASER** engraving projects.

This course is approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Architectural Drafting

Course Number: HS40416

Semester Class

Prerequisite: Grade of 75% or better in CAD or teacher recommendation.

S/CTP/Honors

Grades 10-12

1 Credit

This course takes the student through the design layout, and construction of a house. The student learns about different building construction processes, materials, proper room sizes, room relationships, interior design techniques, and house styles. The student will be given the opportunity to design a house using a **Computer Aided Design** program (most of the student’s work will be on the computer). The computer program will allow the student to generate floor plans, elevation views, 3d photo realistic renderings, and movie walkthroughs. Also, the student will be able to generate 3d models to view using **VIRTUAL REALITY**. This course will help to develop reasoning, critical thinking, problem solving, and computer skills. The student will have the opportunity to develop a digital portfolio of their work. Students wishing to further their experience in the field of Architecture can take the next course, Advanced Architectural Drafting.

This course will fulfill your ½ credit in fine arts and ½ credit computer literacy education for graduation. This course is recommended as a prerequisite for LRTC Construction Trades Program.

This course is approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Advanced Architectural Drafting

Course Number: HS40412

Semester Class

Prerequisite: Grade of 75% in Architectural Drafting or teacher's recommendation.

S/CTP/Honors

Grades 10-12

1 Credit

This course is designed for the student who successfully completed **Architectural Drafting** and would like to further their knowledge and skills in the field of architectural drafting. Students will be given the challenge of creating their own house design and constructing a complete set of working plans and models from this design. The students may also be involved in group projects such as designing homes for the Construction Trades Program and community projects. The students will be able to expand their computer (CAD) skills in 3D modeling, rendering, **VIRTUAL REALITY**, and a variety of other areas. This course is recommended for students who are interested in a future in architecture, engineering, technical schools, or a trade.

This course is approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Computer Aided Design/Drafting (CAD)

Course Number: HS40413

Quarter Class

Prerequisite: Knowledge of math, computers, and drawing will be helpful.

S/CTP/Honors

Grades 9-12

.5 Credit

The use of **CAD** has rapidly spread into the world of drafting and design. **CAD** is the catalyst and focal point for the generation of graphics used for a variety of engineering, design, manufacturing, technical illustration, desktop publishing, and any other areas requiring the display and documentation of graphics. Students will be introduced to two main areas where **CAD** is used. They first will be exposed to how **CAD** is used in the Mechanical Field, and then they will be introduced to how **CAD** is used in the Architecture field. Students will also become exposed to the area of **CNC and laser engraving and 3D printing** through the design of a project using the computer controlled milling machine through their own design. This class will be a combination of architectural drafting and technical drawing. The student will then choose which area they would like to extend their knowledge in based on this class.

This course will fulfill the ½ credit in computer literacy education required for graduation.

Computer Visual Design I (Formerly Communication Technology I)

Course Number: HS40418A

Semester Class

Prerequisite: None

S/CTP/Honors

Grades 9-12

1 Credit

This introductory course is designed for students who have an interest in computer generated graphic design, 2D animation, character design, gaming design, and graphic novels. We work in the industry standard Adobe Creative Cloud. We primarily use Adobe Illustrator, Photoshop, After Effects and Animate in this course. All activities focus on developing creative thinking and problem solving by the use of real world hands-on projects. **Computer Visual Design II** is the next course in the sequence.

This course will fulfill your ½ credit Fine Arts and ½ credit Computer Literacy for graduation.

Computer Visual Design II (Formerly Communication Technology II)

Course Number: HS40419A

Semester Class

Prerequisite: Grade of 84% in Level I class or teacher's recommendation.

S/CTP/Honors

Grades 10-12

1 Credit

This course is for students who successfully completed Computer Visual Design I and would like to further their knowledge in the fields of graphic design, commercial advertisement, 2D animation, character design, gaming design, and graphic novels. Students will be able to concentrate in areas of interest and develop a portfolio. Adobe Certifications are also encouraged for students to pursue.

This course will fulfill your ½ credit Fine Arts and ½ credit Computer Literacy for graduation.

Photography

Course Number: HS40420

Quarter Class

Prerequisite: None

S/CTP/Honors

Grades 9-12

.5 Credit

This course is designed for students who have an interest in photography as an art form. The focus of the class is on the proper operation of digital single-lens reflex (DSLR) cameras, composition, and the process of enhancing images. Students are given weekly camera assignments which focus on increasing their observation and technical skills. They also will be creating photo manipulations and advanced editing in Adobe Lightroom and Photoshop. Students will develop a portfolio of work. All equipment and materials are provided for this class.

This course will fulfill the ½ credit Fine Arts required for graduation.

Photo Technology I

Course Number: HS40421

Semester Class

Prerequisite: None

S/CTP/Honors

Grades 10-12

1 Credit

This course is designed for students who want to explore film, digital photography, Alternative Photographic Processes, and photo manipulation techniques. In addition, students will learn the use of various lenses, portrait lighting, and photo editing in Adobe Lightroom and Photoshop. Assignments will focus on both creativity and technical accuracy of image making. Students will develop a portfolio of work. All equipment and materials are provided for this class.

This course will fulfill your ½ credit Fine Arts and ½ credit Computer Literacy for graduation.

Photo Technology II

Course Number: HS40422

Semester Class

Prerequisite: Photo Technology I, or Photography

S/CTP/Honors

Grades 10-12

1 Credit

This course is designed for students who want to expand their knowledge in the darkroom, photo manipulation techniques, or Digital Photography. Students will be able to concentrate in their primary areas of interest. This is a great course for the 2D studio artist, who wants to explore mixed media work. Exploration of advanced Alternative Photography Processes and photography careers will be emphasized. Students will develop a portfolio for college or to enter the workplace. All equipment and materials are provided for this class.

This course will fulfill your ½ credit Fine Arts and ½ credit Computer Literacy for graduation.

Health/Wellness Education

The State of New Hampshire requires that all students complete 1/2 credit of Health and Wellness prior to graduation.

Health and Wellness

Course Number: HS70960
Quarter Class

Standard
Grade 10
.5 Credit

This course is designed to support students as critical, independent learners who understand concepts related to health promotion and disease prevention. Students will develop respect for self and others by demonstrating the ability to reduce health risks and practice health-enhancing behaviors. Information on food and nutrition, stress management, personal relationships, sexuality, sexually transmitted infections, and drug and alcohol use will be used to encourage responsible decisions.

Physical Education Department

The State of New Hampshire requires that all students must complete one credit in Physical Education prior to graduation.

Foundations of Physical Education

Course Number: HS70703
Quarter Class

Standard
Grades 9-12
.5 Credit

*This course is required as prerequisite to enroll in a PE elective and it is strongly recommended freshman year. **This course may be repeated one time for elective credit.***

This course is designed to encourage students to pursue a healthy and active lifestyle through participation in daily physical activity. Students will learn concepts related to developing and maintaining personal fitness for a lifetime. With instruction, practice opportunities in activity settings, recordkeeping, and pre- and post-assessments, students will become equipped to design effective personal fitness programs. Emphasis will be on health-related components of fitness as well as implementation of training principles. Students will also have the opportunity to participate in a wide variety of individual and group activities, games, and sports.

Physical Education Electives

PE electives may not be repeated.

Sport and Exercise Psychology

Course Number: HS70710
Quarter Class

Standard
Grades 9-12
.5 Credit

Prerequisite: Foundations of Physical Education

This course will involve the study of the psychological factors associated with participation and performance in sport and exercise. The focus of this course is: (a) helping athletes use psychological principles to achieve optimal mental health and improve performance, and (b) understanding how participation in sports and exercise affects an individual's health and well-being throughout the life span. Introspection and personal growth are emphasized as a means to regulating anxiety for individualized optimal performance.

Personal Weight Training and Conditioning

Course Number: HS70711

Quarter Class

Prerequisite: Foundations of Physical Education

Standard

Grades 9-12

.5 Credit

This course is designed to meet individual needs based on his/her personal fitness goals. These goals may range from specific performance or skill-related (for example, increasing speed and agility as a football running back) to more generalized health-related goals (for example, changing body composition to decrease fat and increase muscle tone). Student and instructor will work together to define goals, assess current levels of fitness, and design and document an individual workout program. Nutrition for peak performance and desired results is an integral part of personal fitness and will be emphasized and documented.

Dance Plus

Course Number: HS70712

Quarter Class

*Prerequisite: Foundations of Physical Education***This course not offered 2024-25**

Standard

Grades 9-12

.5 Credit

Dance Plus is a physical activities class for those who prefer movement activities such as yoga, Zumba, hip hop, tae bo, ballet, stability ball exercises, folk and square dance, multi-cultural dance, and walking. There is an opportunity for customizing work-out plans (personal training may include nutrition) to individuals or group as requested.

Team Sports

Course Number: HS70713

Quarter Class

Prerequisite: Foundations of Physical Education

Standard

Grades 9-12

.5 Credit

Team Sports will incorporate acquisition of both health and skill components of fitness, primarily through active participation in team sports such as basketball, football, ultimate Frisbee, volleyball, team handball, speedball, soccer, lacrosse, floor hockey. Skill development, game strategy, and teamwork will be emphasized. Students will be expected to document, compare, and contrast each activity/sport in terms of skill and health components required, as well as demonstrate an understanding of changing future goals and activity choices as the body ages. Students will also demonstrate an awareness of safety and injury prevention, good sportsmanship, adherence and respect for rules, and conflict resolution. Each student will design/create a new game or game adaptation and analyze each health and skill component potentially acquired.

Individual Sports and Activities

Course Number: HS70714

Quarter Class

Prerequisite: Foundations of Physical Education

Standard

Grades 9-12

.5 Credit

This course will incorporate acquisition of health and skill components of fitness primarily through active participation in individual sports and activities such as badminton, tennis, racquetball, golf, and table tennis. Based on overall personal fitness goals, students will supplement their programs with individual cardio machine and weightlifting workouts and/or other activities such as jump rope, walking, jogging, dance, and calisthenics. Each student will design and complete an approved pre- and post-assessment to determine acquisition of a skill. A measurable improvement in one or more components of health and fitness is expected. Additionally, students will demonstrate understanding of changing fitness goals as the body ages. Each student will recommend to the class a new individual activity and analyze each health/skill component potentially acquired.

Outdoor Activities and Games

Course Number: HS70715

Quarter Class

Prerequisite: Foundations of Physical Education

Standard

Grades 9-12

.5 Credit

Emphasis will be on improving personal fitness through active participation in seasonal outdoor activities (except in stormy weather). A fall/spring quarter may typically include walking, hiking, orienteering, capture the flag, disc golf, and cooperative games. Winter quarters may also include snowshoeing, and cross-country skiing. Awareness of environmental concerns, safety, and proper clothing will be a necessary requirement of this course.

Extended Learning Opportunities (ELO)

Students may earn up to one credit for Physical Education for extended learning activities such team sports or private instruction. Each student must participate, along with a certified Physical Education instructor, in selecting, organizing, and carrying out extended learning opportunities activities. This option requires a highly motivated, self-disciplined individual who thrives on working independently. At the completion of the project, a presentation and a demonstration are made to the PE teacher and the ELO Coordinator. Granting of credit is based on student's demonstration of competencies. Please refer to Extended Learning Opportunities (ELO) on page 20.

(ELO's must be filed 3 weeks prior to the start of a Quarter.)

Music Department

The Music Department offers opportunities for students to become independent and cooperative learners. Performing ensembles such as Concert Band and Concert Chorus provide a vehicle for participation in a large group setting. Music electives such as Guitar Methods, Music Theory & Composition, American Music History, and Piano & World Music offer a variety of other musical experiences.

All music courses fulfill the fine arts graduation requirement.

Concert Band

Course Number: HS10016

Year Class

CTP/Honors

Grades 9-12

1 Credit

Prerequisite: Satisfactory performance skills on a concert band instrument and satisfactory music reading skills or permission of the instructor.

Concert Band offers students who play a band instrument an opportunity to perform for the public, both in school and in our community. The student gains valuable insights and appreciation for lifelong learning by studying and participating in Concert Band. Performances include KRHS football games, concerts, parades, and festivals. Honors option available.

Concert Chorus

Course Number: HS10017

Year Class

CTP/Honors

Grades 9-12

1 Credit

Concert Chorus offers all students who enjoy singing an opportunity to perform for the public, both in school and in our community. Students learn the art of choral ensembles, vocal technique, basic piano skills, notation reading skills and much more. Honors option available.

Guitar Methods (I-IV)

Course Number: HS10001A

Quarter Class

CTP

Grades 9-12

.5 Credit

Guitar Methods (I-IV) offers both beginners and more experienced players the opportunity to improve their guitar skills, while learning about the role the guitar has played in American culture. Students will learn the history of the guitar, important players, and styles. Students will also learn chord vocabulary and basic music notation reading skills. Guitar Methods may be taken from Level I to Level IV. (Formerly *Guitar*.)

American Music History

Course Number: HS10671A

Semester Class

CTP

Grades 9-12

1 Credit

American Music History will focus on the development of musical styles from Post-Civil War to the Streaming Era. Important genres such as Jazz, R&B, Country, Folk, Rock, and modern trends will be studied. Important artists and technologies will also be a focus, as well as the music industry's reaction to these important artists and technologies. *This class does not focus on instrument playing.* (Formerly *American Music of the 20th Century*.)

Piano & World Music

Course Number: HS10018A
Semester Class

CTP
Grades 9-12
1 Credit

Piano & World Music will focus on learning how to play piano for beginners or focus on improving piano skills for more advanced students. We will use piano skills gained in class to explore music cultures all around the world. (Formerly *Music Workshop*)

Music Theory & Composition

Course Number: HS10669A
Semester Class

CTP
Grades 10-12
1 Credit

Prerequisite: Students must have taken and passed Concert Band, Concert Chorus or Guitar Methods, or pass notation competency as a pre-test.

Music Theory & Composition offers students an opportunity to understand the process of writing music through the study of harmony, rhythm, melody, and ear training. This class does not focus on concert performances or playing ability, but the ability to play an instrument and read music at a basic level is required. (Formerly *Music Theory 1CR*)

Theater Production and Performance

Theater Performance

Course Number: HS10672
Quarter Class

CTP
Grades 9-12
.5 Credit

Are you interested in learning about acting on stage? Do you have previous acting or theater experience and are looking for an outlet during the school day? The Theater Performance class is both for experienced students as well as the first timers. Students involved with this quarter long class will rehearse and perform a one-act play in the Kingswood Arts Center.

Theatrical Set Building

Course Number: HS10673
Quarter Class

CTP
Grades 10-12
.5 Credit

Are you interested in theater, but maybe not appearing on stage? Or maybe you're interested in learning more about creating theater? Every good show is in part made that way by its stage set. This quarter long course will teach you to dream up, design, and construct theater sets primarily for plays and musicals. Students will learn from the ground up, so no prerequisites are necessary. The final product will be used for an actual play or musical being performed by the Kingswood Theater program. Sophomores and above taking this course along with Costuming and Live Lighting and Sound will complete one full year of coursework for the Lakes Region Technology Center and will be eligible for their Stagecraft 2 class.

Costuming

Course Number: HS10674
Quarter Class

CTP
Grades 10-12
.5 Credit

Are you interested in theater, but maybe not appearing on stage? Or maybe you're interested in learning more about creating theater? Every good show is in part made that way by its costuming. In this quarter long course, students will learn about the basics of designing costumes primarily for theatrical performances. Students will learn all skills from the ground up so no prerequisites are necessary. Students will learn to design and construct costumes that reflect the practical, artistic, and thematic needs of a production using a variety of techniques. The end results will be used for a play or musical being performed by the Kingswood Theater program. Sophomores and above taking this course along with Theatrical Set

Building and Live Lighting and Sound will complete one full year of coursework for the Lakes Region Technology Center and will be eligible for their Stagecraft 2 class.

Script Writing for Stage and Screen

Course Number: HS10675
Quarter Class

CTP
Grades 10-12
.5 Credit

If you love the movies or theater and would like to learn a little bit more about how the professionals write scripts that get produced, then this course could be for you. In this quarter long course, students will learn to write effective, engaging, and practical scripts for theater, film, and television. Students will study the work of past and present script writing professionals and learn about ways to get work produced and/or published. Students may elect to then either submit their work to the Movie Making or Theater Production class to possibly be produced.

Live Lighting and Sound

Course Number: HS40445
Semester Class

CTP
Grades 10-12
1 Credit

Are you interested in theater and performance, but maybe not appearing on stage? Or maybe you are interested in learning more about creating great shows? Every good show is in part made that way by its tech booth! Students in this semester long course will learn the ins and outs of running lighting and sound for live events on stage, as well use of video projections; both for the Kingswood Arts Center and for other things like our DJ club and outdoor concerts. Students will be certified as a technician and DJ for the Kingswood Arts Center and DJ club and will be eligible to work as a paid technician or DJ for local events. Sophomores and above taking this course along with Theatrical Set Building and Costuming will complete one full year of coursework for the Lakes Region Technology Center and will be eligible for their Stagecraft 2 class.

Television and Film Production

Television Studio Broadcasting

Course Number: HS10676
Fall Semester Class

CTP
Grades 10-12
1 Credit

Are you interested in a career in television broadcasting or think it just might be fun to be on television? This course will take you through the ins and outs of being a news anchor, reporter, director, writer, producer, and editor for live television broadcasting. Students who take this semester long course will produce the daily broadcast of a live news show out of the LRTC television studios five days a week. Students will gather news, create scripts, prepare graphics, produce video stories, and then perform the daily broadcast live on channel 26. In addition, students will then take these skills and apply them to producing other television shows of their choosing. Sophomores and above taking this course along with Movie Making complete one full year of coursework for the Lakes Region Technology Center.

Movie Making

Course Number: HS40446
Spring Semester Class

CTP
Grades 10-12
1 Credit

Do you love the movies or television, and have an interest in learning more about how they are made? Are you interested in producing movies or a television program of your own? This semester long course will teach you elements of script writing, shooting movies with HD equipment, editing it, and submitting your work to film festivals, and screening it on Knight Watch. Sophomores and above taking this course along with Television Studio Broadcasting will complete one full year of coursework for the Lakes Region Technology Center.

Art Department

The Art Department strives to create a learning environment where students have the opportunity to develop as inquisitive, critical, independent, cooperative, and respectful learners. A variety of hands-on studio art courses are offered to nurture students' individual talents and abilities. Students will create original art works that demonstrate craftsmanship, creativity, and originality.

All art courses fulfill the Fine Arts graduation requirement.

Exploring Art

Course Number: HS10155
Semester Class

CTP
Grades 9-12
1 Credit

This course is a hands-on studio course where students express themselves through the exploration of various art materials through the creation of projects. Drawing, painting, sculpture, and design techniques will be explored through the use of materials such as clay, paper-mâché, pen & ink, colored pencils, watercolor and acrylic paint. Students at all levels of ability and experience are encouraged to take this course. This course is a prerequisite for Drawing & Design.

Creative Design

Course Number: HS10599
Semester Class

CTP
Grades 10-12
1 Credit

This course provides both the beginning and experienced art student with the opportunity to creatively explore how design principles are used in the "real world". Many of the following design areas will be explored: Poster design, textile and surface design, logo design, culinary design, jewelry design, interior design, furniture design, and fashion design. Students will use a variety of 2-dimensional and 3-dimensional art materials. Experimentation, creative problem solving, good craftsmanship, and the design process will be stressed throughout this hands-on studio class.

Sculpture I

Course Number: HS10156
Semester Class

CTP
Grades 9-12
1 Credit

This hands-on studio course will explore 3-dimensional space through the use of materials such as clay, wire, plaster, papier-mâché, wood, found objects, and mixed media. Subject matter will be drawn from the imagination and observation. Students at all levels of ability and experience are encouraged to take this course. This course is the prerequisite for Sculpture II Honors. This course can be a prerequisite for Drawing & Design with teacher recommendation.

Sculpture II

Course Number: HS10162
Semester Class

Honors
Grades 10-12
1 Credit

Prerequisite: Sculpture I

This hands-on studio course is for students who have successfully completed Sculpture I. This course focuses on the continuing exploration of 3-dimensional space through the use of familiar and new materials such as clay, wire, wood, cardboard, plaster, and mixed media. The pottery wheel will also be introduced in this class. Students may also work collaboratively on larger sculptures. Emphasis will be placed on improving art skills, personal creativity, and independence to create quality pieces.

Drawing & Painting

Course Number: HS10157A

Semester Class

Prerequisite: Exploring Art or Sculpture I or teacher recommendation

Honors

Grades 10-12

1 Credit

This course is for students who have successfully completed Exploring Art, Sculpture I or by teacher recommendation. This course focuses on the development of drawing and painting techniques. Emphasis is placed on learning to draw from direct observation. Students will create original artworks of various subject matters: still life, portraits, landscapes, color studies and imaginative ideas. Media may include pencil, charcoal, acrylics, watercolor, pen and ink, and mixed media. This course is the prerequisite for Advanced Drawing and Painting.

Advanced Drawing & Painting

Course Number: HS10161

Semester Class

Prerequisite: Drawing & Painting

Honors

Grades 11-12

1 Credit

This course is for students who have successfully completed Drawing & Design. This course is intended to improve the technical skills of students who have previously demonstrated competency in drawing and design. Students will work to develop their own personal style through their choice of subject matter and materials. Using master artworks as inspiration, students will explore various drawing and painting techniques. Quality pieces, personal creativity and written expression through formal art critiques will be components of this course. (This course is the prerequisite for AP Portfolio I.)

AP Portfolio I

Course Number: HS10163

Semester Class

Prerequisite: Advanced Drawing & Painting or teacher recommendation

Honors/AP

Grades 12

1 Credit

AP students will be required to sign an AP Contract at the time of registration.

This course is intended for students who have successfully completed Advanced Drawing & Painting or by teacher recommendation. Students taking this class are seriously committed to the study of art. Students will utilize this course for the creation of quality artworks for their portfolio. Projects will be created to meet the expectations of the AP Studio Art Drawing exam. This course will also include weekly class critiques and written responses to artwork. A minimum of 11 portfolio pieces will be required. Students planning to take the AP Studio Art Drawing exam should also take the AP Portfolio II class.

AP Portfolio II

Course Number: HS10164

Semester Class

Prerequisite: AP Portfolio I

Honors/AP

Grades 12

1 Credit

AP students will be required to sign an AP Contract at the time of registration.

This course is for students who have successfully completed AP Portfolio Development I and are planning on taking the AP Studio Art Drawing exam. Students will be required to submit 15 digital slides of their sustained investigation and 5 slides of selected works. Artwork completed in the AP Portfolio I class will also be included in the exam submission. Upon completion of the AP exam, students will complete a mural to be left on display at the high school.

There is a \$98 examination fee.

English Department

The English Department at KRHS is committed to ensuring that our students acquire essential communication skills that are aligned with not only the state's Common Core standards, but also our school's core values of rigor, depth of learning, and diversity in culture and thought. The literature within our curriculum has been strategically selected to provide students the opportunity to be nationally and globally aware, and to analyze diverse perspectives. We take a thoughtful approach to challenging topics and themes within selected literature; we will help students develop the skills to question the meaning and significance of such content in a structured and supportive environment. We believe that in order to fulfill the 21st Century Learning Expectations set by the district, students must engage in critical thinking, analysis, and civil discourse. Our curriculum incorporates these expectations through units of study ranging from world literature to creative nonfiction.

Level placement is based on Exact Path Test scores and the collaborative assessment of teachers, students, and parents/guardians. The student must successfully complete one grade before promotion to the next level of English. This sequence is essential for student success as the development of skills, difficulty of reading materials, and complexity of writing assignments increase each year. Therefore, students will not be allowed to take two English courses at the same time. An exception will be made for students in their senior year who need both eleventh and twelfth grade English for graduation.

Summer reading is required for AP courses only; it is encouraged for all other courses. Students who complete a summer reading assignment for non-AP courses will receive extra credit.

English Language A&B Standard

Course Number: HS20001 & HS20002

Year Class

Prerequisite: Recommendation of the Special Education Dept.

This course not offered 2024-25

Standard

Grade 9-12

*2 Credit

This course is designed for students who need intensive remediation in reading and writing skills. The class uses Language! a comprehensive literacy curriculum with frequent assessments to gauge mastery. Students will develop skills in phonemic awareness and phonics, word recognition and spelling, vocabulary and morphology, grammar and usage, and listening and reading. This course is by teacher/Special Ed. Dept. recommendation only. ****This course counts as two credits: one elective credit, one English credit and will be scheduled as two separate courses (English Language/A S during Semester 1 and English Language/B S during Semester 2) with the corresponding credits attached.***

Students may also take one semester only of English Language A or B (1 elective credit only) as a reading intervention block, in conjunction with their regular English class.

English 9 S

Course Number: HS20200

Semester Class

Standard

Grade 9

1 Credit

This skill-based course is appropriate for students who would benefit from a modified pace and extra support in reading and/or writing. The course stresses a developmental approach to reading comprehension, writing, research, and analysis. Students will study academically relevant vocabulary in context. Grammar instruction takes a functional approach, focusing on sentence structure and word choice. Readings will include *Of Mice and Men*, a variety of nonfiction texts, and a contemporary novel.

English 9 CTP

Course Number: HS 20201
Semester Class

CTP
Grade 9
1 Credit

This skill-based course stresses a developmental approach to reading comprehension, writing, research, and analysis. Students will study academically relevant vocabulary in context. Grammar instruction takes a functional approach, focusing on sentence structure and word choice. Readings will include *Of Mice and Men*, a variety of nonfiction texts, and a contemporary novel.

English 9 H

Course Number: HS 20202
Semester Class

Honors
Grade 9
1 Credit

This intensive skill-based course stresses a developmental approach to reading comprehension, writing, research, and analysis. This course is appropriate for independent learners who are academically driven. Students will study academically relevant vocabulary in context. Grammar instruction takes a functional approach, focusing on sentence structure and word choice. Readings will include *Of Mice and Men*, a variety of nonfiction texts, and a contemporary novel.

English 10 S

Course Number: HS20204
Semester Class

Standard
Grade 10
1 Credit

This course builds off the foundation of English 9 with a focus on world literature. This course is appropriate for students who would benefit from a modified pace and extra support in reading and/or writing. Writing assignments include expository and literary analysis essays as well as creative work. Vocabulary and research skills are embedded throughout the year. Readings may include *Julius Caesar*, *Lord of the Flies*, *Born a Crime*, *The Boys in the Boat*, and *Their Eyes Were Watching God*, along with a variety of shorter texts.

English 10 CTP

Course Number: HS20205
Semester Class

CTP
Grade 10
1 Credit

This course builds off the foundation of English 9 with a focus on world literature. Writing assignments include expository and literary analysis essays as well as creative work. Vocabulary and research skills are embedded throughout the year. Readings may include *Julius Caesar*, *Lord of the Flies*, *Born a Crime*, *The Boys in the Boat*, and *Their Eyes Were Watching God*, along with a variety of shorter texts.

English 10 H

Course Number: HS 20206
Semester Class

Honors
Grade 10
1 Credit

This intensive course builds off the foundation of English 9 with a focus on world literature. This course is appropriate for independent learners who are academically motivated. Writing assignments include expository and literary analysis essays as well as creative work. Vocabulary and research skills are embedded throughout the year. Readings may include *Julius Caesar*, *Lord of the Flies*, *Born a Crime*, *The Boys in the Boat*, and *Their Eyes Were Watching God*, along with a variety of shorter texts.

English 11 S
Course Number: HS20208
Semester Class

Standard
Grade 11
1 Credit

This course is appropriate for students who would benefit from a modified pace and extra support in reading and/or writing, and whose graduation goals do not include acceptance to a four-year college. This course includes studies of American Literature from the colonial to the modern era. Students will be assigned a variety of writing assignments ranging from personal narratives to expository and analytical writing. Vocabulary and research skills, along with SAT preparation, are embedded throughout the year. Readings may include *The Things They Carried*, *The Crucible*, *The Glass Castle*, and *To Kill a Mockingbird*, as well as a variety of shorter texts.

English 11 CTP
Course Number: HS20209
Semester Class

CTP
Grade 11
1 Credit

This course includes studies of American Literature from the colonial to the modern era. Students will be assigned a variety of writing assignments ranging from personal narratives to expository and analytical writing. Vocabulary and research skills, along with SAT preparation, are embedded throughout the year. Readings may include *The Things They Carried*, *The Crucible*, *The Glass Castle*, and *To Kill a Mockingbird*, as well as a variety of shorter texts.

English 11 H
Course Number: HS20210
Semester Class

Honors
Grade 11
1 Credit

This intensive course includes studies of American Literature from the colonial to the modern era. This course is appropriate for independent learners who are academically driven, and whose graduation goals include acceptance to a four-year college. Students will be assigned a variety of writing assignments ranging from personal narratives to expository and analytical writing. Vocabulary and research skills, along with SAT preparation, are embedded throughout the year. Readings may include *The Things They Carried*, *The Crucible*, *The Glass Castle*, and *To Kill a Mockingbird*, as well as a variety of shorter texts.

English 11 AP Language and Composition
Course Number: HS20216A
Year Long Class

Honors
Grade 11
1 Credit

Prerequisite: English 10H and approval of current English 10H instructor.

Requirement: Grade 11 students registering for this class must take World History AP concurrently.

Priority selection for AP courses will be based on GPA, attendance, and current performance in prerequisite classes. AP students will be required to sign an AP Contract at the time of registration.

This college-level composition course is appropriate for highly independent learners who are driven to exceed the standards of a high school course. This intensive writing course will incorporate an analysis of various authors' rhetorical strategies in conjunction with an in-depth study of the writing process, especially argumentation, exposition, and evidence-based composition. Readings will include a variety of short texts, and may include *Just Mercy*, *The Things They Carried*, and *The Glass Castle*.

Summer Reading is required for this course. Students are required to take AP English Language & Composition Exam upon completion of the course. There is a \$98 examination fee. **This course is not guaranteed to run. If this is the case, students will be automatically rescheduled to English 11 Honors.

English 12 S
Course Number: HS20212
Semester Class

Standard
Grade 12
1 Credit

This course is appropriate for students who would benefit from a modified pace and extra support in reading and/or writing, and whose graduation goals do not include acceptance to a four-year college. This course uses a practical, project-based approach to the study of English. Writing assignments will be practical in nature: a resume, business letters, a clear expression of opinion (relying on facts). Students will engage in two research projects (one career-based and the other unrestricted). Readings may include real-world documents, selected short stories, and individual reading selections. Students will also study the craft of storytelling and presentation.

English 12 CTP
Course Number: HS20213
Semester Class

CTP
Grade 12
1 Credit

The primary focus of this course is to improve students' thinking and writing skills for post-secondary education. The course emphasizes grammar skills, vocabulary skills, and preparation for the SAT exams. Writing assignments include expository writing, literary analysis, and a research paper. The fall semester includes a college application project. Readings may include *Night*, *Tuesdays with Morrie*, poetry, fiction, essays, and drama drawn from many ages and across the globe, as well as outside reading assignments.

English 12 H
Course Number HS20214
Semester Class

Honors
Grade 12
1 Credit

This intensive course develops skills of inquiry and analysis using a wide range of sources. This course is appropriate for independent learners who are academically driven, and whose graduation goals include acceptance to a four-year college. Writing assignments include expository writing, literary analysis, and a research paper. The fall semester includes a college application project. Readings may include *Night*, *Tuesdays with Morrie*, *Small Great Things*, poetry, fiction, essays, and drama drawn from many ages and across the globe, as well as outside reading assignments.

English 12 Holocaust Literature CTP
Course Number HS20232
Semester Class

CTP
Grade 12
1 Credit

This course offers a study of the Holocaust through a variety of genres, including poetry, novels, short stories, memoirs, primary sources, film, and children's literature, in order to gain a better understanding of the significance of the Holocaust. Students will gain an understanding of the ramifications of prejudice, indifference, and dehumanization, yet will get glimpses of kindness and humanity in the worst of times. Students will read thoroughly, express ideas effectively (both in writing and speaking) and seek out deeper levels of empathy for themselves and all humanity. **This semester-long course will fulfill the English 12 credit requirement.**

English 12 Holocaust Literature H
Course Number HS20232A
Semester Class

Honors
Grade 12
1 Credit

This intensive course offers a study of the Holocaust through a variety of genres, including poetry, novels, short stories, memoirs, primary sources, film, and children's literature, in order to gain a better understanding of the significance of the Holocaust. This course is appropriate for independent learners who are academically driven, and whose graduation goals include acceptance to a four-year college. Students

will gain an understanding of the ramifications of prejudice, indifference, and dehumanization, yet will get glimpses of kindness and humanity in the worst of times. Students will read thoroughly, express ideas effectively (both in writing and speaking) and seek out deeper levels of empathy for themselves and all humanity.

This semester-long course will fulfill the English 12 credit requirement.

English 12 Creative Writing Course Number: HS20219A Semester Class	(This course not offered 2024-25)	CTP/Honors Grade 12 1 Credit
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This course is designed for seniors who have a serious interest in writing. The course offers an opportunity for the student to experiment with writing in the areas of fiction, poetry, and drama. This course will be offered at CTP and Honors Level. **The course meets English graduation requirements for grade 12**

English 12 AP Literature Course Number: HS20215 Year Class <i>Prerequisite: English 11 H or AP Language and Composition and the approval of the instructor.</i>	(This course not offered 2024-25)	Honors Grade 12 1 Credit
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Priority selection for AP courses will be based on GPA, attendance, and current performance in prerequisite classes. AP students will be required to sign an AP Contract at the time of registration.

This college-level literature course is appropriate for highly independent learners who are driven to exceed the standards of a high school course. The course incorporates both British and World literature course materials in preparation for this exam.

Summer Reading will be required for this course. Students are required to take the AP English Literature Exam upon completion of this course. There is a \$98 examination fee. **This course is not guaranteed to run. If this is the case, students will be automatically rescheduled to English 12 Honors.

English Electives

Writing and Journalism I Course Number: HS20217 Semester Class <i>Prerequisite: None</i>	<u>This course not offered 2024-25</u>	CTP/Honors Grades 9-12 1 Credit
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Students will explore fundamental journalistic practices, including news and feature writing, inverted pyramid structure, interview skills, objective reporting, revision for publication, basic layout techniques, research and attribution of sources, news media law and ethics, advertising, and sales. Students will investigate stories and report their stories with accuracy, clarity, and style. They will evaluate the effectiveness of various news media and critique both their content and style.

Writing and Journalism II

Course Number: HS20221

Semester Class

Prerequisite: Writing and Journalism I (or journalism portfolio) or approval of the instructor.

This course not offered 2024-25

CTP/Honors

Grades 10-12

1 Credit

This class will meet concurrently with Writing and Journalism I. Students will build on the skills they learned in the introductory course while also learning editing practices, advanced layout techniques, editorial and column writing, business management, advertising, distribution, and some photojournalism. Because much of the class will be devoted to cultivating a journalistic product (usually a newspaper), editorial duties and responsibilities will be a priority.

Public Speaking I & II

Course Number: HS20231

Quarter Class

This course not offered 2024-25

CTP

Grades 9-12

.5 Credit

Public Speaking is designed to help students become confident, effective speakers. Students of all ages and abilities are welcome to take this course. Both sections may be taken for credit. Students will practice speechwriting and delivery, with an emphasis on persuasion and rhetorical devices. Resources for the class will include the textbook Public Speaking Today, current issues speeches, and several selections from the "Top 100 Speeches of the 20th Century" list available at www.americanrhetoric.com.

ESOL (English for Speakers of Other Languages)

Course Number: HS20228

CTP

Grades 9-12

This individualized course is for students in grades 9-12 who need to improve their listening comprehension, speaking, reading, and writing skills in English. Curriculum and instruction are based on the WIDA standards, including vocabulary building, academic support, and integration, as needed. Instruction is one-on-one or in a small group. Topics vary according to student needs. The Test of English as a Foreign Language (TOEFL) exam preparation is offered for students in grades 11 and 12, if needed.

The ESOL teacher may, with the approval of the Academic Coordinator, elect to use additional or alternative resources to supplement those listed above.

Math Department

The Kingswood Regional High School Mathematics Program offers a broad range of courses designed to meet the needs of all students. In conjunction with our school's mission statement, the Mathematics Department believes that everyone can learn and use mathematics. We live in a data driven society that relies on a person's ability to reason mathematically. The level of mathematical thinking and problem solving required to analyze problems and to communicate has increased dramatically. In such a world, mathematical competence opens doors to productive futures. The mathematics department offers courses for students with varied learning styles and academic goals. We believe that all students can reach high standards of academic achievement and critical thinking.

***Four* math credits or three math credits plus *one* applied Math credit are required for graduation. Each student must have a specific Math Department course 9th through 11th grade, and in 12th grade a math course, or an applied math content course approved as such in this document. (Example: Chemistry, Physics, Accounting, etc. See page 24 for a complete list of approved Applied Math Content courses.)**

Programs

The programs offered by the mathematics department are at the Standard, College/Tech Prep, Honors and Advanced Placement (AP) levels.

Students who are enrolled in Standard courses will make use of hands-on activities, math computer programs and discussions throughout the duration of such courses. If a student would like to advance from Standard to College/Tech Prep level, the student must meet with the current math teacher and Academic Coordinator for approval. In some cases, the student will be asked to pass the previous College/Tech Prep level final exam with an average of 84% or better to demonstrate they can be successful at that level.

Students who are enrolled in the College/Tech Prep courses will be asked to explore concepts through the use of technology, discussions, and group work. The department recommends that students maintain a 75% or better average in their previous College/Tech Prep course to remain in the College/Tech Prep program. If a student would like to advance from College/Tech Prep to Honors level, the student must meet with the current math teacher and Academic Coordinator for approval. In some cases, the student would be asked to pass the previous Honors level final exam with an average of 84% or better to demonstrate that they can be successful at an accelerated level.

Students who are enrolled in the Honors courses will have the opportunity to take the most challenging and rigorous courses offered by the department. A high emphasis is put on the student to be motivated and have good study habits and notetaking skills. In order to progress in such a program, the department recommends that students earn an 84% or better average in their previous Honors course to remain in the Honors program.

Students who enroll in an Advanced Placement course are required to take the AP exam in the spring in order to receive AP credit for the course. The student needs to be self-motivated, take responsibility for their own learning if a concept is not making sense, and apply knowledge to problem solving. AP courses provide the student with the most challenging coursework intended to earn college level credits.

Examples of Common Math Sequences at KRHS



Technology

Technology continues to play an important role in mathematics instruction and students can expect to use scientific calculators as well as graphing calculators in all courses. Technology integration also includes the use of graphing utilities, geometry utilities, spreadsheets and other computer software packages that help students understand mathematical concepts. Students enrolled in Honors-level math courses should purchase a graphing calculator.

Homework

The Math Department's philosophy for student homework is driven by Kingswood Regional High School's Mission Statement. We, in the Math Department, believe homework develops the individual student's work ethic, personal responsibility and confidence for exploration and discovery, while providing practice for curriculum reinforcement. The goal of this extra practice is to improve content retention and build computational skill, speed, and accuracy.

Pre Algebra Workshop A&B S

Course Number: HS60006 & HS60007

Semester Class

Standard

Grade 9

*2 Credit

Recommended for students with a NWEA score below 220/ Exact Path score below 1050.

Pre Algebra Workshop is a course designed to meet individual learners at their level with targeted intervention to strengthen the student's math skills for future success in Algebra 1. This course may be yearlong or semester depending on the student's need. The class will involve the whole class and small group activities as well as individual skill work. Computer based programs such as Khan Academy may be used for individual skill work. Essential topics include arithmetic operations involving decimals, fractions, proportions, percents and integers, all with and without using a calculator, reasoning with number patterns to understand operations, exploring patterns to understand topics such as GCF, LCD, exponents, and roots. To prepare for Algebra students will also work on solving one, two and multi-step equations with variables on one or both sides of the equation using order of operations, evaluate expressions and look for and describe patterns. Students will graph functions on the coordinate plane and be able to understand the relationship between a written description, a table, an equation, and a graph.

*** This course counts as two credits: one elective credit and one math credit.****Algebra I A&B S**

Course Number: HS60004 & HS60005

Year Class

Standard

Grade 9

*2 Credits

Recommended prior course for success: Present Grade 8 math teacher recommendation and Exact Path score below 1040.

This course is designed for students who need reinforcement of basic skills while developing algebraic concepts and the idea of variables at a slower pace. Topics in whole numbers, fractions, decimals and integers will be developed and reinforced using algebraic expressions and equation solving. Strategies will be developed for problem solving and applications of mathematical skills will be taught. Additional topics set forth by the Common Core Standards consist of the ability to analyze structure in expressions, solve problems involving polynomials and rational expressions, graphing and solving linear/quadratic/exponential functions, and creating and reasoning with equations and inequalities will be integrated into the course. This course is a preparation for Geometry Standard and continuing onto Algebra II Standard.

*** This course counts as two credits: one elective credit and one math credit.****Algebra I Standard****(This course not offered 2024-25)**

Course Number: HS60613

Semester Class

Standard

Grade 9

1 Credit

Recommended prior course for success: Present math teacher recommendation and Exact Path score below 1040.

This course is designed for students who need reinforcement of basic skills while developing algebraic concepts and the idea of variables at a slower pace. Topics in whole numbers, fractions, decimals and integers will be developed and reinforced using algebraic expressions and equation solving. Strategies will be developed for problem solving and applications of mathematical skills will be taught. Additional topics in probability, statistics, graphing, geometry, and percent will be integrated into the program. This course is a preparation for Geometry Standard.

Algebra I CTP

Course Number: HS60601

Semester Class

Recommended prior course for success: Present math teacher recommendation.

CTP

Grades 9-10

1 Credit

Algebra I is the basic course needed for future work in mathematics and sets the foundation for the more rigorous scientific and technical areas. Students are expected to have a good work ethic, know basic skills, and have an understanding of operations with fractions and decimals. Topics set forth by the Common Core Standards consist of the ability to analyze structure in expressions, solve problems involving polynomials and rational expressions. Graphing and solving linear/quadratic/exponential functions and creating and reasoning with equations and inequalities will be integrated into the course.

Algebra I Honors

Course Number: HS60602

Semester Class

Recommended prior course for success: Present math teacher recommendation. Exact Path score above 1230 for Honors level.

Honors

Grades 9-10

1 Credit

Algebra I is the basic course needed for future work in mathematics and sets the foundation for the more rigorous scientific and technical areas. Students are expected to have a good work ethic, know basic skills, and have an understanding of operations with fractions and decimals. Topics set forth by the Common Core Standards consist of the ability to analyze structure in expressions, solve problems involving polynomials and rational expressions. Graphing and solving linear/quadratic/exponential functions and creating and reasoning with equations and inequalities will be integrated into the course.

Consumer Mathematics S

Course Number: HS60605

Semester Class

Recommended prior course for success: Algebra I and Geometry completed, and teacher recommendation.

Standard

Grades 11-12

1 Credit

The student will gain a working ability with the four operations of arithmetic using whole numbers, fractions, decimals and percents. Computational skill building with the use of a calculator will be coupled with consumer and life skill topics. Some applications covered will include purchasing, credit, personal finances, and insurance as well as financing automobiles and houses.

Geometry S

Course Number: HS60001

Semester Class

Recommended prior course for success: Algebra I or present math teacher recommendation.

Standard

Grades 11-12

1 Credit

This course explores the geometric relationships between plane and solid figures using a wide variety of tools such as rulers, compasses, protractors, computer programs, and graphing calculators. Students perform constructions, measure figures, observe patterns and discuss their findings in order to write their own definitions and formulate their own geometric conjectures backed up by their findings. Topics set forth by the Common Core Standards involve students being able to understand congruence and similarity, apply theorems about circles, express geometric properties with equations and apply/model geometric measurement formulas.

Geometry CTP

Course Number: HS60610

Semester Class

Recommended prior course for success: Algebra I or present math teacher recommendation.

CTP

Grades 10-12

1 Credit

Students in this course are expected to acquire the ability to reason correctly and to demonstrate it in simple formal proofs. The course presents basic concepts about geometric figures, such as lines, angles, polygons, circles, and their relationships to each other as well as algebraic applications to geometry. Topics set forth by the Common Core Standards involve students being able to understand congruence and similarity, apply theorems about circles, express geometric properties with equations and apply/model geometric measurement formulas.

Geometry H

Course Number: HS60611

Semester Class

Recommended prior course for success: Present math teacher recommendation. Exact Path score above 1230 for Honors level.

Honors

Grades 9-10

1 Credit

Geometry, while building knowledge of relationships between plane and solid figures, develops an understanding of the deductive method of reasoning. It also provides an opportunity to use and strengthen algebraic skills and to gain knowledge of the way in which algebra and geometry complement each other. The use of technology, discussions and hands-on activities will be used to extend understanding of concepts. Topics set forth by the Common Core Standards involve students being able to understand congruence and similarity, apply theorems about circles, express geometric properties with equations and apply/model geometric measurement formulas.

Algebra II CTP

Course Number: HS60615

Semester Course

Recommended prior courses for success: Geometry and Algebra I or present mathematics teacher recommendation.

CTP

Grades 10-12

1 Credit

This course teaches an approach to Algebra that utilizes modern notation and concepts. The class work uses data-rich, real-world situations, and applications in a curriculum that places algebra in an inquiry-based context, utilizing investigations of formulas and expressions. Topics set forth by the Common Core Standards involve students being able to interpret, model and solve polynomial, trigonometric, radical, and exponential functions, and to make inferences from data.

Algebra II/Trig H

Course Number: HS60616

Semester Class

Recommended prior course for success: Algebra I and Geometry or present mathematics teacher recommendation.

Honors

Grades 10-11

1 Credit

This course will include a focus on the requirements of Algebra II CTP, but at a deeper level. The class work uses data-rich, real world situations, and applications in a curriculum that places algebra in an inquiry-based context, utilizing investigations of formulas and expressions. Topics set forth by the Common Core Standards involve students being able to interpret, model and solve polynomial, trigonometric, radical, logarithmic and exponential functions to make inferences from data.

Algebra II S

Course Number: HS60002

Semester Course

Recommended prior course for success: Geometry and Algebra I or present mathematics teacher recommendation.

Standard

Grades 11-12

1 Credit

This course provides a balanced mix of data-analysis and pure-algebra techniques, many in a hands-on investigative approach. The content of each lesson provides a balance of basic skills and higher-level thinking. Students practice, reason, apply, and review as they progress through the curriculum. Algebraic techniques equip students with multiple problem-solving strategies. Topics set forth by the Common Core Standards involve students being able to interpret, model and solve polynomial, trigonometric, radical, logarithmic and exponential functions and to make inferences from data. This course will entail review of linear and quadratic functions and other topics from Algebra I and students are expected to understand the concepts after the review.

Functions and Trigonometry

Course Number: HS60003

Semester Class

Recommended prior course for success: Algebra I, Geometry, and Algebra II

CTP

Grades 11-12

1 Credit

This course is designed for students that want a fourth math credit to keep their math skills fresh for college but are not on the Pre-Calculus/Calculus track. The goal of this course is to gain understanding of Trigonometry and Functions as they are applied to real life problems. Half of the course will entail the study of Trigonometry and the other half of the course will involve the basic mathematic functions such as linear quadratic, cubic, exponential logarithmic, etc., and how they are used to model real life problems. This class is not suggested if the student has already taken Pre-Calculus.

Pre-Calculus CTP

Course Number: HS60619

Semester Course

Recommended prior course for success: Algebra II CTP or Algebra II Honors or present mathematics teacher recommendation.

CTP

Grades 11-12

1 Credit

The course will show how algebra and trigonometry can be used to model real-life problems in physics, finance, life sciences and statistics. Students will make a thorough study of rational and polynomial functions, trigonometry, logarithmic and exponential functions. This course is designed for all students desiring preparation for college level mathematics.

Pre-Calculus H

Course Number: HS60621

Semester Class

Recommended prior course for success: Algebra II H or present mathematics teacher recommendation.

Honors

Grades 11-12

1 Credit

This accelerated course integrates selected topics preparing the students for work covered in Calculus. The student makes a thorough study of rational and polynomial functions, trigonometry, logarithmic and exponential functions and limits. Topics may also include conic section, polar coordinates, sequences, and series. This course is recommended and designed to prepare a student for AP Calculus.

Statistics College Level

Course Number: HS60625A

Semester Class

Recommended prior course for success: Algebra II H or present mathematics teacher recommendation.

Honors

Grades 12

1 Credit

The purpose of a course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, the describing patterns, and departures from patterns; sampling and experimentation, including planning and conducting a study; anticipating patterns, exploring random phenomena using probability and simulation; and statistical inference, estimating population parameters and testing hypotheses.

College credit available for qualified students via Early College, *fee applicable*. In order to qualify for Early College, a student must have earned a grade of B or better in Pre-Calculus or an A in Algebra II.

Calculus H

Course Number: HS60626

Semester Class

Recommended prior course for success: Pre-Calculus H or present mathematics teacher recommendation.

Honors

Grade 12

1 Credit

This one-semester course is designed to offer students a good foundation in the basics of calculus. Students who successfully complete this course should be prepared to meet the challenge offered in a more rigorous course on the college level. Typical topics studied are functions, limits, derivatives using definitions and formulas, curve sketching, techniques of integration, applications of the integral, science applications plus a multitude of other concepts.

Calculus Advanced Placement

Course Number: HS60627

Semester Class

Honors

Grade 12

1 Credit

Requirement: Students registering for this class must take Calculus Honors concurrently.

Priority selection for AP courses will be based on GPA, attendance, and current performance in prerequisite classes. AP students will be required to sign an AP Contract at the time of registration.

This course will prepare you for the Advanced Placement Exam (AP) and may result in advanced credit for students taking Calculus in college. Students will: work with functions represented in a variety of ways; graphical, numerical, analytical, or verbal; learn the meaning of the derivative in terms of a rate of change and local linear approximation; understand the meaning of the definite integral both as a limit of Riemann sums and as the net accumulation of change; and learn the relationship between the derivative and the definite integral as expressed in both parts of the Fundamental Theorem of Calculus.

Students are required to take the AP Calculus Exam upon completion of this course. There is a \$98 examination fee.

Science Department

The Science Department offers a comprehensive selection of courses for students of all grade and ability levels. Three science credits are required for graduation:

1. One physical science credit by taking either: Physical Science, Astronomy, Chemistry, or Physics
2. One biology science credit by taking Biology
3. One science credit by taking a third science course of your choice

The typical student will satisfy their third science credit with Chemistry or Physics. Your third science credit may also be satisfied by taking Health Science and Technology I offered through the Lakes Regional Technology Center. All students who wish to take advanced placement courses, and/or Human Anatomy & Physiology should make careful note of the prerequisites. Students are also urged to pay close attention to math prerequisites for all courses.

A variety of courses are offered to provide experiences for all students that encourage inquiry, critical thinking, and respect for each other and the environment. All courses use experimentation, the scientific method, and the application of technology in problem solving.

Note: CTP/Honors level science courses meet 2-4 yr. college admissions requirements. Standard level science courses do not meet this requirement.

Physical Science S

Course Number: HS80800
Semester Class

Standard
Grade 9
1 Credit

Physical Science is the first course in the Kingswood science sequence. This course gives students an introduction to basic chemistry and physics concepts and their application to everyday life. Concepts will be presented with an emphasis on practical applications of physics and chemistry. Laboratory projects and activities are a major part of the program.

Physical Science CTP

Course Number: HS80801
Semester Class

CTP
Grade 9
1 Credit

Physical Science is the first course in the Kingswood science sequence. This course gives students an introduction to basic chemistry and physics concepts and their application to everyday life. Concepts will be presented with an emphasis on practical applications of physics and chemistry. Laboratory projects and activities are a major part of the program.

Physical Science H

Course Number: HS80802
Semester Class

Honors
Grade 9
1 Credit

Prerequisite: Teacher recommendation based on success in eighth grade science. Students should have taken or be taking Algebra I CTP or higher and be able to work independently.

Physical Science is the first course in the Kingswood science sequence. This course gives students an introduction to basic chemistry and physics concepts and their application to everyday life. Concept will be presented with an emphasis on practical applications of physics and chemistry. Laboratory projects and activities are a major part of the program. At the Honors level, concepts are arrived at through experimentation and guided reasoning based on the results of the students' own investigations.

Biology S

Course Number: HS80804
Semester Class

Standard
Grade 10
1 Credit

Biology is designed with a practical approach to the life sciences. Units on the cell, biochemistry, genetics, evolution, diversity and unity, ecology, science as inquiry, and science and society are included. Course work includes reading, discussion, lectures, and an emphasis on laboratory work. The course is structured to allow each student to work at their own level. The class does both individual and group work.

Biology CTP

Course Number: HS80805
Semester Class

CTP
Grade 10
1 Credit

This course is focused on a variety of life science topics including the cell, biochemistry, characteristics of living things, genetics, DNA, RNA, protein synthesis, evolution, biotechnology, and ecology. Material is introduced and reinforced through a variety of methods including lectures (online and in-class), group work, class activities and discussions, laboratory experiments (both traditional and inquiry-based), and written reports and essays. Students are assessed both by traditional means (quizzes and tests) and through various projects and activities. The class is very interactive and is geared to preparing students for secondary education.

Biology H

Course Number: HS80806
Semester Class

Honors
Grade 10
1 Credit

Prerequisite: Physical Science College/Tech Prep or Honors and recommendation of science teacher.

This class focuses on implementing three-dimensional learning for its students. The course requires students to “practice” the behaviors of scientists by forming hypotheses, designing experiments, collecting, and analyzing data. It requires students to demonstrate understanding of several cross-cutting concepts including energy and matter, structure and function, and stability and change. It also allows students to investigate several core ideas in biology by investigating units related to biochemistry, cells, energy flow (photosynthesis/respiration), genetics, genetic engineering, evolution, and ecology.

Chemistry CTP

Course Number: HS80808
Semester Class

CTP
Grades 10-12
1 Credit

Prerequisite: Students should have taken or be taking Geometry.

Chemistry College/Tech Prep is a college preparatory high school chemistry course dealing with the structure of matter, its properties, and changes in these properties due to chemical changes. This course presents the basic concepts of chemistry and includes the historical development of those concepts. Students will be encouraged to develop the problem-solving skills necessary for successful survival in a rapidly changing, technological society. Concepts are presented through reading, lecture, laboratory work and laboratory reports.

This course is approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Chemistry H

Course Number: HS80809

Semester Class

Prerequisite: Students should have successfully completed Geometry.

Honors

Grades 10-12

1 Credit

Chemistry Honors deals with the structure and interactions of matter. This college preparatory course presents a high level of chemical knowledge through data gathering and problem-solving techniques. Laboratory work makes up a large portion of the course that is structured in a framework of abstract reasoning and mathematical solutions. In these ways, the course is significantly more challenging than Chemistry College/Tech Prep. Students will gain the problem-solving skills necessary to live affirmatively in a technologically oriented society. Laboratory reports are routinely written.

This course is approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Students may take this class for college credit through Early College. Tuition is free as long as it remains a STEM course.

Physics CTP

Course Number: HS80814

Semester Class

*Prerequisite: Students should be taking or have taken Algebra II or the equivalent. Students **DO NOT** have to complete a chemistry course before taking any physics course. Present science teacher's signature is required.*

CTP

Grades 11-12

1 Credit

In Physics CTP students investigate classical mechanics, they explore phenomena that can be explained by Newton's laws, vector analysis and conservation laws. Physics CTP emphasizes the use of evidence based reasoning for scientific explanations and engineering solutions in order to communicate recommendations to address real world problems. Students discuss and evaluate a wide variety of scientific texts and data from different sources. Laboratory reports are required to develop writing and analytical skills and to allow students to draw conclusions from observations. This physics course will prepare students for college and career and technology schools.

This course is approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Physics H

Course Number: HS80813

Semester Class

*Prerequisite: Students should have taken or be taking Pre-Calculus CTP or Honors. Students **DO NOT** have to complete a chemistry course before taking any physics course. Present science teacher's recommendation is required.*

Honors

Grades 11-12

1 Credit

This college preparatory course follows the model of the AP Physics 1 curriculum. The course is algebra based but is significantly more challenging than Physics 80814 College/Tech Prep. Students will learn to use representations and models to communicate scientific phenomena and solve scientific problems. The main emphasis in this course is Newtonian mechanics including systems, force interactions, vector analysis and the conservation laws. Additional topics, time permitting, include waves, sound, light, electricity, and magnetism. Laboratory reports are required to have students use evidence and reasoning to draw conclusions from observations, and to develop writing and analytical skills. This course supports NGSS science standards, where inquiry based learning allows students to develop their own scientific lens. The educational tools gained through learning in H. Physics will help prepare students for college and career and technology schools. ***This course is approved to meet the senior year math content course requirement. Please refer to page 24 for more details.***

Human Anatomy and Physiology I

Course Number: HS80815

Semester Class

CTP/Honors

Grades 10-12

1 Credit

Recommended prerequisite: Student intending on post-secondary studies in any science field are strongly encouraged to complete both Chemistry and Physics. Students must have successfully completed Biology.

Anatomy studies internal and external structures and the physical relationships between body parts. Physiology studies how organisms perform vital functions. This elective course will show the correlation between anatomy and physiology using reading, discussion, and laboratory work. The focus of this course is introduction to the human body systems and terminology, an exploration of histology, and in-depth examination of the integumentary, skeletal, and muscular systems with a survey of the nervous system. This course will help prepare students interested in medical professions, physical education, animal sciences, art and those who would like to expand their knowledge of Biology. Students planning on taking the Advanced Placement Biology exam will benefit from this course.

Students may take this class for 4 college credits through Early College. Tuition is free as long as it remains a STEM course.

Human Anatomy and Physiology II

Course Number: HS80816

Semester Class

This is course not offered 2024-25

CTP/Honors

Grades 11-12

1 Credit

Prerequisite: Students must have successfully completed Human Anatomy and Physiology I.

This course continues the study of the anatomy and physiology of the human body. Anatomy and Physiology students will be using a college text and laboratory manual. This challenging course will help prepare students interested in medical professions, animal sciences and those who would like to expand their knowledge of science.

Advanced Placement (AP) Biology

Course Number: HS80817

Year Class

Honors/AP

Grade 12

1 Credit

Prerequisite: Students must have successfully completed both Biology CTP/Honors and Chemistry CTP/Honors. Anatomy & Physiology is also recommended as a co-requisite.

Priority selection for AP courses will be based on GPA, attendance, and current performance in prerequisite classes. AP students will be required to sign an AP Contract at the time of registration. Only one section of this course will be offered per year.

AP Biology students will be using a college text and will conduct a minimum of twelve laboratory procedures recommended by the AP Biology Development Committee under the auspices of the College Entrance Examination Board. The labs will be a mixture of both inquiry labs and guided inquiry activities. The AP Biology course and examination will stress the following big ideas: *Big idea 1:* The process of evolution drives the diversity and unity of life. *Big idea 2:* Biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis. *Big idea 3:* Living systems store, retrieve, transmit and respond to information essential to life processes. *Big idea 4:* Biological systems interact, and these systems and their interactions possess complex properties.

Students are encouraged to take the AP Biology Exam upon completion of this course. There is a \$98 examination fee.

Environmental Science

Course Number: HS80818

Semester Class

Prerequisite: Physical Science and Biology.

S/CTP/H

Grades 11-12

1 Credit

This course explores the overarching concept of environmental sustainability. Students explore the challenges of reducing human impact on Earth's land, water, and atmosphere at local, regional, and global levels. Topics covered in the course include stewardship and sustainability, wetland ecology, freshwater resources, atmospheric pollution, ecosystem functions, endangered species, world climate, and environmental ethics. Outdoor fieldwork, laboratory work and projects are the basis of this course.

This is a student level contracted class. Both CTP and Honors levels require a commitment to complete work outside of class scheduled time.

Honors level requires an extensive semester long project/paper for which little to no class time will be allocated.

Astronomy

Course Number: HS80830

Semester Class

CTP/Honors

Grades 10-12

1 Credit

This course explores earth in terms of its place in the universe. The traditional curriculum is supplemented with an activity-oriented curriculum under the auspices of the Harvard-Smithsonian Astrophysical Lab. Astronomy includes an examination of the daytime and night skies, the celestial sphere, dimensions, light, optical equipment, spectroscopy, our solar system, galaxies, stellar evolution, and a timeline since the Big Bang. Telescopes and high-quality binoculars are used for viewing the moon. Solar filters are used to safely view the sun. Students also participate in one or more field trips including at least one trip to a larger planetarium. Quarterly projects are required. Articles from current issues of Astronomy Magazine are read to keep students current on the latest astronomical findings and celestial events. This course is recommended for sophomores, juniors, and seniors.

Social Studies Department

The Social Studies Department offers a variety of required and elective courses. Although most required Social Studies courses are taught by levels, there are electives that are taught heterogeneously. Placement of students is a collaborative effort among students, teachers, parents, and School Counseling to maximize opportunity for student progress. The department's goal is that each student's Social Studies experience is aligned with the school's Core Values and Beliefs as well as the 21st Century Skills necessary to be successful beyond high school. The Social Studies Department and the courses we offer are committed to the school's belief in the connection between the academic work of the classroom and the world beyond. All courses are designed based on the department competencies and course standards that will challenge students to think critically, write and communicate effectively, work collaboratively, and demonstrate mastery of historical content.

3.5 credits of Social Studies are required for graduation at KRHS.

The following required courses are offered at three different levels. Students will demonstrate the essential understandings for each Social Studies course through completion of performance tasks.

Grade 9

World History S/CTP/H 1 Credit/Sem

Grade 10

American Government S/CTP/H 1 Credit/Sem

Grade 11

United States History S/CTP/H 1 Credit/Sem

Required Courses

World History S

Course Number: HS90900

Semester Class

Prerequisite: Teacher recommendation

Standard

Grade 9

1 Credit

This course is designed to help each child gain an understanding of World History and its importance through a variety of instructional practices that enable all learners to demonstrate the course's essential understandings. This course will trace man's progress from the Middle Ages to the 20th Century. Students will uncover the unique and diverse religious, political, philosophical, technological, and cultural characteristics of both Eastern and Western Civilizations and assess mankind's struggles, achievements, and contributions throughout history. The accomplishments, challenges, traditions, and prejudices of history will be explored to make it possible for each child to better understand today's problems and prepare for the future. Students will be expected to complete all assignments including regular reading and writing assignments, participation in class discussions, skills application and one major project per quarter.

World History CTP

Course Number: HS90901

Semester Class

Prerequisite: Teacher recommendation

CTP

Grade 9

1 Credit

This course is designed to help each child gain an understanding of World History and its importance through a variety of instructional practices that enable all learners to demonstrate the course's essential understandings. This course will trace man's progress from the Middle Ages to the 20th Century. Students will uncover the unique and diverse religious, political, philosophical, technological, and cultural

characteristics of both Eastern and Western Civilizations and assess mankind's struggles, achievements, and contributions throughout history. The accomplishments, challenges, traditions, and prejudices of history will be explored to make it possible for each child to better understand today's problems and prepare for the future. Students will be expected to complete all assignments including considerable written/reading homework assignments, participation in class discussions, skills application, and one major project per quarter.

World History H

Course Number: HS90902

Semester Class

Prerequisite: Teacher recommendation

Honors

Grade 9

1 Credit

This course is designed to help each child gain an understanding of World History and its importance through a variety of instructional practices that enable all learners to demonstrate the course's essential understandings. This course will trace man's progress from the Middle Ages to the 20th Century. Students will uncover the unique and diverse religious, political, philosophical, technological, and cultural characteristics of both Eastern and Western Civilizations and assess mankind's struggles, achievements, and contributions throughout history. The accomplishments, challenges, traditions, and prejudices of history will be explored to make it possible for each child to better understand today's problems and prepare for the future. Students will be expected to complete all assignments including extensive written/reading homework assignments, participation in class discussions, composite application of skills, and extensive projects and thesis papers.

American Government/Economics S

Course Number: HS90909

Semester Class

Prerequisite: Teacher recommendation

Standard

Grade 10

1 Credit

This course is designed to help each child understand Citizenship Education and its economic component. It focuses on the importance of active citizenry through participation and understanding of the organization and process of American Government. Particular attention is paid to the three branches of government at all levels including national, state, and local. Current events are stressed making connections with the past and planning for a better future. The student will have various opportunities to engage in active citizenry through community service, political action, and hands on application of research. Class participation is extremely important in this course in preparation for participation in active citizenry.

American Government/Economics CTP

Course Number: HS90910

Semester Class

Prerequisite: Teacher recommendation

CTP

Grade 10

1 Credit

This course is designed to help each child understand Citizenship Education and its economic component. It focuses on the importance of active citizenry through participation and understanding of the organization and process of American Government. Particular attention is paid to the three branches of government at all levels including national, state, and local. Current events are stressed making connections with the past and planning for a better future. The student will have the opportunity to do community service, be politically active and do intense research in the field of government making connections to and understanding all forms of government including their strengths and weaknesses. Class participation is extremely important in this course in preparation for participation in an active citizenry.

American Government/Economics H

Course Number: HS90903

Semester Class

*Prerequisite: Teacher recommendation*Honors
Grade 10
1 Credit

This course is designed to help each child understand Citizenship Education and its economic component. It focuses on the importance of active citizenry through participation and understanding of the organization and process of American Government. Particular attention is paid to the three branches of government at all levels including national, state, and local. The course also focuses on basic economic principles including a study of various types of systems, consumerism, and the decision-making process. Current events are stressed making connections with the past and planning for a better future. The student will have the opportunity to do community service, be politically active and do intense and complex research in the field of government making connections to and understanding all forms of government including their strengths and weaknesses. Class participation, debate and oratorical skill development, and completion of various thesis papers is extremely important in this course in preparation for participation in an active citizenry.

United States History S

Course Number: HS90914

Semester Class

*Prerequisite: Teacher recommendation*Standard
Grade 11
1 Credit

This course is designed to help each child gain an understanding of America and its connection to the world. This course covers the major events and themes of United States History from the Revolutionary War Era to Modern America. There is an emphasis on 20th Century America. Both domestic and international events are studied. Students will gain an understanding of domestic concerns as well as an appreciation of how America's place in the global community has developed and changed. Students will demonstrate knowledge and understanding by successfully completing performance tasks.

United States History CTP

Course Number: HS90916

Semester Class

*Prerequisite: Teacher recommendation*CTP
Grade 11
1 Credit

This course provides a comprehensive study of the United States both chronologically and thematically from the Revolutionary War Era to Modern America with an emphasis on the 20th century. Each child is provided the opportunity to examine how the political, economic, and social history of the nation is interwoven, establishing a unique and challenging American society. Students will gain an understanding that the United States development and growth is a complex balance between domestic concerns and the nation's place in an interconnected globe. Students will demonstrate knowledge and understanding through a wide variety of performance tasks that include traditional assessments, research to uncover new information, persuasive writings, class discussions/participation, simulations of historical events, individual/collaborative/cooperative projects, and presentations.

United States History H

Course Number: HS90925

Semester Class

*Prerequisite: Teacher recommendation*Honors
Grade 11
1 Credit

This course provides a comprehensive study of America both chronologically and thematically from the Revolutionary War Era to Modern America with an emphasis on the 20th century. Each child is provided the opportunity to examine how the political, economic, and social history of the nation is interwoven, establishing a unique and challenging American society. Students will gain an understanding that the United States development and growth is a complex balance between domestic concerns and the nation's

place in an interconnected globe. Students will demonstrate knowledge and understanding through a wide variety of research-based venues; traditional assessments, class discussion/participation, individual/collaborative/cooperative projects, persuasive writings, and presentations.

Advanced Placement (AP) Courses

World History AP

Course Number: HS90944

Year Class

Prerequisite: Department approval

Honors/AP

Grades 11

1 Credit

Requirement: Grade 11 students registering for this class must take English 11 AP concurrently.

Priority selection for AP courses will be based on GPA, attendance, and current performance in prerequisite classes. AP students will be required to sign an AP Contract at the time of registration.

The goal of the World History AP course is to develop a greater understanding of the evolution of the global processes and contacts in different types of human societies. This course highlights the nature of change in global frameworks and the associated causes and consequences, as well as comparisons among major societies, and continuity over time. Students will address these questions in the historical context of politically and culturally diverse ideas and values. AP World History covers all periods of world history with an emphasis on political, economic, technological, cultural, and social history from the time of the first civilizations through the modern era. It is a yearlong course studied through the use of college-level texts, and primary and secondary readings. It is designed for highly motivated college-bound students who have demonstrated academic rigor, higher order thinking skills, and the ability to work independently.

Summer reading is required for this course.

The course prepares students for the AP examination given in May. ***Taking the World History AP exam is required. There is a \$98 examination fee.***

Social Studies Electives

Current Issues Courses

Grades 10-12

Current Issues is a 1 credit elective course for students in grade 10-12 and is recommended for all seniors. Current Issues is made up of two different courses and students moving on to higher education are encouraged to take at least one of them. Although unique in content and themes, both courses emphasize current issues and foster global awareness. Various criteria for assessment are used.

Current Issues: C

Comparative Political and Economic Systems

Honors

Current Issues: Global Citizenship

The James Foley Legacy Curriculum

CTP/Honors

Current Issues C: Comparative Political and Economic Systems

Course Number HS90942

Semester Class

Honors

Grades 10-12

1 Credit

This is a semester course that will focus on current issues as they relate to both the domestic and foreign policies of the United States. The course will bring both a historical and contemporary perspective to the most important issues facing our nation as well as America's role as a world power on the global stage. The course has a unique focus on the political and economic systems of capitalism, socialism, communism and fascism and their relevancy to the world today. Case studies of current states require that students

assess, evaluate, and apply their learning in authentic formats. An intense knowledge base, critical thinking skills, and media center research are emphasized. Various performance tasks, with both collaborative and individualized areas are used to compare, contrast, and assess these political and economic systems. Students are expected to present and defend their positions based on their research on a wide range of issues.

Current Issues: Global Citizenship (The James Foley Legacy Curriculum)

Course Number: HS90945
Semester Class

CTP/Honors
Grades 10-12
1 Credit

The James Foley Legacy Curriculum is an elective course offered at both the Honors and College Tech Prep level for students in grades 10,11, and 12. Through a study of the context, themes and legacy of James Foley's life, students will be challenged to cultivate a sense of their own moral courage as global citizens and take action to improve their local and global community. *Jim: The James Foley Story* will serve as the course's introduction to the life and death of James Foley, the theme of moral courage and provide the starting point for a study of modern middle eastern history. Critical inquiry will focus on the powerful role of a free press in challenging governmental abuse of citizens, as well as the moral imperative of using democratic freedoms to give voice to the voiceless. Students will apply their understanding of these contexts and themes to research and write an original article for submission to our local newspaper that educates and raises awareness about a current issue related to advocacy and human rights. Capstone civic action projects will follow two tracks offering opportunities for students to participate in authentic service that facilitates intercultural exchange and global awareness, as well as develop connections to community organizations that fight to improve the emotional, spiritual, and physical lives of those suffering locally. The James Foley Legacy Curriculum prioritizes rigorous historical understanding of global context, drawing personal connections to global patterns, developing a capacity to see the world through someone else's eyes and engaging students in a reflective practice that considers the source of their own moral courage.

Sociology

Course Number: HS90905
Quarter Class

CTP
Grades 10-12
.5 Credit

Sociology is an elective course for students in grades 10-12. This course will provide students with an understanding of Sociology, methods of research, and cultural influences on the development of individual personalities. Further topics include the importance of socialization, social structure and society, the influence of groups and formal organizations, and social inequality. Most of the class discussion will center on the nature of society today. Coursework consists of reading and analysis through discussion as well as homework. One major project is required along with several quizzes and a final exam.

Psychology

Course Number: HS90907
Semester Class

CTP
Grades 11-12
1 Credit

Psychology is an elective course for students in grades 11 and 12. This is a basic survey course that will introduce the student to psychology and will deal with everyday behavior. The focus will be on human development, personality, learning and intelligence, motivation and emotions, coping with stress, and the diagnosis and treatment of personality disorders. Class discussions and reading assignments, major projects, and several quizzes plus a final exam are minimum requirements for this course.

World Geography

Course Number: HS90934

Quarter Class

CTP

Grades 10-12

.5 Credit

This course will focus on “Human Spatial” geography with the awareness of the essential question, “why people live where they live.” Students will examine the cultural geography of the regions of the world. With a global perspective, students will be able to better understand today’s interdependent world. Students will be expected to complete all readings, work collaboratively, and participate in discussions. Students will demonstrate their mastery of the course understandings of the 5 Themes of Geography by applying concepts, skills, and the use of geographical tools and technology through performance tasks that include a research project, quizzes, and tests.

World War II: The Greatest Generation

Course Number: HS90940

Quarter Class

CTP/Honors

Grades 10-12

.5 Credit

World War II and the generation of Americans who rallied to defend the nation both on the war front and at home are symbolic of what is best about America. Their sacrifices and commitment to democratic values defined us as a nation then and continues to inspire us as a world leader. This course will examine the events leading up to the war, the political intrigues and strategic military planning of the war years, and the ideological divide in the aftermath of the war. Historical readings, films, documentaries, and coordination with the Wright Museum will be used to study the war through multiple lenses. Students may contract for either CTP or Honors level credit with the instructor.

World Language Department

The World Language Department offers courses in study of French and Spanish. Through the study of a second language, it is the overall goal of the world language department that each student's achievement aligns with the National Standards and the KRHS Mission. Thus, the major goals of the World Language Department are:

- To empower students to develop academically as inquisitive, critical, independent, and cooperative learners.
- To instill in students an awareness, respect, and appreciation of the culture(s) of the language(s) they are studying.
- To enable students to develop an appropriate level of proficiency and communicate effectively in the three modes of communication: interpersonal, interpretive, and presentational.
- To encourage and nurture individual student talents and abilities through the study of languages.
- To enable students to appreciate and understand different cultural products, practices, and perspectives, and to make connections with their own culture.
- Students who elect to study a world language must meet the required prerequisite grade and have the approval of the World Language Coordinator and/or respective language teacher. If a student attains a grade of 65%-74% in a language level, the student will receive credit for the course, but will need to repeat the course to gain proficiency in order to continue successful language acquisition. It is also strongly recommended that a student not take a year or more off from their language study. When language study is interrupted, skills often lapse.

Many colleges and universities require two levels of the same world language; however, UNH and other institutions prefer three to four levels. When students have mastered the core foundation of one language, we encourage students to elect an additional language.

World Language courses are elective courses and thus it is expected that each student be an active participant in the world language class and that the student agrees with and demonstrates a commitment to meeting the goals of the course.

Spanish Language Courses

Spanish I

Course Number: HS30300

Semester Class

Prerequisite: Enrollment in English CTP is recommended and/or recommendation of Spanish language teacher or Coordinator.

CTP/Honors

Grades 9-12

1 Credit

Students in Spanish I will develop their language proficiency in the three modes of communication: interpersonal, interpretive, and presentational. Students will also learn about a variety of cultural products, practices, and perspectives in the Spanish speaking world. Some of the topics that students will study during this course are the following: self and family, cultural celebrations and traditions, immigration, and food. Throughout these units, many of which are story based, students will interact with a variety of resources, including authentic and non-authentic resources, such as websites, movies, music, short novels, and short films. By the end of Spanish I, students should reach the Novice High level of proficiency. Grading is based on evaluations in the three modes of communication, homework, classwork, and participation.

Spanish II CTP

Course Number: HS30301

Semester Class

Prerequisite: Grade of 75% in Spanish I CTP and Spanish language teacher approval.

CTP

Grades 9-12

1 Credit

Students in Spanish II will continue to develop their language proficiency in the three modes of communication: interpersonal, interpretive, and presentational. Students will also learn about a variety of cultural products, practices, and perspectives in the Spanish speaking world. Some of the topics that students will study during this course are the following: school and self, the impacts of technology on society, Bolivian culture, Spanish culture (including bullfighting and many other things), and Costa Rican culture. Throughout these units (many of which are story-based) students will interact with a variety of resources, including authentic and non-authentic resources, such as music, websites, movies, infographics, short novels, and short films. By the end of Spanish II, students should reach the Novice High level of proficiency. Grading is based on formative assignments and summative assessments. All summative assessments are in the three modes of communication.

Spanish II Honors

Course Number: HS30302

Semester Class

Prerequisite: Grade of 90% in Spanish I CTP and Spanish language teacher approval.

Honors

Grades 9-12

1 Credit

Students in Spanish II will continue to develop their language proficiency in the three modes of communication: interpersonal, interpretive, and presentational. Students will learn about a variety of cultural products, practices, and perspectives in the Spanish speaking world. Some of the topics that students will study during this course are the following: school and self, the impacts of technology on society, Bolivian culture, Spanish culture (including bullfighting and many other things), and Costa Rican culture. Throughout these units (many of which are story-based) students will interact with a variety of resources, including authentic and non-authentic resources, such as music, websites, movies, infographics, short novels, and short films. By the end of Spanish II, students should reach the Novice High level of proficiency. Grading is based on formative assignments and summative assessments. All summative assessments are in the three modes of communication. Students at this level complete a more in-depth study of the language and the course moves at a faster pace.

Spanish III CTP

Course Number: HS30303

Semester Class

Prerequisite: Grade of 75% in Spanish II CTP and Spanish language teacher approval.

CTP

Grades 10-12

1 Credit

Students in Spanish III CTP will continue to develop their language proficiency in the three modes of communication: interpersonal, interpretive, and presentational. Students will also learn about a variety of cultural products, practices, and perspectives in the Spanish speaking world. Some of the topics that students will study during this course are the following: self, dance and culture, traditions and celebrations in Spanish speaking countries, history, and more. Throughout these units, many of which are story based, students will interact with a variety of resources, including authentic and non-authentic resources, such as websites, movies, infographics, short novels, and short films. By the end of Spanish III, students should reach the Intermediate low/mid level of proficiency. Grading is based on evaluations in the three modes of communication, homework, classwork, and participation.

Spanish III Honors

Course Number: HS30304

Semester Class

Prerequisite: Grade of 84% in Spanish II Honors or 93% in Spanish II CTP and Spanish language teacher approval.

Honors

Grades 10-12

1 Credit

Students in Spanish III Honors will continue to develop their language proficiency in the three modes of communication: interpersonal, interpretive, and presentational. Students will also learn about a variety of cultural products, practices, and perspectives in the Spanish speaking world. Some of the topics that students will study during this course are the following: self, dance and culture, traditions and celebrations in Spanish speaking countries, history, and more. Throughout these units, many of which are story based, students will interact with a variety of resources, including authentic and non-authentic resources, such as websites, movies, infographics, short novels, and short films. By the end of Spanish III Honors, students should reach the Intermediate low/mid level of proficiency. Grading is based on evaluations in the three modes of communication, homework, classwork, and participation.

Spanish IV / V: Culture & Civilization I

Course Number: HS30344A

Semester Class

Prerequisite: Grade of 93% in Spanish III CTP or 84% in Spanish III Honors, and Spanish language teacher approval

CTP/Honors

Grades 11-12

1 Credit

College credit available for qualified students via Early College, fee applicable.

Students in Cultura y Civilización I will continue to develop their language proficiency in the three modes of communication: interpersonal, interpretive, and presentational. Students will also learn about a variety of cultural products, practices, and perspectives in the Spanish speaking world. Throughout the units, students will interact with a variety of resources, including authentic and non-authentic resources. By the end of Culture and Civilization I, students should reach the Intermediate Low, Intermediate Mid, or Intermediate High level of proficiency and will be assessed using the AVANT-STAMP assessment. Grading is based on class evaluations in the three modes of communication, homework, classwork, and participation.

Spanish IV / V: Culture & Civilization II

Course Number: HS30345A

Semester Class

Prerequisite: Grade of 80% in Spanish Culture & Civilization I, and Spanish language teacher approval.

CTP/Honors

Grades 11-12

1 Credit

College credit available for qualified students via Early College, fee applicable.

Students in Cultura y Civilización II will continue to develop their language proficiency in the three modes of communication: interpersonal, interpretive, and presentational. Students will also learn about a variety of cultural products, practices, and perspectives in the Spanish speaking world. Throughout the units, students will interact with a variety of resources, including authentic and non-authentic resources. By the end of Culture and Civilization II, students should reach the Intermediate Low, Intermediate Mid, or Intermediate High level of proficiency and will be assessed using the AVANT-STAMP assessment. Grading is based on class evaluations in the three modes of communication, homework, classwork, and participation.

Spanish AP
Course Number: HS30326
Semester Class

Honors/AP
Grade 11-12
1 Credit

Requirement: Students registering for this class must take Spanish IV/V Culture and Civ I or II concurrently.

Priority selection for AP courses will be based on GPA, attendance, and current performance in prerequisite classes. AP students will be required to sign an AP Contract at the time of registration.

The AP® Spanish Language and Culture course is a rigorous course taught almost exclusively in Spanish that requires students to improve their proficiency across the three modes of communication: interpersonal, interpretive, and presentational. Students and the teacher will communicate with each other in Spanish at all times in the classroom (with a few rare exceptions).

The AP exam and the AP course focus on the integration of authentic resources including online print, audio, and audiovisual resources; as well as traditional print resources that include literature, essays, and magazine and newspaper articles; and also, a combination of visual/print resources such as charts, tables, and graphs; all with the goal of providing a diverse learning experience.

Students are required to take the AP Spanish Exam upon completion of this course. There is a \$98 examination fee.

French Language Courses

French I

Course Number: HS30307
Semester Class

CTP
Grades 9-12
1 Credit

Prerequisite: Enrollment in English CTP is recommended/or recommendation of the World Language Teacher or Coordinator

French I students are introduced to the four basic skills (listening, speaking, reading, and writing) in the French language. Emphasis is placed on communication in this course. Students will begin to write about themselves in French and will be exposed to reading about the culture of Francophone countries. Vocabulary enrichment will deal with themes relevant to students' own lives (greetings, school, family, friends, and leisure activities). Students will also be exposed to a variety of authentic resources in French including songs, websites, television shows and movies. By the end of the semester, students should be able to communicate in short dialogues. Additionally, students should be able to listen to and read samples of French introductions and understand the general meaning. Upon completion of this course students continue to French II CTP or French II Honors based upon grade point achievement and the French teacher's recommendation.

French II CTP

Course Number: HS30308
Semester Class

CTP
Grades 9-12
1 Credit

Prerequisite: Grade of 75% in French I CTP and approval of the French language teacher.

French II continues and expands the development begun in French I in the four basic skills (listening, speaking, reading, and writing). More emphasis is placed on communication in this course than in French I. Students will be writing more and reading longer selections. Vocabulary will deal with themes relevant to students' own lives (school, free time activities, daily routines, shopping, home life, and places around town). Students will also be exposed to a variety of authentic resources in French including songs, commercials, websites, television shows, and movies. By the end of the semester, students should be able

to participate in conversations on a number of familiar topics using simple sentences. Additionally, the student should be able to understand the main idea of short and simple texts when the topic is familiar.

French II Honors

Course Number: HS30309
Semester Class

Honors
Grades 9-12
1 Credit

Prerequisite: Grade of 90% in French I CTP and approval of the French language teacher.

French II continues and expands the development begun in French I in the four basic skills (listening, speaking, reading, and writing). More emphasis is placed on communication in this course than in French I. Students will be writing more and reading longer selections. Vocabulary will deal with themes relevant to students' own lives (school, free time activities, daily routines, shopping, home life and places around town). Students will also be exposed to a variety of authentic resources in French including songs, commercials, websites, television shows, and movies. By the end of the semester, students should be able to participate in conversations on a number of familiar topics using simple sentences. Additionally, the student should be able to understand the main idea of short and simple texts when the topic is familiar.

French III CTP

Course Number: HS30310
Semester Class

CTP
Grades 10-12
1 Credit

Prerequisite: Grade of 75% in French II CTP and French language teacher approval.

French III reinforces and expands the structural concepts and vocabulary studied in French II. Students will be expected to communicate in French with the teacher and classmates during class. The teacher will focus on the ACTFL 90% rule of speaking French (with the exception of grammar instruction). In addition to the traditional textbook structure of a language class, which includes grammar and vocabulary activities, students will read cultural-based texts. These readings will help students to see and use grammar and vocabulary in a more contextualized, communicative manner. Students will also be exposed to a variety of authentic resources in French including songs, commercials, websites, television shows, and movies.

French III Honors

Course Number: HS30311
Semester Class

Honors
Grades 10-12
1 Credit

Prerequisite: Grade of 84% in French II Honors or 93% in French II CTP or French language teacher approval.

French III reinforces and expands the structural concepts and vocabulary studied in French II. Students will be expected to communicate in French with the teacher and classmates during class. The teacher will focus on the ACTFL 90% rule of speaking French (with the exception of grammar instruction). In addition to the traditional textbook structure of a language class, which includes grammar and vocabulary activities, students will read cultural-based texts. These readings will help students to see and use grammar and vocabulary in a more contextualized, communicative manner. Students will also be exposed to a variety of authentic resources in French including songs, commercials, websites, television shows, and movies.

French IV Honors

Course Number: HS30313
Semester Class

Honors
Grades 10-12
1 Credit

Prerequisite: Grade of 84% in French III Honors or 93% in French III CTP or French language teacher approval.

French IV students will be expected to communicate in French with the teacher and classmates during class. The teacher will focus on the ACTFL 90% rule of speaking French (with the exception of grammar

instruction). In lieu of the traditional textbook of a language class, students will read chapter books and authentic texts in the target language. These readings will help students to see and use grammar and vocabulary in a more contextualized, communicative manner. Students will also be exposed to French culture through the arts as well. Art history, film, music, and classical French literature will be part of the French IV curriculum. Please note: The units will be on a rotating basis so that students traveling from levels IV to V are alternating content. Students will also participate in testing that could award a NH Seal of Biliteracy based on performance.

College credit available for qualified students via Early College, fee applicable.

French V Honors

Course Number: HS30327
Semester Class

Honors
Grade 12
1 Credit

*Prerequisite: Grade of **84%** in French IV Honors and French language teacher approval.*

French V students will be expected to communicate in French with the teacher and classmates during class. The teacher will focus on the ACTFL 90% rule of speaking French (with the exception of grammar instruction). In lieu of the traditional textbook of a language class, students will read chapter books and authentic texts in the target language. These readings will help students to see and use grammar and vocabulary in a more contextualized, communicative manner. Students will also be exposed to French culture through the arts as well. Art history, film, music, and classical French literature will be part of the French IV/V curriculum. Please note: The units will be on a rotating basis so that students traveling from levels IV to V are alternating content. Students will also participate in testing that could award a NH Seal of Biliteracy based on performance.

College credit available for qualified students via Early College, fee applicable.

AP French Language and Culture

This course will not be offered 2024-25

Course Number: HS30328
Semester Class

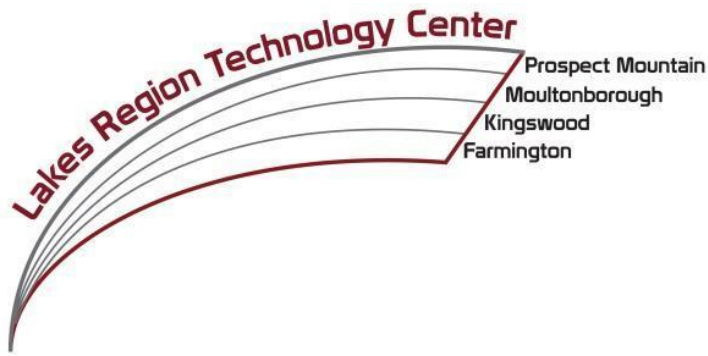
Honors
Grade 12
1 Credit

*Prerequisite: Grade of **84%** in French V Honors and French language teacher approval.*

The AP French Language and Culture Course is designed as a college level course for high school students in their sixth level of French Study. Prerequisite is French V Honors. The teacher conducts the course almost exclusively in French. Students must use the target language on a daily basis. Emphasis is placed using the four skills: (Listening, Speaking, Reading, and Writing), combining these skills with the six thematic AP suggested units together with the three AP tested modes: (Interpretive, Interpersonal, Presentational) in an intermediate to pre-advanced range as described by ACTFL standards. This course incorporates interdisciplinary topics and explicitly addresses all six themes required by the College Board. The use of 21st century technological skills is interwoven in the class. Assessments are based upon class & homework, quizzes, tests, performance tasks and projects.

Students are required to take the AP French Exam upon completion of this course. There is a \$98 examination fee.

Lakes Region Technology Center (LRTC) Programs



All Technology Center Programs are designated as College Tech/Prep (CTP) Courses, except where otherwise noted. Students may contract for Honors level where noted in course descriptions within the first two weeks of the course with approval of respective teachers.

All Technology Center offerings will use a variety of instructional strategies that accommodate individual learning styles to engage students to reach the competency levels of each program. Students will learn practical skills that emphasize career preparation and planning.

Students may elect these courses in grade 10 providing they have satisfactorily completed related courses. All students are eligible to select these courses in Grade 11-12. Those students have priority in course selection respectively. **MOST COURSES MEET FULL YEAR.**

Please note there may be Materials Fees associated with technology courses. Materials Fees vary depending on the course and/or the project choice of the student.

LRTC Programs:

- Agricultural Science Program I & II
- Automotive Service Technology Program I & II
- Careers in Education Program I & II
- Collision Technology Program I & II
- Computers, Networking, and Cybersecurity Program I & II
- Construction Trades Technology Program I & II
- Culinary Arts/Hospitality Program I & II
- Graphic Design Program I & II
- Health Science Technology Program I & II
 - Health Science II: Emergency Medical Technician Option
 - Health Science II: Nurse Assisting Option
- Marine Technology (Program Preview)
- Marketing Education Program I & II
 - Marketing II: Social Media Marketing Management Option
- Multimedia Communications Program I & II
- Precision Manufacturing Program I & II
- Theater Stagecraft Program I & II

Grade 12

Grade 12 students may elect to take LRTC Level III Work Based Learning provided they have successfully completed Levels I & II. This course is offered quarterly. (See page 114 for details.)

Agricultural Science Program

Agricultural Science I

Course Number: HS40478
Year Class

CTP
Grades 10-11
2 Credits

Agricultural Science II

Course Number: HS40479
Year Class

CTP
Grades 11-12
4 Credits

Agricultural Science Level I & II are approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Agricultural Science III *Refer to LRTC Work Based Learning on page 114.

P/F
Grade 12
½- 4 Credits

Ag-Science is a three-year program. Ag-Science I will meet for one block per day. In the Ag-Science II course classes will meet for 2 blocks per day. Students will participate in supervised work experience programs and related theory concurrently. They will use a variety of tools, supplies, instruments, and equipment in the areas relating to: Agribusiness, Horticulture, Agriculture Mechanics, Aquaculture and Forestry/Agriculture Resources. Safe work habits and attitudes are heavily stressed. Future Farmers of America (FFA) activities designed to develop leadership skills will be learned at various community locations including areas for forestry, nursery, landscaping, crop production, and water and air experimentation. The skills and knowledge learned in these courses are also basic for occupations in the many fields allied with agriculture.

Agricultural Science I may be taken for a biological science credit to meet high school graduation requirements. However, students considering 2-4 yr. colleges must complete Biology CTP/Honors to meet college admissions requirements.

Employment Opportunities upon Completion of Course:

Greenhouse Employee
Florist
Nursery Worker
Conservation Specialist
Agribusiness Salesperson

Horticulture Supply Sales
Landscape Gardener
Groundskeeper
Farm Equip Maintenance Assistant
Heavy Equipment Operator

Opportunities through Further Education or Experience:

Greenhouse/Nursery Manager
Agribusiness Manager
Landscape Architect
Soil Conservationist
Forester

Fruit Grower
Agricultural Teacher
Conservation Officer
Farm Equipment Mechanic

Recommended Background:

Related Math/Science Courses, Related Technology Education Courses

Automotive Service Technology Program

Automotive Technology I

Course Number: HS40488
Year Class

CTP
Grades 10-11
2 Credits

Automotive Technology II

Course Number: HS40489
Year Class

CTP
Grades 11-12
4 Credits

Automotive Technology I & II are approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Automotive Technology III *Refer to LRTC Work Based Learning on page 114.

P/F
Grade 12
½ - 4 Credits

This three-year program is designed for both male and female students interested in developing mechanical and technical skills in repairing and servicing automobiles. Both two- and four-cycle engines will be studied to include many applications of these systems in modern automobiles. Safe and proper use of many tools and pieces of equipment found in today's automotive repair shops will be stressed and welding equipment will be introduced.

Second year activities will sharpen and expand the skills acquired in the first year and include introduction to automobile diagnostics and tune-up procedures covering larger internal combustion engines using both gas and diesel fuels. The student will study the major components of today's automobile and gain experience with electrical and electronics systems, steering and suspension, power train, brakes, and related tools and diagnostic equipment.

Employment Opportunities upon Completion of Course:

Entry Level Automotive Technician
Retail Auto Parts Sales
Service Station Attendant

Opportunities through Further Training and Education:

Automotive Dealership Owner
Automotive Service Instructor
Master Technician

Recommended Background:

Metals, Electricity, CAD, Accounting I, Math/Science, Computers

Automotive Technology offers an Early College Option for interested students. More details are available through the office of the LRTC Career Counselor and Student Services Coordinator.

Careers in Education Program

Careers in Education I

Course Number: HS40607
Year Class

CTP
Grades 10-11
2 Credits

Careers in Education II

Course Number: HS40608
Year Class

CTP
Grades 11-12
2 Credits

Prerequisite: Successful completion of Careers in Education I

Careers in Education I & II are approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Careers in Education III *Refer to LRTC Work Based Learning on page 114.

P/F
Grade 12
½ - 4 Credits

The Careers in Education (CIE) program prepares students for a career working with various age children. If you are interested in becoming a preschool teacher, elementary teacher, middle school teacher, or even teaching in a high school, this program will get you started. The curriculum combines classroom work on developmental theories for child development, writing lesson plans, and learning about every aspect that today's educators must know. There is also a hands-on portion of these classes where the students gain valuable experience working with children ages 4 to 12. The LRTC Magic Moments Preschool Program, (a cooperative effort between the Wolfeboro Area Children's Center and the Lakes Region Technology Center), is attached to the CIE classroom, thus giving the CIE students an opportunity to help out there three days a week. The CIE students will also have the opportunity to work with children at the nearby elementary schools.

This course will also focus on topics such as the history of early childhood education, philosophies of education, state laws that apply to schools, and the NH Certification process. Students will learn about the many options and pathways to become a teacher at any certification level in the field of education.

CIE students will serve as assistant teachers in the LRTC Magic Moments Preschool Program, the Wolfeboro Area Children's Center, Carpenter School, and Crescent Lake School. They will learn to develop lesson plans, teach skills, and participate in problem solving issues as they arise in a classroom situation. As students advance through the program, internships are available at these sites, with transportation provided. CIE students participate in the Educators Rising Association, which helps students further develop leadership, professional skills and make connections to future careers and scholarship opportunities.

This program provides invaluable opportunities when considering:

- More companies are developing on-site day care centers
- More states are moving towards full-day kindergartens
- Many states are considering universal preschool programs
- Colleges value students who have explored careers such as CIE, as they are ready to take coursework that is meaningful to the program they are enrolled in

Employment Opportunities upon Completion of Course:

Teacher's Aide

Nanny

Pediatric Assistant

Opportunities through Further Education or Experience:

Elementary School Teacher

Recreation Director

Owner/Day Care Center

Social Worker

Preschool Teacher

Middle/High School Teacher

Recommended Background: Family and Consumer Sciences Courses

Collision Technology Program

Collision Technology I

Course Number: HS40594
Year Class

CTP
Grades 10-11
2 Credits

Collision Technology II

Course Number: HS40595
Year Class

CTP
Grades 11-12
4 credits

Collision Technology I & II are approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Collision Technology III *Refer to LRTC Work Based Learning on page 114.

P/F
Grade 12
½ - 4 Credits

This is a three-year program designed for both male and female students interested in auto body repair and refinishing. The content is based on industry standards and consists of the fundamentals: mechanical/electrical components, nonstructural analysis and damage repair, structural analysis and repair, painting, and refinishing. Work ethic and occupational safety will be emphasized.

Second year activities will further student skills in the state of automotive collision repair. The course will focus on the basics to more advanced techniques to include custom graphics, air brushing, murals, and custom paint work.

Employment Opportunities upon Completion of Course:

Body Shop Technician
Sign Shop
Commercial Lettering Installation

Opportunities through Further Training and Education:

Insurance Adjuster
Custom Graphic Artist
Service Writer/Manager

Recommended Background:

Metals
Electricity
CAD
Accounting I
Math/Science
Computers

Work Based Learning Opportunities are available through the LRTC Career Counselor's Office with recommendation of your CTE Teacher

Computers, Networking, & Cybersecurity Program

Computers, Networking & Cybersecurity I

Course Number: HS40490B
Year Class

CTP/Honors
Grades 10-11
2 Credits

Computers, Networking & Cybersecurity II

Course Number: HS40490C
Year Class

CTP/Honors
Grades 11-12
2 Credits

Computers, Networking & Cybersecurity I & II are approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Computers, Networking & Cybersecurity III *Refer to LRTC Work Based Learning on pg. 112.

P/F
Grade 12
½ - 4 Credits

The Computers, Networking, & Cybersecurity Program is designed for students interested in careers within the IT field. A wide range of topics will be covered including the fundamentals of hardware and software, network switching and routing, endpoint security, network defense, and cyber threat Management. Students will be instructed on the responsibilities of an IT professional while learning a curriculum that aligns with industry-recognized certifications.

Level III is designed to help students pursue individual interests and educational goals related to the area of Information Technology. Students will work on developing “soft skills” as well as technical abilities through an internship with the district IT department or a community partner.

Computers, Networking, & Cybersecurity meets for one 90-minute block per day and is offered as both a College Tech Prep and Honors level course. The curriculum is rigorous and demanding while being rewarding for those individuals interested in computer-related technologies.

Employment Opportunities upon Completion of Course:

Help Desk Technician	Cybersecurity Technician
Network Support Technician	Cybersecurity Specialist
IT Support Specialist	Help Desk Support
Junior Cyber Security Analyst	

Opportunities through Further Education or Experience:

Network Engineer	Network Service Technician
Network Architect	Network Programmer
Information Security Analyst	Systems Administrator
Penetration Tester	Security Engineer

Work Based Learning Opportunities are available by request and with recommendation of your CTE Teacher. Please reach out to the LRTC Career Counselor’s Office for further details.

Construction Trades Technology Program

Construction Trades I

Course Number: HS40480
Year Class

CTP
Grades 10-11
2 Credits

Construction I is not guaranteed to run 2023-24. Please make alternate course selection.

Construction Trades II

Course Number: HS40481B
Year Class

CTP
Grades 11-12
4 Credits

Construction Trades III * Refer to LRTC Level III Work Based Learning on page 114.

P/F
Grade 12
½- 4 Credits

Construction I & II are approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

The Construction Trades Technology Program is designed for the student who wishes to pursue a building construction career. Students are instructed in the safe use of all tools, materials, and their increasing technological advancements. Students are instructed in construction techniques necessary to succeed in the building trades.

Areas of instruction include carpentry, plumbing, residential electricity, heating, cabinet making, masonry and painting. The basic principles of math, blueprint reading, local building codes, cost estimates, building materials and structural design, with a strong emphasis on construction and structural safety are integrated into these instructional areas.

The first year of this program will provide the fundamentals and basic skills in the planning and construction of a residential home, including framing methods, foundation work, insulation, roofing, flooring, and dry wall construction. Instruction in these skills will take place in a laboratory setting.

In the second year, the program instruction will focus on areas such as windows, doors, and interior finish work. Level II students will be able to concentrate on specific areas according to their interests and continue their development in the areas of advanced carpentry and cabinet making techniques.

Employment Opportunities upon Completion of Course:

Apprentice Carpenter	Mason's Assistant
House Painter	Mill Worker
Plumbing and Heating Assistant	

Opportunities through Further Education or Experience:

Master Carpenter	Building Contractor
Master Mason	Apprentice Plumber
Cabinet Maker	Licensed Plumber
Journeyman	Apprentice Mason
Master Electrician	Journeyman Electrician
Heating Apprentice	Heating Contractor

Recommended Background:

Related Industrial Technology Education Courses Accounting I	Related Math/Science Courses
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Culinary Arts/Hospitality Program

Culinary Arts/Hospitality I
Course Number: HS40482A
Year Class

CTP
Grades 10-11
2 Credits

Culinary Arts/Hospitality II
Course Number: HS40483A
Year Class

CTP
Grades 11-12
4 Credits

Culinary Arts I & II are approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Culinary Arts III * Refer to LRTC Level III Work Based Learning on page 114.

P/F
Grade 12
½- 4 Credits

College credit available for qualified students via Dual Enrollment, fee applicable.

The Culinary Arts and Hospitality Program provides the student an opportunity to specialize in the areas of the hospitality industry using The American Hotel & Lodging Educational Institute's (AHLEI) high school curriculum. The Culinary Arts are a primary focus in the areas of commercial food preparation, quantity cooking, purchasing and storage of products, serving, and the various management aspects of the food service industry.

Students will be trained in the use of various kitchen, fast food, and restaurant equipment common to the modern food service trade and become involved in the actual preparation of food, and volume cooking for activities in hospitality such as banquets, luncheons, and special community functions.

Additional topics in the Culinary Arts/Hospitality program include menu development and costing, purchasing, bookkeeping, inventory control, sanitation and safety, and local and state food service regulations and all aspects of guest relations.

A major part of this program will be the students' involvement in the Center's restaurant. This facility will provide an area for students to experience the various functions of a person involved in the food services and hospitality industry.

After two years in Culinary Arts/Hospitality, the student has learned how a restaurant is run from prepping, cooking, and serving food in the dining room. Culinary Arts II will expose students to the management side of the business. Students will be trained to order food such as meats, produce, and dry goods using USDA specifications; manage people in a positive way; manage the Skylight kitchen and direct students in the following of all sanitation and food service rules; manage the Skylight Dining Room; work with the class treasurer to oversee the accounting functions of the business, all additional aspects of the hospitality and food service industry.

Employment Opportunities upon Completion of Course:

Line Cook	Baker	Catering Chef
Sous Chef	Food Purchaser	
Short Order Cook	Dining Room Manager	

Opportunities through Further Training or Education:

Master Chef	Purchasing Agent	Airline Catering
Restaurant Manager	Food Salesperson or Broker	Dietitian
Cruise Line Food Services		

Recommended Background: Food & Nutrition, Accounting I, Math, Science

Graphic Design Program

Graphic Design I

Course Number: HS50155

Year Class

*Prerequisite: Office Software Applications (OSA) and Desktop Publishing or OSA and **presently** taking Desktop Publishing.*

CTP/Honors
Grade 11&12
2 Credits

Graphic Design I is approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

The yearlong course will introduce students to the basic elements of graphic visual communication through lecture, demonstration, and hands-on applications. Students will learn the history of design, principles and practices of graphic design using typographic components. Adobe Illustrator, Adobe InDesign and Adobe Photoshop software are used in exploring visual perception through a variety of creative exercises that include but not limited to, composition, graphic design principles, digital photography, and typography. Students will produce their ideas in print creating multi-page brochures and posters, along with producing a one of a kind yearbook by generating new ideas and concepts and designing distinctive layouts.

Graphic Design II

Course Number: HS50157

Year Class

*Prerequisite: Graphic Design I and are **presently** taking E-Business or Desktop Publishing, if offered.*

CTP/Honors
Grade 12
2 Credits

Graphic Design II is approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Students will continue to develop skills that lay the foundation for basic design, color theory and practical lab application. Students will explore, experiment, and apply proper application of ideas through the design process. Project management, collaboration, peer review, design and redesign, research and communications and essential components are emphasized during the second year.

Adobe InDesign, Adobe Illustrator and Adobe Photoshop software are used in exploring design problems, logo design and designing symbols. Students will produce a one of a kind yearbook by generating new ideas and concepts and designing distinctive layouts.

Employment Opportunities upon Completion of Course:

Graphic Design Assistant

Multimedia Designer Assistant

Social Media Graphic Designer Assistant

Product Designer

Opportunities through Further Training or Education:

Graphic Designer

Print Production

Illustrator

Animator

Desktop Publisher

Marketing Specialist

Web Designer

Visual Design Director

Advertising

Freelance Designer

Production Manager

Required Background

Office Software Applications

Desktop Publishing

E-Business I

Health Science Technology Program

Health Science Technology I

Course Number: HS40484
Year Class

CTP/Honors
Grades 10-11
2 Credits

Health Science Technology II

Course Number: HS40485A
Year Class

CTP/Honors
Grades 11-12
2 Credits

Health Science Technology I & II are approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Health Science III * Refer to LRTC Level III Work Based Learning on page 114.

P//F
Grade 12
½- 4 Credits

College credit available for qualified students via Early College Enrollment, fees applicable.

This program explores the vast career opportunities and career pathways within the Health Science field. First-year students will be introduced to Anatomy & Physiology, Basic Medical Terminology, and Pathophysiology. They will learn about healthcare facilities and their role as health care workers including infection control, workplace safety, and the role of government agencies in current healthcare systems. Students are introduced to various basic skills inherent to many healthcare fields with a focus on developing critical thinking, professional and legal responsibilities, business education with emphasis on learning medical terminology.

Students enrolled in the Health Science Technology II course will continue to learn medical terminology, and various skills relative to health services, and health sciences. Additionally, students will continue to further their business and soft skills preparing them for a career as a healthcare professional. They will have the opportunity to observe various positions in the healthcare field and may be able to practice skills if trained to do so. Students will continue to work on their portfolios documenting their vocational skills/experiences. **The second-year student has the opportunity to complete a Nursing Assistant, Emergency Medical Technician, or Allied Health option which prepares them for licensing or certification. The nursing assistant program offers state testing at the completion of the program.**

The honors student in the Health Science Technology program will expand their knowledge through research. Students will work on in-depth medical research and present their work to the class. Each student will also be expected to research current medical events. The honors student will be expected to apply the current lesson plans to different scenarios for testing and application in the healthcare environment.

Employment Opportunities upon Completion of the Course Include:

EMT (Certification Required) Nursing Assistant (Certification Required by Board of Nursing)
Veterinarian's Office Aide Dental Office Aide, Dietary Aide

Opportunities for Further Training or Education:

Dental Hygienist	Registered Nurse	Athletic Trainer
Dental Assistant	Surgical Technician	Chiropractor
Physical Therapy Assistant	Licensed Practical Nurse	Massage Therapist
Medical Records Assistant	Dentist	Nurse Practitioner
Sports Medicine	Physician's Assistant	Physical Therapist
Occupational Therapy Assistant	Psychologist	Speech Therapist
Occupational Therapist	Registered Dietician	Veterinarian, Paramedic

Health Science Technology I may be taken for the third science credit required for graduation from Kingswood Regional High School. Health Science Technology I & II also satisfy the health requirement for graduation from Kingswood Regional High School.

Health Science II: Emergency Medical Technician Option

Emergency Medical Technician

Course Number: HS40700

Year Class

Honors

Grades 11-12

2 Credits

Prerequisites: It is highly recommended that students who choose to take this course have successfully completed a CTP, Honors or AP level Biology course and/or have the approval of the instructor.

Registration: Students are required to take Health Science Technology II while enrolled in this course.

Due to age restrictions with becoming certified as an EMT, students taking this course must be 18 years of age during the course or turning 18 with 12 months of course completion.

This course is not offered every school year.

Emergency Medical Technician is approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

The Emergency Medical Technician (EMT) program is designed to train the student in emergency medical care in the pre-hospital environment. It is the entry level training in the Emergency Medical Services Field. The program follows the current Department of Transportation EMT curriculum. The program instructs students in medical practices available to prehospital personnel, precise patient assessment and management of trauma, medical emergencies, and pharmacological interventions. This program will develop the student's confidence, knowledge, and skills in performing critical assessments and management of patients with medical trauma related to life threats. The focus of this course is on the development of the EMT's critical role as a team member during patient crisis interventions.

Time and activities outside of the classroom will be required as part of this course. Additional related costs may be incurred in the form of uniforms/clothing/supplies for field internships.

Students will be required to complete both the cognitive and psychomotor exams for EMT certification as part of this course.

Health Science II: Nurse Assisting Option

Nurse Assisting

Course Number: HS40701

Year Class

CTP/Honors

Grades 11-12

2 Credits

Prerequisite: Health Science Technology I.

Registration: Students are required to take Health Science Technology II while enrolled in this course.

College credits are available for qualified students via Dual Enrollment, fees applicable.

The NH Board of Nursing approved Nursing Assistant (NA) program at LRTC consists of a minimum of 46 hours of classroom theory and 60 hours of clinical for a total of 106 hours of coursework. The theory portion is delivered in the classroom. The clinical is arranged at a local health care facility. After successfully completing the NA program, students are eligible to complete the NH Board of Nursing approved written and clinical competency testing and may apply for a NH Nursing Assistant license. A background check/fingerprinting is required to obtain a Nursing Assistant License. The LRTC offers NH state competency testing for qualified candidates at the end of the course.

Nursing assistant students enrolled in the course will:

- provide safe nursing-related activities under the supervision of a licensed nurse
- describe the role of the nursing assistant within the health care system, and the qualities required for successful integration into the workforce
- identify ethical and legal issues of the nursing assistant when caring for clients
- exhibit behaviors that support clients' rights to privacy
- assist clients to attain and maintain functional independence in the health care facility or at home
- demonstrate various communication skills that will:
 - enhance relationships with patients and other health care team members
 - promote accuracy
 - protect confidentiality concerning clients' health, safety, welfare, physical and mental conditions, and general well-being
- demonstrate the concepts of safety and infection control
- list and identify medical terms and abbreviations necessary for the assistant to communicate with nurses and staff verbally and in charting
- demonstrate understanding of the clients' emotional, social, and physical health needs through skillful, direct nursing related activities

The honors student in the Nurse Assisting program will expand their knowledge through research. Students will work on in-depth medical research and present research to the class. Each student will also be expected to research current medical events. The honors student will be expected to apply the existing lesson plans to different scenarios for testing and application in the healthcare environment.

NOTE: Before participating in the clinical experience, students will incur costs relating to their healthcare records, required uniforms, and background checks, drug testing, and licensing fees. Student cost in previous years has totaled approximately \$300.00. Several vaccinations are required for participation in the program, including a current flu shot and COVID 19 vaccine. Other requirements may be necessary to participate per individual health care facility guidelines.

Please note: all vaccinations must be up to date to participate in the Nurse Assisting program. ***There is NOT an option to claim religious exemption per health care facility guidelines.*** Students who are ***not currently vaccinated*** are required to meet with their counselor **PRIOR** to registering for this course.

Employment Opportunities upon Completion of the Course Include:

Licensed Nursing Assistant (Licensing Required by the Board of Nursing)
Home Health Aid (Licensing Required)
Health Unit Coordinator

Opportunities for Further Training or Education:

Medication Nurse Assistant (MNA)	Occupational Therapy Assistant
Licensed Practical Nurse	Physical Therapy Assistant
Registered Nurse	Electrocardiogram Technician

Marine Technology (Preview of Program)

This program is anticipated to run for the 2025-26 school year.

Marine Technology: This program will begin in Level I with a high school course elective Small Engines & Basic Machines. Upon successful completion of this course students will have the opportunity to continue in the Marine Technology Pathway which will follow a program of study outlined by the **American Boat & Yacht Council (ABYC)** There are many pathways to consider for course completion. One pathway to consider within the program is the opportunity to continue in a concurrent/Early College program within a local Community College that offers Marine Technology i.e.: Lakes Region Community College or they may be enrolled in Work Based Learning Opportunity upon completion of their CTE Program as an intern, apprentice etc. with local community partners such as Goodhue Boat Company, Wolfeboro NH. Upon completion of the program, students may have earned a high school diploma with Industry Recognized Credentials, (IRC's), an associate degree or further education. The Marine Technology Program will enable students to earn while they learn and complete a Career and Technical Education Program while in high school.

Small Engines 1CR (Prerequisite to Marine I anticipated in 2025-26)

Course Number: HS40428A

Semester Class

*Prerequisite: **Must be a KRHS student.***

CTP

Grades 9-12

1 Credit

This course is designed to teach students the fundamental operation of small engines as well as the principal operation of basic machines and hydraulics. Lessons include discussions from how the steam engine's power was used to drive industrial equipment, to how two and four stroke, internal combustion, gasoline engines are used in everyday life as we know it today. Students will work on shop engines to better understand the mechanical principles, and the systems of compression, lubrication, ignition, and carburation. **Small gasoline engine preventive maintenance, troubleshooting and repair continue to be an important part of this course.** Basic machines, mechanical functions, and hydraulic principles will be explored in this introductory course. Students will, through engagement in hands on projects, learn how machines can be used to facilitate industrial processes. Current information on the development of Solar Cells & Fuel Cells will also be discussed. This course serves as a foundation for exploring the opportunities for future employment in the automotive service technology field, small engines repair, marine and recreational vehicles.

Marketing Education Program

Marketing Education I

Course Number: HS40486

Year Class

CTP

Grades 10-12

2 Credits

The completion of this class fulfills the Economics credit requirement for graduation.

Marketing Education II

Course Number: HS40487

Year Class

Prerequisite: Marketing Education I

CTP/Honors

Grades 11-12

2 Credits

Marketing I & II are approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Marketing II: Social Media Marketing Management Option

Course Number: HS40571

Year Class

Prerequisite: Marketing Education I and presently taking Marketing II

CTP/Honors

Grades 11-12

2 Credits

Marketing Education III *Refer to LRTC Work Based Learning on page 114.

P/F

Grades 12

½- 4 Credits

College credit available for qualified students via Early College, fee applicable.

The successful completion of this class may result in a nationally recognized certificate.

Marketing Education I - Includes a wide variety of career preparation activities. It is designed to provide the basic skills and knowledge required for job placement in one or more of the marketing functions. These marketing functions include ethics, marketing research, analyzing commercials, social responsibility, targeting and segmentation, consumer behavior, positioning, branding, 4 P's, intro to social media marketing, buying, selling, storing, transporting, financing, merchandising, visual display, pricing, and customer service as performed by managers and employees of various retail, wholesale, and service businesses.

Students will acquire skills and knowledge of these functions through classroom instruction, group and individual projects, the operation of "Lab-Business" and DECA - "An Association of Marketing Students". All students are required to demonstrate skills attainment through effective and efficient participation in "The Pro Depot", the school store. Students are invited to join DECA, an organization of emerging leaders and entrepreneurs who are studying marketing, finance, hospitality, and management. This organization provides numerous leadership, networking, and professional development opportunities for student members.

Marketing Education II - In the Pro Depot, students will demonstrate what they have learned by making business decisions on products and promotions based on market research as well as demonstrating management skills and basic business operations needed to run a successful establishment. Students will also work on a business plan of their own. Students will continue to expand their knowledge of promotion, planning, soft skills, inventory control, and buying and selling products. Students take on management and supervision roles. Students are invited to join DECA, an organization of emerging leaders and entrepreneurs who are studying marketing, finance, hospitality, and management. This organization provides numerous leadership, networking, and professional development opportunities for student members.

Social Media Marketing Management Option students will continue to learn retail store operation, but at the management level, where supervisory skills will be a major focus. Management of Pro Depot is a key fundamental. Students will learn supervision, selling merchandising, and advertising techniques, as well as business planning, store location, layout, and organization. Students will study all social media marketing platforms throughout the school year. Students will use various social media platforms and their tools & techniques, and aim to become accomplished social media marketers, using effective, proven methodologies. Students will use analytics to analyze the economy and its relation to social media. Some social media platforms that will be studied are Facebook, Instagram, Tik-Tok, You Tube, Twitter, LinkedIn, Pinterest, and Snapchat. Students will have the opportunity to become certified nationally in social media marketing. Students will maintain our Pro Depot Instagram and Facebook accounts as well as manage the analytics of the Pro Depot. Students are invited to join DECA, an organization of emerging leaders and entrepreneurs who are studying marketing, finance, hospitality, and management. This organization provides numerous leadership, networking, and professional development opportunities for student members.

Employment Opportunities upon Completion of Course(s):

Sales Associate	Buyer's Assistant	Merchandising Assistant
Stock Clerk	Display Assistant	Head Cashier
Customer Service Clerk	Advertising Assistant	Shift Supervisor
Social Media and Marketing Planner	Shipping Clerk	

Opportunities through Further Education or Experience:

Store Manager	Insurance Agent	Entrepreneur
Wholesale Broker	Sales Manager	Content Manager
Social Media Specialist	Digital Media Supervisor	Engagement Coordinator
Social Media Analyst	Online Community Manager	
Public Relations Manager	Brand Manager	
Digital Marketing Manager	Brand Advocate	
Social Media Strategist	Social Media Influencer	
Online Communication Director	Social Media Marketing Manager	

Recommended Background:

Office Software Apps	Freshman Math	Art
Freshman English	Psychology	Accounting I

Multimedia Communications Program

Multi-Media I

Course Number: HS40442A
Year Class

CTP
Grades 10-12
1 Credits

Multi-Media II

Course Number: HS40443A
Year Class

CTP
Grades 11-12
2 Credits

Multi-Media I & II are approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Multi-Media III *Refer to LRTC Work Based Learning on page 114.

P/F
Grades 12
½-3½ Credits

College credit available for qualified students via Early College, fee applicable.

Multi-Media I – Are you interested in a career in television broadcasting or think it just might be fun to be on television? Do you love “the movies” or television, and have an interest in learning more about how they’re made? Are you interested in producing movies or a television program of your own? This course will take you through the ins and outs of being a news anchor, reporter, director, writer, producer, and editor for live television broadcasting. It will also cover elements of script writing, shooting movies with HD equipment, editing it, and submitting your work to film festivals, and screening it on Knight Watch. Students who take this year long course will produce the daily broadcast of a live news show out of the LRTC television studios five days a week. Students will gather news, create scripts, prepare graphics, produce video stories, and then perform the daily broadcast live on channel 26. In addition, students will then take these skills and apply them to producing other television shows of their choosing. In addition, students will write and produce films for film festivals and other screenings.

Multi-Media II – This course is offered as a second level for Multi-Media I. Students in this year-long course have the opportunity to write their own independent study involving one or both of the disciplines.

Opportunities through Further Education or Experience:

TV News Production
Telecommunications Production
Corporate Training & Marketing
Media Specialist
Journalism
Video & Film Making/Production

News Reporting & Anchoring
Radio Broadcasting
Video Production
Communications Technician
Communications Arts & Sciences

Recommended Background:

Computer Literacy
Creative Writing

Office Software Apps
Journalism

Precision Manufacturing Program

Precision Manufacturing I

Course Number: HS40580

Year Class

CTP/Honors

Grade 10-11

2 credits

Precision Manufacturing Technology I (Precision Machining) is the first level of a program that teaches the basics of manual and computer machining of metal products. During the first half of the semester, students will concentrate on the basics of precision manual machine operations that make close fitting items that work together. This will be achieved by learning about machine shop safety, machining processes, blueprint reading, inspection techniques, applied math in the shop, and the materials used in the precision machining industry. The second half of the semester will involve learning advanced manual machine processes and will be used to introduce the technology of Computer Assisted Drafting and Machining (CAD/CAM) and the set up and operation of highly advanced Computer Numerical Control (CNC) machines. During the first year, most of the lab projects are assigned by the instructor to build common skills expected by machine tool employers and post-secondary schools who train both machinists and engineers. Instruction is done primarily through hands-on experience and computer application software, but classroom instruction will be used where applicable. Shop safety and safety around power machines is emphasized throughout the course.

Course Specific Competencies

- Utilize measuring instruments to measure to .001inch accuracy.
- List the logical processes to make a machined item on mills, lathes, and grinders.
- Perform basic and applied machining math calculations.
- Interpret an orthographic projection technical drawing to make a finished machine part.

Precision Manufacturing II

Course Number: HS40581

Year class

CTP/Honors

Grade 11-12

2 credits

Prerequisite: Precision Manufacturing Tech I

Precision Manufacturing Technology II is the second level of a program that emphasizes Computer Assisted Drafting and Machining (CAD/CAM) applications for high end CNC and manual machine project design and production. Students will learn and apply advanced machining skills, quality assurance, applied math, metals and composite materials, blueprint reading, and engineering basics. The students will be taught this in a “real world” shop environment where learning is primarily hands-on. For the first half of the year, learning will be done using instructor assigned projects to build upon common skills. The second half of the year will involve field trips to teach job skills and job expectations and will also involve students participating in a capstone second level project. The capstone project will be a self-designed product that showcases all the skills the students has learned throughout both levels of the course. Students are encouraged to participate in the Skills USA competition to earn a place to compete against other students from all the machining programs throughout the state to determine the “Best Student Machinist in New Hampshire.” Students who desire National Certifications in machining through the National Institute of Metalworking Skills may seek certification after they have successfully completed the necessary course requirements.

Course Specific Competencies

- Develop/acquire basic CNC machine use, offset setting, programming skills and CAD/CAM skills.
- List and perform advanced machine tool logical process operations on a lathe, milling machine, and surface grinder; independently perform advanced and applied machining math calculations.

Precision Manufacturing Tech I & II are approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Precision Manufacturing III *Refer to LRTC Level III Work Based Learning on page 114.

P/F

Grade 12

½ - 4 Credits

Recommended Background

Computer Aided Design/Drafting (CAD)

Metal Working Technology I/II

Theater Stagecraft Program

Theater Stagecraft I

Course Number: HS40447
Year Class

CTP
Grade 10-12
2 Credits

Theater Stagecraft II

Course Number: HS40448
Year Class

CTP
Grade 10-12
2 Credits

Theater Stagecraft I & II are approved to meet the senior year math content course requirement. Please refer to page 24 for more details.

Theater Stagecraft I –Are you interested in theater, but maybe not appearing on stage? Or maybe you're interested in learning more about creating theater and stage performance? This year-long course covers all the backstage elements needed to produce a play, musical, concert or other live stage event. Students in this class have the opportunity to gain expertise in four major aspects of technical theater: lighting, sound, set design, and costuming. All these areas require imagination in their design, and mastery of electronic and hand tools to be successful. Students will be expected, as part of the class, to take part in some after school events, some of them as a paid employee. Events include plays, musicals, concerts, and other events in the Kingswood Arts Center and around town. Students will be certified as a technician and DJ for the Kingswood Arts Center and DJ club and will be eligible to work as a paid technician or DJ for local events.

Theater Stagecraft II –This course is offered as a second level for students who have completed Theater Stagecraft I or a year of Costuming, Set Building, and/or Lights and Sound. Students in this year-long course will have the opportunity to write their own independent study involving one or all of the disciplines from those three courses.

Employment Opportunities upon Completion of Course:

Theater Set Construction
Theater Lighting & Sound Technician
Costumer

Dance DJs
Actor

Opportunities through Further Education or Experience:

Costume Design and Construction
Lighting and Sound Design

Set Design and Construction
Acting

Recommended Background:

Construction Trades or Woodworking
Textiles



LRTC Work Based Learning: (Level III)

Students who have completed the Level I & II course sections of their LRTC Technology program may be eligible to apply for Work Based Learning (Level III).

During the final semester of their level II course, Program Instructors will determine student eligibility based on student performance in Level II, demonstrated ability to work independently, student's career goals, and academic performance. Students must also submit a resume and meet with the Work Based Learning Coordinator prior to acceptance into the program.

The Work Based Learning process is primarily student-interest driven and is designed to afford the student real world experience in their area of interest. It is supported by assistance from the Work Based Learning Coordinator, the Program Instructor, and potential community/business partner.

Work Based Learning students are expected to maintain a weekly reflection log, create a Career Portfolio, and prepare a final presentation of their Work Based Learning experience to be given to their Coordinator and the Program Instructor.

Please note: Work Based Learning (Level III) courses are not approved math-content courses.

Programs currently offering Work Based Learning (Level III)

Pass/Fail
Grade: 12
Credits: ½ - 4

- LRTC Agricultural Science Work Based Learning
- LRTC Automotive Technology Work Based Learning
- LRTC Careers in Education Work Based Learning
- LRTC Collision Technology Work Based Learning
- LRTC Computers, Networking & Cybersecurity Work Based Learning
- LRTC Construction Trades Work Based Learning
- LRTC Culinary Arts/Hospitality Work Based Learning
- LRTC Health Science Work Based Learning
- LRTC Marketing Work Based Learning
- LRTC Multimedia Work Based Learning
- LRTC Precision Machine Work Based Learning

KRHS Student Graduation/College Entrance Planner

KRHS Student Graduation/College Entrance Planner

Directions: Circle the course that you have successfully completed, and add/highlight the courses that you plan to take for the coming year in order to achieve your post-high school goals.

KRHS Requirements	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English (4)	English 9	English 10	English 11	English 12
Math (4*)				
Social Studies (3.5**)	World History	American Gov/Econ USCIS Exam	US History	
Science (3)	Physical Science	Biology		
PE (1)				
Visual or Performing Art (.5)				
Computer Ed (.5)				
Health (.5)		Health & Wellness		
Electives (9)				

*Math: Each student must have a specific math department course 9th through 11th Grade, and 12th Grade a math course or math content course approved in the Program of Studies (example: Chemistry, Physics, Accounting, etc.) **As of the KRHS Class of 2024. All students seeking a HS diploma in the State of NH are also required to pass the NH United States Citizenship and Immigration Services (USCIS) examination with a grade of no less than 70%.

Minimum College Entrance Course Requirements			
Core Subject Area	KRHS Required	2 Year College Required (CTP or H)	4 Year "Average" College Required (CTP or H)
English	4 years	4 years	4 years
Math	4 years*	3 years	3+years
Science	3 years	3 years	3+ years
Social Studies	3.5 years	3 years	3+years
World Language	Not Required	Not Required	2+ years
			4 Year "Most Demanding" College Required (H or AP)
			4 years
			4+ years
			4+ years
			3+ years