

## INTRODUCTION

Welcome, selecting a course of study for the coming school year is a personal and important process. Students should select courses carefully and consult parents, teachers and guidance personnel. Choosing a challenging program will offer students greater opportunities upon graduation from Caribou High School.

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## **Our Vision...**

We envision Caribou graduates as individuals who take pride in their work, adapt positively to change, and demonstrate sound judgment. They take an interest in civic affairs, respect the interdependence of humankind, and acknowledge the importance of a healthy global environment.

Caribou graduates demonstrate a proficiency in a common core of knowledge. As comprehensive thinkers, they approach learning eagerly and solve problems using a variety of acquired skills. They are able to communicate effectively as writers, speakers, and listeners.

Our graduates also seek a balance in their personal, professional and intellectual lives. Above all, they are lifelong learners who can apply essential knowledge in an ever-changing world.

## **Mission Statement**

Caribou High School is committed to creating a safe learning environment where students can pursue a rigorous, personalized and equitable course of studies. The atmosphere at Caribou High School fosters self-esteem, values diversity and promotes life long learning. Guided by the Maine Learning Results, the staff holds high expectations for all students and encourages them to reach their full potential.

## **Expectations**

### **Academic**

1. Speaks effectively
2. Writes effectively
3. Reads with comprehension
4. Uses technology effectively
5. Uses critical thinking skills
6. Uses problem solving skills
7. Demonstrates mastery of the Learning Results

### **Social**

1. Accepts responsibility and consequences for personal decisions and actions
2. Demonstrates an awareness and sensitivity for differences and similarities among people in our diverse society
3. Demonstrates a maturing work ethic
4. Makes informed decisions concerning personal health and safety
5. Demonstrates positive conflict resolution skills
6. Interacts positively and cooperatively with others
7. Realizes the impact of human actions on the natural environment

### **Civic**

1. Performs community service
2. Exhibits civic responsibility

## ACADEMIC RESPONSIBILITY

	Speaks effectively	Writes effectively	Reads with Comprehension	Uses Technology effectively	Uses Critical Thinking Skills	Uses Problem Solving Skills	Demonstrates Mastery Learning Results
English	P	P	P	S	P		P
Math		S	S	P	S	P	P
Science		S	S	P	S	P	P
Social Studies		P	P		P		P
Modern/Classical Languages	P	P	P	S	S		P
Visual/Performing Arts	S	S	S	S	S		P
Health/Physical Education		S	S	S	S		P
Computer Information Processing		S	S	P	S		
Family/Consumer Science				S	S	S	S

P = Primary Responsibility: The department is expected to teach and assess the skill.

S = Secondary Responsibility: The department will reinforce the skill.

## GRADUATION REQUIREMENTS

Students have four diploma options at Caribou High School. In order to graduate a minimum of 20 Credits must be earned in the following areas:

English	4 Credits
Mathematics	3 Credits
Science	3 courses *
Social Studies	3 Credits (Global Studies, American Studies I & II)
Fine Arts	1 Credit
Physical Ed.	1 Credit
Health	1 Credit
Computer Technology	½ Credit or proficiency
Community Service	½ Credit (60 hours)
Electives	3 Credits
Total	20 Credits

\* Exception for specific vocational programs

An Adult Education or college class in English may be requested for junior/senior students who need a fourth (4<sup>th</sup>) English.

### LOCAL ASSESSMENT REQUIREMENT

To graduate, students must successfully meet the standards as determined by the district's comprehensive local assessment. All assessments are tied to courses or course sequences and occur as part of the course expectations. While the majority of assessments are developed and administered by individual classroom teachers, common assessments are administered and graded.

There is no BIG TEST that determines graduation. Maine law is very clear that graduation cannot be tied to one score on one assessment. Caribou High School faculty will provide feedback to students and parents on progress towards meeting the district standards. The process of meeting standards is ongoing and continues throughout the student's high school career.

**Maine Learning Results can be located on the web at:  
<http://www.state.me.us/education/lres>**

At Caribou High School, students will earn Credits toward graduation. They will have the opportunity to demonstrate mastery of the content standards of the Maine Learning Results through a variety of classroom, school, and state assessments. Students are guaranteed multiple methods of assessment and multiple opportunities to demonstrate mastery. At Caribou High School, we will make every effort to ensure that all of our students have the academic preparation and appropriate instruction to achieve success.

- **In order to graduate, students must complete 20 Credits and meet the standards in the district's comprehensive local assessments.**
- **Students must complete (3) Credits in Math and Science. Students who enroll in a two year applied technology program will have the third year science Credit met provided they take 3 periods of one of the following vocational programs for 2 years:** Automotive Technology, Auto Body Repair, Welding/Metal Fabrication, Residential Construction, Large Equipment Operations and Maintenance, and Commercial Drivers License.

# Graduation Requirements vs. College Requirements

The graduation requirements listed in this guide have the minimum needed to earn a Caribou High School diploma. Students and parents should be aware that college entrance requirements may differ and that extra classes may be needed. For example, the University of Maine system requires two years of a foreign language (same language) while currently Caribou High School does not have a foreign language requirement. However, some colleges require more than two years of a foreign language as an entrance requirement. Colby and Bates Colleges each require three years of a foreign language while Bowdoin recommends four years of a foreign language. Requirements may vary even within the same college. A student applying to Southern Maine Community College will need to take College Prep Physics and Algebra II for a major in Respiratory Therapy while a student interested in a Culinary Arts major only needs Algebra I. Therefore it is critically important for parents and students to communicate with each other and with a guidance counselor whenever the student indicates a career path that involves college plans. The counselors can look up the information or consult with an admissions counselor to make sure the Caribou student is taking the classes needed for a particular major.

## **POLICIES, PROCEDURES, AND PRACTICES**

### **Academic Integrity**

All members of the Caribou High School learning community are expected to exhibit honesty and integrity at all times. Academic work submitted by a student must be original. Copying or allowing other students to copy outside class work; plagiarism of other people's words or ideas, including failure to cite written, electronic, or verbal sources; fabrication of information or citation in an academic exercise; cheating on exams; or the theft, distributions, or unauthorized use of testing materials will not be tolerated.

### **Definitions**

**Cheating:** *Intentionally using or attempting to use study aids, notes, or information in any academic exercise.*

- A. looking on someone's paper or using a "cheat sheet" while taking a test allowing someone to copy answers while taking a test
- B. giving test information/answers to students in other sections of the same class
- C. turning in a paper that you bought from a service or received from some other source
- D. submitting the same work to more than one other teacher without the teacher's permission
- E. using memory calculators (without teacher permission), cell phones, or other electronic devices while taking a test

**Plagiarism:** *Intentionally or knowingly representing the words or ideas of another as one's own in any academic exercise.*

- A. quoting a source and failing to provide proper citation putting a source's text into one's own words (paraphrasing) and not citing the source
- B. copying someone else's computer disc for a project, class work, or assignment and submitting it as one's own
- C. cutting and pasting sections of source information without citations

**Fabrication:** *Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.*

- A. making up data on a lab assignment
- B. making up a source to use as a citation for a paper
- C. making up the content of a research project/paper
- D. changing answers and grades on tests/papers/projects and resubmitting them to the teacher

### **Add/Drop**

Add/drop period ends 10 days upon the beginning of the first semester and ends 5 days upon the beginning of the second semester. A class dropped after add/drop period will result in a grade of 60. This request must obtain parental and administrative permission. Dropping a class with a 60 will affect extra-curricular eligibility.

### **Advance Placement**

Students interested in taking advance placement courses should discuss this option with the guidance department.

## **Affirmative Action Policy Statement**

Caribou High School recognizes the dignity of the individual student and employee to work, learn and live in an environment, which is free of discrimination and harassment on the basis of sex, race, national origin, sexual orientation, age, religion, marital status, or handicap. Caribou High School assures compliance with all federal and state laws, rules and regulations regarding civil and human rights. For more information about any of these programs, call the high school at 493-4260 or see your guidance counselor.

## **Alternative Education**

Students who wish to explore an optional high school setting may request an application for acceptance to attend the Learning Center Program. This program offers small class settings and small group instruction. A Caribou High School diploma will be granted upon completion of required coursework.

## **Articulation Agreement**

### ***Math Credit Agreement***

Caribou High School has signed an articulation agreement with Northern Maine Community College in Presque Isle. Under this agreement, students who successfully complete a checklist of topics will be given college Credit for Intermediate Algebra, which is a course offered at NMCC. Students who are interested in this should inform their teacher, either in Algebra I or Geometry, near the beginning of the course. See a guidance counselor or a math teacher for more information. This articulation agreement also applies to Washington County Community College.

## **Clubs & Organizations**

Caribou High School offers a wide variety of clubs, organizations, and athletic teams. These activities provide students with an opportunity to learn outside of the classroom, develop leadership skills, make friends, and have fun. Students are encouraged to get involved in as many activities as possible to enhance their high school experience. Eligibility standards are required for Participation.

Alpine Skiing	Boys JV Baseball
Boys J.V. Baseball	Boys Varsity Baseball
Chess Club	Civil Rights Team
Class Officers	Girls, Boys V Nordic Skiing
DECA	Drama Club
FFA	French Club
Varsity Cheerleader	Guidance/Office Helpers
Girls J.V. Softball	Girls, V Softball
Girls, Boys JV Cross Country	Girls, Boys V Cross Country
Girls, Boys J.V. Basketball	Girls, Boys V. Basketball
Girls, Boys J.V. Soccer	Girls, Boys V. Soccer
Girls, Boys JV Track	Girls, Boys V Track
Girls, Boys Tennis	Golf
Homeroom Representatives	Intramural Volleyball
Jazz Band	Jazz Choir
Junior Exhibition	Key Club

Maine Ed. Talent Search  
National Honor Society  
SkillsUSA  
Upward Bound  
Yearbook

Math Team  
School Newspaper  
Student Council  
Wrestling

### **Community Service Requirement**

High school community service can be a valuable resource to the city and can help to develop many positive qualities in our youth. Community service programs not only facilitate citizenship education, but experience has shown that community service increases student self esteem, builds academic and leadership skills, and contributes to career education.

Every student at CHS will provide 15 hours of community service per year. Upon completion of 60 hours of documented service, 1/2 Credit will be awarded.

Each student will complete a community service form and obtain parent and homeroom adviser approval **prior** to actual work. A form will be signed by the supervisor of the project and will be collected by the homeroom advisor.

Service must be performed for a non-profit organization or other individuals for "no pay". Community Service is not awarded for work done in your own home, baby sitting, or for relatives. Examples include but are not restricted to working for:

Library	Little League
City Government	Big Brother / Big Sister
Chamber of Commerce	Substance Abuse Program
Recreation Department	United Way
Veterans' Home	Salvation Army
Church	Red Cross
Snowmobile Club	Food Kitchen
Political Organizations	Service Clubs
Hospital	Schools (tutoring, reading to elementary students, class projects, etc.)

Students may complete the 60 hours in one year, but 15 hours per year is recommended. Requests for exclusion from this requirement for medical or personal reasons must be submitted in writing to the principal. We are very proud of our students and are convinced that they can make a significant contribution to the City of Caribou. We also hope that the experience will be educational and enjoyable for the students.

### **Course Listings**

Courses listed may be subject to change due to a variety of reasons. The Guidance department will inform students as necessary.

### **Course Load**

Students enrolled in the regular school program must carry a scholastic load of five periods or more.

### **Course Selection**

Course selection will be offered to upper classmen first.

## **Early Post Secondary Matriculation**

An early graduation experience is offered and supported with the compliance of the policy.

## **Summer School Year Programs**

### **Grade 9 -12**

Students may attend a four-week Summer School Program to make up Credit for a failed course or to make up ½ Credit for an elective course provided the grade received for the course is not lower than a 55. In order for students to earn Credit for courses, they must successfully complete all standards/course requirements. Students successfully completing a Summer School course will obtain a grade of 70 on their transcripts. Standards/course requirements not completed at the conclusion of an extended school year will receive a failing grade for the course.

## **SUMMER SCHOOL**

### **COURSE OFFERINGS**

#### **REMEDIATION**

**(1 CREDIT)**

English

Math

Science

Social Studies

**(1/2 CREDIT)**

Computer Technology

Health

Physical Education

Fine Arts

Summer courses are only offered if certified instructors can be hired.

(Additions can be made to those course offerings on a yearly basis. Please contact the Summer School Coordinator in May.)

## **Gifted & Talented Program**

G&T services are offered to identified students. The G&T coordinator will meet with parents and student to develop a learning plan.

Beth Alden – [balden@mail.caribouschools.org](mailto:balden@mail.caribouschools.org), Director of Gifted & Talented

## **Grade Promotion**

Grade 9 4 Credits – one of which must be English to move to grade 10

Grade 10 9 Credits – two of which must be English to move to grade 11

Grade 11 14 Credits – three of which must be English to move to grade 12

## **Guidance Services**

The Guidance Department at Caribou High School exists as a supportive service to the learning process. The services provided focus on helping students concentrate on learning. By helping students develop their emotional, social and career well being, students will better understand themselves.

The aspect of education, being a life-long process, is of paramount importance to the function of the Caribou Guidance Department. The link between learning at the high school level and the connection to career and personal fulfillment extends well beyond graduation. Therefore, as important as providing accurate career and educational information is to students, of even greater significance is

developing in students the ability to successfully negotiate the maze of technology and information in the future.

The Caribou Guidance Department offers many services to assist students in their journey of self-discovery. These services include:

1. Academic advising, including course selection and scheduling.
2. Individual short-term counseling regarding personal problems or concerns.
3. Group counseling issues of teen concern may include substance abuse, teen suicide, filling out college applications and other pertinent issues.
4. Information about careers and post-secondary education.
5. Administration of testing program. Tests administered at Caribou High School include the NWEA, PSAT, SAT, Advanced Placement Tests and interest inventories.
6. Information about financial aid and scholarships
7. Provide information concerning a student's records. This includes accurate record keeping of grades, test scores, attendance and Credits.

Students are encouraged to seek out their guidance counselor when in need of assistance with an academic or personal problem. Information shared with a guidance counselor is confidential. The counselor must not abridge this confidentiality. The exception would be when there is clear and present danger to the student and/or other persons. Students are encouraged to schedule appointments with the counselor for times that do not interfere with classes. These times include study halls, lunch periods, before and after school. The Guidance Department is open from 8:00 a.m. - 3:30 p.m.

### **Incomplete Work**

Students who have not completed coursework in a quarter ranking period due to extenuating circumstances may have an extend time of two weeks after grades close. Students will receive the quarter grade earned on the report card with the understanding that when outstanding work is completed the grade will be changed. Students who do not have work submitted by the end of two weeks will receive a grade of zero, which will be averaged in to the existing grade.

### **CHS Library**

The Caribou High School Library provides both on-line and in-house materials, which support and enhance the school's curriculum. The library opens at 7:30 and closes at 3:30 every weekday except Friday, when it closes at 3:00 pm.

The library environment allows for individual research, leisure reading, class projects, and computer applications. Reading is always strongly encouraged and we provide many recommended reading lists including our own RAP (Reading Award Winning Picks) list. Our Young Adult Fiction is excellent and up-to-date. In partnership with the Caribou Public Library, we sponsor a student book group that meets once a month during lunch to read and discuss literature.

The library welcomes memorial and tribute gifts. A legacy gift of a book is the perfect way to celebrate a student's graduation or birthday. Recipients are notified of your gift and a bookplate is placed in the book. Unrestricted gifts allow the library to support the collection's greatest needs, but patrons may designate a specific title, genre, or subject.

Many on-line resources are available to our students through the CHS Library Website at [www.caribouschools.org/secondary/chs/library/homepage.html](http://www.caribouschools.org/secondary/chs/library/homepage.html). Current research projects are posted on-line so that students can access and work on their assignments from home or school. Some databases, including SIRS Researcher, United Streaming, NoodleTools, Culture Grams, and Teen Health and Wellness are password protected and can be accessed by using the CHS Library Business Card with username/password information. OPAC, our on-line patron access catalog from Atrium, provides an electronic database of our holdings. Students can access this database from the library website and also from two laptops placed in the book stacks

The library is intended as an area for research and reading. Students who come to use the library are expected to work quietly. Those students who do not follow library policy and procedures will be asked to leave and may lose the privilege of coming to the library during their lunch or study hall.

Overdue fines, in the amount of .05 per day to a maximum of \$2.00 per item are charged for late materials. Students receive a bimonthly overdue/fine slip in their homerooms to remind them of late materials and fines. This fine money is put to good use as it purchases additional materials for students.

The library provides an excellent opportunity for students to earn their Community Service. We interview at the beginning of the year to find at least one student worker for each period during the day. Students will learn many skills as they take care of the circulation desk and help to process books, file materials and help with on-going projects.

Barbara Finlay - [bfinlay@mail.caribouschools.org](mailto:bfinlay@mail.caribouschools.org), Librarian/Media Specialist

### **Pre-apprenticeship Program**

This program is designed to prepare students for the world of work. Students work part-time in a training program while fulfilling academic requirements. Students will be provided a link between education in the classroom and skills training in the workplace. The program will prepare students for entry in an Apprenticeship Program upon successful completion. The program is open to juniors and seniors who are currently meeting graduation requirements. At least 1 graduation Credit will be given upon successful completion of program. Applications are made through the ACAP Pre-Apprenticeship Coordinator. See Guidance Counselor for assistance.

### **Special Education Program**

Special Education services are offered to identified students. The Special Education Director will meet annually with parents/student to develop an individual education plan.

Rick Umphrey - [rumphrey@mail.caribouschools.org](mailto:rumphrey@mail.caribouschools.org), Director of Special Education

Denise Bosse - [dbosse@mail.caribouschools.org](mailto:dbosse@mail.caribouschools.org), Site Coordinator

Darris Allen - [dallen@mail.caribouschools.org](mailto:dallen@mail.caribouschools.org)

Kelli Doody - [kdoody@mail.caribouschools.org](mailto:kdoody@mail.caribouschools.org)

## **CARIBOU HIGH SCHOOL PROGRAMS**

### **ENGLISH LANGUAGE ARTS**

Every student in the state of Maine must complete 4 years of high school English/Language Arts. Students at Caribou High School can expect to pursue a program which offers many opportunities to improve reading, writing, speaking, vocabulary building, listening, study skills, computer skills, research and career preparation. At each level in every grade, students will work toward certification in the following content standards.

#### **English Language Arts Standards:**

- A. *Process of Reading*
- B. *Literature and Culture*
- C. *Language and Images*
- D. *Informational Text*
- E. *Process of Writing and Speaking*
- F. *Standard English Conventions*
- G. *Stylistic and Rhetorical Aspects of Writing and Speaking*
- H. *Research-Related Writing and Speaking*

#### **GRADE 9 ENGLISH**

1 Credit

Theme: *ORIGINS – WHO AM I?*

Essential Question: *To What Extent Do I Control My Own Destiny?*

In Grade 9 English, students examine world cultures, literature, folklore, and world mythologies. They will study world regions, exploring themes of the hero, love, cultural diversity and generations from the past to the present.

#### **FRESHMAN SEMINAR**

1 Credit

This is a one Credit, yearlong class designed to promote success in English language arts as well as improving study skills needed at the high school level. It is a required class for students who have been identified as meeting the eligibility requirements.

#### **GRADE 10 ENGLISH**

1 Credit

Theme: *BUILDING A NATION – WHAT DO I BELIEVE?*

Essential Questions:

1. *To What Extent Do I Control Who I Become?*
2. *How Does Our History Define Who We Are?*

The sophomore curriculum begins with the exploration and settling of a nation and concludes with the early industrial period. Students will study the development of American literature from colonial times through the Civil War.

## **GRADE 11 ENGLISH**

1 Credit

Theme: *A NATION GROWS - WHAT IS MY ROLE?*

Essential Questions:

1. *To What Extent Do I Use My Voice to Create Change?*
2. *How Do Humans Adapt In Order to Survive?*

The junior curriculum continues the story of the American character, pursuing a study of literature that emphasizes immigration, industrialization, war and civil rights through the Twenty-First Century.

## **GRADE 12 ENGLISH**

1 Credit

Theme: *CITIZEN OF THE WORLD - HOW DO I MEET THE FUTURE?*

Essential Questions:

1. *To What Extent Do the Pathways That I Choose Prepare Me For the World?*
2. *What Comprises a Satisfying Life?*
3. *How Do Humans Adapt to Change?*

During the first semester, students are given the opportunity to gain a more complete appreciation of self and to understand the importance of making informed career and life choices, culminating in a comprehensive career unit for all seniors. During the second semester, students explore the role of themselves in the world by examining myths, literature, and cultures around the world. All seniors will complete a comprehensive Senior Exit paper and exhibition.

## **ELA 9-12 ESSENTIAL QUESTIONS:**

1. *How Does Point of View Affect the Story?*
2. *How Does Conflict Lead to Change?*
3. *How Do Humans Use Different Genres to Express Their Feelings?*
4. *How Do Relationships Contribute to Self Concept?*

***Students are offered two levels of English/Language Arts that will enable them to meet their goals for life after high school.***

## **GRADES 9-12 ENGLISH**

Students prepare to meet the high standards for a future in the world of work, technical school, or a two – four year college program where they will pursue specialized training as automotive technicians, welders, draftsmen, health care professionals, teachers or numerous other vocations that require a two or four-year college program. Career preparation is an important component of this level.

**AP ENGLISH LANGUAGE AND COMPOSITION** - Offered Junior Year to replace Junior Honors

An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing.

**Next year, AP Literature and Composition will replace Senior Honors.**

## **GRADES 9, 10, 12 HONORS ENGLISH**

Students work at a more accelerated pace than those enrolled in 9-12 English, participating in a more rigorous reading and writing program. Students must have an appreciation for the power of language. Students will be challenged. They are expected to read independently, conference, and revise their work.

Honors and AP students are required to read a book over the summer. This way we are able to make the most of the Honors/AP experience. The teacher will provide a book that will be challenging, but enjoyable. A reading tool is provided as a memory tool for working on the book unit and writing a paper. This will not be graded, but counted as extra Credit.

**All students at both levels are expected to word process final drafts of writing assignments. Students are encouraged to take advantage of the department policy that allows them to revise writing pieces after conferencing with their teachers and retake tests at the discretion of their teachers for a better grade. Policies also exist for make-up and late work. Students are expected to make up missed SSR days.**

\*\*The best learning takes place when teachers, students, and parents have open communication. The English/Language Arts staff encourages you to contact them regarding your child's progress by either calling the school at 493-4260 or by emailing the following:

Denise Levesque - [dlevesque@mail.caribouschools.org](mailto:dlevesque@mail.caribouschools.org), Curriculum Leader

Alana Margeson - [amargeson@mail.caribouschools.org](mailto:amargeson@mail.caribouschools.org)

Barbara Souther - [bsouther@mail.caribouschools.org](mailto:bsouther@mail.caribouschools.org)

Jessica Bell - [jbelle@mail.caribouschools.org](mailto:jbelle@mail.caribouschools.org)

Linda Mazerolle - [lmazerolle@mail.caribouschools.org](mailto:lmazerolle@mail.caribouschools.org)

Cherie Black - [cblack@mail.caribouschools.org](mailto:cblack@mail.caribouschools.org)

## **FAMILY AND CONSUMER SCIENCES**

### **CHILD DEVELOPMENT I**

1/2 Credit

This course is designed for present and future parents and those interested in becoming teachers. Students will study the prenatal development of the infant and the principles of development of children up to the age of three. One day a week will be devoted to working with pre-school at Teague Park School.

### **CHILD DEVELOPMENT II**

1/2 Credit

This course is a continuation of Child Development I. Parenting or Health Occupations may serve as the prerequisite. The main focus will be on the school-age child with the opportunity to work with pre-school children at Teague Park twice a week.

### **CO-ED FOODS**

1/2 Credit

This course offers the skills that will allow students to become self-sufficient in the kitchen. Chefs will start with breakfast and progress to a complete dinner, learning meal planning principles and preparation techniques for breads, pies, cookies, salads, casseroles and etc.

## **COURSES ELIGIBLE FOR FINE ARTS CREDITS:**

### **QUILT WORKSHOP**

1/2 Credit

Students will learn to choose color and fabric to make quilted projects using patterns from "The Quilt in a Day" series. Projects will range from quilted pillows, baby quilts and quilts designed for beginners.

### **ADVANCED QUILTING**

1/2 Credit

This course was developed for the student who has completed quilt workshop and wishes more time to complete a project or to build on the skills acquired by choosing more difficult designs and techniques. Students may go to the intermediate level.

### **INTERIOR DECORATING & DESIGN (Offered depending on enrollment)**

1/2 Credit

This course is for students interested in how design relates to the environment. Using hands-on projects, decorators will learn skills, which include wallpapering, painting, stenciling, and special effects. Past projects include re-decorating the guidance office, health room, and selected classrooms.

### **INTERNATIONAL FOODS**

1/2 Credit

This class will concentrate on the culture and the preparation of foods from Italy, China, Mexico, and other countries. Buffets, including appetizers, salads, breads, main courses, and desserts will be prepared for each country. Prerequisite: A previous cooking class.

Katy Bell - [katy\\_bell@mail.caribouschools.org](mailto:katy_bell@mail.caribouschools.org)

## **HEALTH AND PHYSICAL EDUCATION**

Health Content Standards

- |   |                                     |
|---|-------------------------------------|
| A. Health concepts                          | D. Influences on health             |
| B. Health information services and products | E. Communication skills             |
| C. Health promotion and risk reduction      | F. Decision making and goal setting |

### **HEALTH**

1 Credit

Health is a yearlong course and meets daily.

### **HEALTH I & HEALTH II**

1/2 Credit each

(Seniors who have already received ½ Credit in health)

One full year must be successfully completed before graduation requirements can be fulfilled. The course is designed to learn about total health: physical, mental, and social. The focus is on wellness, making daily choices and decisions based on healthy attitudes. Units are offered in the 5 health content area groupings as follows:

- 1) Personal Health and Nutritional Health
- 2) Family Life and Growth and Development
- 3) Consumer Health and Tobacco, Alcohol and Other Drug Use Prevention
- 4) Safety and Accident Prevention
- 5) Community Health, Environmental Health and Prevention and Control of Disease and Disorders

A conflict resolution unit will also be taught.

**PHYSICAL EDUCATION I**  
**PHYSICAL EDUCATION II**

1/2 Credit each

The physical education program develops competencies in different activities offered in the curriculum. We give each student a variety of individual and team sports with the emphasis on lifetime activities.

Physical education is required for graduation and counts towards honor roll. Students are given written and skills tests. Student assessment is based on participation, acting responsibly, written and skills test. Students must take and pass both Physical Education I and II – both offer different activities.

- In order to meet graduation requirements, students must complete one (1) full year of PE.

Verna Johnson - [vjohnson@mail.caribouschools.org](mailto:vjohnson@mail.caribouschools.org), Co-Curriculum Leader

Chris Casavant - [ccasavant@mail.caribouschools.org](mailto:ccasavant@mail.caribouschools.org)

Diana Locke - [dlocke@mail.caribouschools.org](mailto:dlocke@mail.caribouschools.org), Co-Curriculum Leader

**MATHEMATICS**

Math Content Standards

- A... Numbers and Number Sense
- B... Computation
- C... Data Analysis and Statistics
- D... Probability
- E... Geometry
- F... Measurement

- G... Patterns, Relations, Functions
- H... Algebra Concepts
- I ... Discrete Mathematics
- J... Mathematical Reasoning
- K... Mathematical Communication

**MATH REQUIREMENTS**

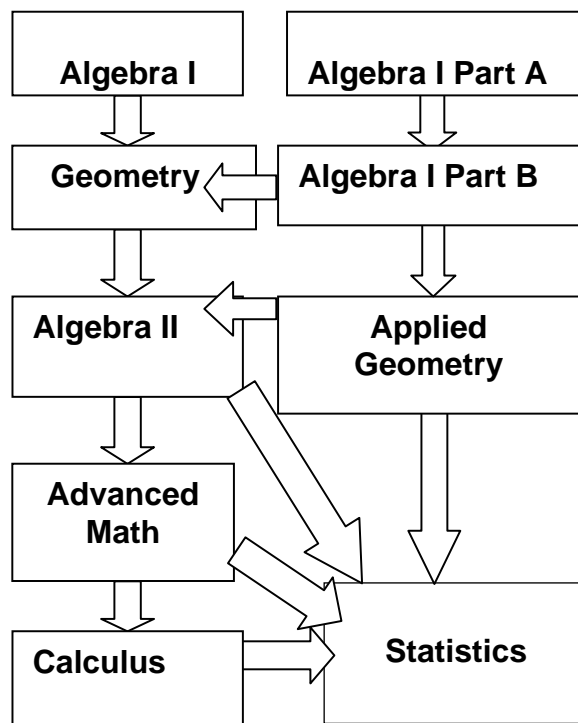
Students are required to take a minimum of three (3) years of math.

There are three (3) courses that begin the math sequence. Freshman may select from Algebra Part 1 A, Algebra I, or Geometry (for those that have completed Algebra I).

Upon the successful completion of a sequence including Applied Geometry or Geometry, State of Maine Math Content Standards will have been met.

Students may move from one sequence to another at appropriate times.

**MATH COURSE SEQUENCES**



**ALGEBRA I**

1 Credit

This introductory course in algebra is the basic course needed for all higher-level mathematics. It is required for admission to most colleges. Topics include solutions of linear equations, operations with algebraic expressions, factoring, graphing, and solving word problems. The emphasis is on group work and on understanding instead of memorizing rules. A scientific calculator is required.

**ALGEBRA I PART A**

1 Credit

This is the same course as Algebra I except the content will be covered over a 2-year period. Part A is for freshman. This course will include many lab activities to reinforce content. A scientific calculator is required.

**ALGEBRA I PART B**

1 Credit

This course is the second half of Algebra I and will include lab activities.

**GEOMETRY**

1 Credit

Geometry is the major study of two-and-three dimensional shapes and their relationships. Major topics of study include congruence, similarity, transformations and coordinates. Students will begin to learn how to do mathematical proofs. Algebra skills will continually be reinforced. The course is open to students who have successfully completed algebra I with a grade of "c" or better. It is required for admission to most colleges.

**APPLIED GEOMETRY**

1 Credit

This course is an introduction to Geometry. It stresses practical applications of mathematics in a variety of situations.

**STATISTICS**

1 Credit

Statistics is the study of data. This course is designed for the student who will not major in math or science in college. Topics covered will include data description, frequency distributions, graphs, probability, correlation and regression. This course will be a good introduction to the college statistics course that most college students not majoring in math or science have to take. Open to seniors who have successfully completed Algebra 1 and Geometry.

**ALGEBRA II**

1 Credit

Algebra II is a continuation of Algebra I and is required for most four-year colleges. More involved algebraic concepts, such as linear programming, quadratic equations, and functions, are studied. Many projects and laboratory activities are done. It is recommended that students have a graphing calculator, preferably a TI-84+. Open to students who have successfully completed Geometry or Applied Geometry.

**ADVANCED MATH**

1 Credit

Advanced Math is for the student who has completed Algebra II. It is a prerequisite for Calculus. The major topic of study is functions: linear, polynomial, rational, exponential and logarithmic. Approximately one-third of the course is a study of trigonometry. Projects that apply advanced mathematics to real-world situations are done frequently. It is recommended that students have a graphing calculator, preferably a TI-84+.

**AP CALCULUS**

1 Credit

Calculus is recommended for the student who plans on majoring in math or science in college. The first half of the course is a study of the derivative and its applications. The second half of the course is a study of definite and indefinite integrals and their applications. The Advanced Placement (AP) Calculus test will be given in May to interested students. Most colleges will give college Credit to students who pass the AP exam. A graphing calculator is essential.

## **INDEPENDENT STUDY**

1 Credit

Students who have completed calculus and wish to further their study of mathematics may arrange an independent study course with the permission of the mathematics division chair. This may be for 1 or 2 semesters.

[dmartin@mail.caribouschools.org](mailto:dmartin@mail.caribouschools.org), Curriculum Leader

[kperreault@mail.caribouschools.org](mailto:kperreault@mail.caribouschools.org)

[rdrost@mail.caribouschools.org](mailto:rdrost@mail.caribouschools.org)

[jcushman@mail.caribouschools.org](mailto:jcushman@mail.caribouschools.org)

[vmadore@mail.caribouschools.org](mailto:vmadore@mail.caribouschools.org)

[souellette@mail.caribouschools.org](mailto:souellette@mail.caribouschools.org)

## **WORLD LANGUAGES**

The World Language curriculum at Caribou High School is designed to foster a “respect {for} the interdependence of humankind, and acknowledge the importance of a healthy global environment” through the study of languages and cultures around the world (Caribou High School Vision Statement). In our global society, it has become essential to communicate effectively in more than one language. Technology and globalization of trade in our region requires an ability to communicate in multiple languages. Our programs allow students to acquire language acquisition skills and cultural understanding that will serve them for a lifetime. Through written and oral communication practice, cultural interactions and many types of projects students will develop a multitude of language skills, making them more intellectually able as university students as well as an employees in the working world.

At each level in every grade, students will work toward certification in the following content standards from the Maine Learning Results—Modern and Classical Languages Content Standards:

- A. Communication
- B. Cultures
- C. Connections
- D. Communities

Eighth grade students registering for French I, French II, French II Advanced or Spanish I must have the signature of their present eighth grade French teacher. Placing students at the appropriate level is important in order to ensure success.

### **FRENCH I** (No prerequisite)

1 Credit

French I is designed to introduce students to French language and culture. It is intended for students who have had no French or very little French. Students will explore the basics of communicating in French, including simple vocabulary and grammatical structures. A wide range of communication activities will facilitate multiple uses of the language. Through the use of technology and classroom experiences, students will also explore French cultures from around the world.

### **FRENCH II** (Prerequisite: successful completion of French I or permission of instructor.)

1 Credit

French II allows students to enter a world of broadened opportunities through an intermediate study of French communication and culture. Students will enhance their understanding and abilities through multiple methods of French communication. Cultural understanding will be encouraged through a wide range of experiences designed to give students a more global view of their place in the world.

**FRENCH III** (Prerequisite: successful completion of French II or permission of instructor) 1 Credit

Students enrolled in French III will expand their knowledge of vocabulary topics covered in previous years as well as develop new thematic vocabulary units. Students will increase their structural skills in the language and practice and enhance their proficiency in listening and speaking. A variety of cultural topics will include but not be limited to sports, artists and their works, food and food preparation, and the study of French-speaking areas of the world. Selected reading assignments and video presentations and productions are included in the study of French III.

**FRENCH IV** (Prerequisite: successful completion of French III or permission of instructor.) 1 Credit

Throughout the year, French IV students will focus on the development and enhancement of their listening, speaking, reading and writing skills. A variety of videos, current magazine articles, selected reading assignments and technology-based projects will be used to compare the customs of the countries studied to our country. There will be a complete review of all grammar covered in the three previous years of study. Further grammar study will be guided by the needs of the class.

**FRENCH II ADVANCED** (Prerequisite: successful completion of the grades 1-8 French program or permission of instructor.) 1 Credit

French II Advanced is intended for those students who have a strong background in French. This course seeks to expand the students' vocabulary, to review and resume the study of a variety of grammatical structures, and to strengthen the student's ability to communicate in French. Listening and speaking skills are reinforced through a selection of hands on activities. Writing proficiency is improved by building on these skills. Knowledge of the French-speaking world is broadened through an assortment of reading selections and technology based projects.

**FRENCH III ADVANCED** (Prerequisite: successful completion of French II ADVANCED or permission of instructor.) 1 Credit

This class is for students who started their study of French before high school and therefore have a stronger background. Students enrolled in French III advanced will expand their knowledge of vocabulary topics covered in previous years as well as develop new thematic vocabulary units. Students will increase their structural skills in the language and practice and enhance their proficiency in listening and speaking. A variety of cultural topics will include but not be limited to sports, artists and their works, food and food preparation, and the study of French speaking areas of the world. Selected reading assignments and video presentations and productions are included in the study of French III Advanced.

**FRENCH IV ADVANCED** (Prerequisite: successful completion of French III Advanced or permission of instructor.) 1 Credit

Throughout the year, French IV Advanced students will focus on the development and enhancement of their listening, speaking, reading and writing skills. A variety of videos, current magazine articles, selected reading assignments and technology-based projects will be used to compare the customs of the countries studied to our country. There will be a complete review of the all grammar covered in the three previous years of study; additional structural concepts will be studied and practiced. Further grammar study will be guided by the needs of the class. Students will read their first complete novel and produce a video of a complete news segment.

**AP ® FRENCH LANGUAGE** (Prerequisite: successful completion of French IV Advanced or permission of instructor.) 1 Credit

AP ® French Language is designed for the student who wishes to prepare for the AP language exam given in May. This is a college level class stressing the fundamental language skills developed throughout the years of study. Emphasis is placed on speaking and writing clearly and on reading novels and short stories which broaden the student's understanding of the francophone world. Developing listening skills and building a stronger vocabulary base is integral to this class. Activities selected to strength all of the skills will depend on the number of students enrolled in the class.

**SPANISH I** (No prerequisite) 1 Credit

Spanish I is designed to introduce students to the exciting world of Spanish language and culture. Students will explore the basics of communicating in Spanish, including simple vocabulary and grammatical structures. A wide range of communication activities will facilitate multiple uses of the language. Through the use of technology and classroom experiences, students will also explore Spanish cultures from around the world.

**SPANISH II** (Prerequisite: Successful completion of Spanish I) 1 Credit

Spanish II allows students to enter a world of broadened opportunities through an intermediate study of Spanish communication and culture. Students will enhance their understanding and abilities through multiple methods of Spanish communication. Cultural understanding will be encouraged through a wide range of experiences, designed to give students a more global view of their place in the world.

**SPANISH III** (Prerequisite: Successful completion of Spanish II) 1 Credit

Spanish III is a colorful world of communication and cultural exploration. Students will study a wide spectrum of advanced communication concepts in conjunction with practical cultural explorations. Students will be expected to use and experiment with their language abilities and to enhance their communication skills.

**SPANISH IV** (Prerequisite: Successful completion of Spanish III) 1 Credit

Spanish IV is an open door to the world. It will provide students with multiple opportunities to communicate in practical ways through a combination of advanced cultural and communication activities. Proficiency in Spanish, combined with cultural and global understanding, will not only make students of Spanish IV more marketable to colleges and employers, but will provide students with a broader understanding of other languages and cultures in general. Creative use of the language will be strongly encouraged. Students may have the opportunity to design portions of the curriculum throughout the year, making Spanish IV a more individualized course than the lower levels.

Daniel Fishman – [dfishman@mail.caribouschools.org](mailto:dfishman@mail.caribouschools.org)

Kimberly Stokdijk – [kstokdijk@mail.caribouschools.org](mailto:kstokdijk@mail.caribouschools.org)

Wanda Theriault – [wtheriault@mail.caribouschools.org](mailto:wtheriault@mail.caribouschools.org)

## **SCIENCE**

### Science Content Standards

A.....Classifying Life Forms	B.....Ecology
C.....Cells	D.....Continuity and Change
E.....Structure of Matter	F.....The Earth
G.....The Universe	H.....Energy
I..... Motion	J.....Inquiry and Problem Solving
K..... Scientific Reasoning	L.....Communication
M.....Implications of Science and Technology	

Grade 9	Physical Science			
Grade 10	Biology			
Grade 11	Tech Science	Chemistry		Advanced Chemistry
Grade 12	Tech Science	Conceptual Physics	Physics	AP Physics

### **PHYSICAL SCIENCE**

Grade 9

1 Credit

All freshmen are required to take this course. The course introduces the Sci-Math model of problem solving and covers the science content areas of Physics and Earth & Space. There is a certain amount of lab work to reinforce the concepts learned in class. The class will meet for 5 periods per week.

### **BIOLOGY**

Grade 10

1 ½ Credits

All sophomores are required to take this course. The course gives the students a good introduction to the world of life science. Such topics as cells, genetics and microorganisms will be covered. Students will do lab work, projects and use critical thinking skills to solve problems. The class will meet for 7 periods / week.

### **CHEMISTRY**

Grade 11

1 ½ Credits

The course is intended to prepare all students for college chemistry regardless of whether they will major in a science field or not. The class will include problem solving and a considerable amount of lab work to challenge the student to understand the science concepts. The class will meet for 7 periods / week. *RECOMMENDED BACKGROUND: ALGEBRA I*

### **ADVANCED CHEMISTRY**

Grade 11

2 Credits

This course is intended for the ambitious science student who plans to pursue a science field of study such as engineering or medicine. Emphasis will be placed on problem solving with much time learning chemistry concepts through rigorous experimentation. The computer and other technology will be an integral part of the course work. The class will meet for 10 periods / week. *RECOMMENDED BACKGROUND: ALGEBRA I*

**PHYSICS**

Grade 12

1 ½ Credits

This course is designed to prepare the student for college physics. The class offers a traditional laboratory based approach to the study of physics with emphasis on problem solving. The class will meet 7 periods / week. *RECOMMENDED BACKGROUND: ALGEBRA II*

**CONCEPTUAL PHYSICS**

GRADE 12

1 Credit

This course is intended for the college bound student who will not be a science or math major. The approach to physics is unique in that it applies the physics concepts to explain phenomena that students have observed in the every day world without the usual math associated with traditional physics. There is a certain amount of lab work to reinforce the concepts learned in class. The class will meet 5 periods / week.

**AP PHYSICS**

Grade 12

2 Credits

AP Physics is equivalent to the first semester physics taught in college to engineering and science students. The course is a traditional calculus based course and the student must be taking or have completed Calculus I. At the conclusion of the course, the student may elect to take the AP Physics C exam. Many colleges accept successful completion of this exam in place of a first semester physics course requirement. This course is recommended for students planning a career in engineering or other science fields that require a calculus based background. This course will meet for 10 periods / week.

**ADVANCED PLACEMENT (AP) BIOLOGY**

2 Credits

*(Offered depending upon enrollment requests)*

This course is designed to explore biology topics in as much depth as possible by applying many problem-solving activities, independent work, projects, and other special activities. Topics covered will include biochemistry, life characteristics, cell structure and function, genetics, cell division, origin of life, variety of life, ecology, and anatomy. The class meets 10 periods per week. At the end of the year, students may elect to take the AP Biology test to earn college Credit. Students must apply for this course prior to the normal registration process.

**ANATOMY & PHYSIOLOGY**

1 Credit

*(Offered depending upon enrollment requests)*

This is an intense course for those students wishing to enter the medical field as a doctor, nurse, physical therapist, sports medicine, etc. Most of the systems of the body will be covered. Some labs and projects will be assigned as part of the course. Job shadowing will be encouraged in areas of interest. *Prerequisite: Biology*

**HORTICULTURE**

1 Credit

The class will include landscaping, sports fields' management, and growing plants in the new greenhouse. Hands on projects, which utilize the school grounds as well as fieldtrips and industry speakers, will be an integral part of this course. Sports fields and turf grass management national certification segments will be offered.

Peter Scovil - [pscovil@mail.caribouschools.org](mailto:pscovil@mail.caribouschools.org), Curriculum Leader

Andrew Kirby - [akirby@mail.caribouschools.org](mailto:akirby@mail.caribouschools.org)

Alan Dearborn - [adearborn@mail.caribouschools.org](mailto:adearborn@mail.caribouschools.org)

Carol Thibodeau - [cthibodeau@mail.caribouschools.org](mailto:cthibodeau@mail.caribouschools.org)

Ron Bouchard - [rbouchard@mail.caribouschools.org](mailto:rbouchard@mail.caribouschools.org)

Jamie Bell - [jamie\\_bell@mail.caribouschools.org](mailto:jamie_bell@mail.caribouschools.org)

Tom Hale - [thale@mail.caribouschools.org](mailto:thale@mail.caribouschools.org)

## **SOCIAL STUDIES**

### **Content Standards**

<p><b>Civics and Government</b></p> <ul style="list-style-type: none"><li>A. Rights, Responsibilities and Participation</li><li>B. Purpose and Types of Government</li><li>C. Fundamental Principles of Government</li><li>D. International Relations</li></ul> <p><b>History</b></p> <ul style="list-style-type: none"><li>A. Chronology</li><li>B. Historical Knowledge, Concepts &amp; Patterns</li><li>C. Historical Inquiry, Analysis &amp; Interpretation</li></ul>	<p><b>Economics</b></p> <ul style="list-style-type: none"><li>A. Personal and Consumer Economics</li><li>B. Economic Systems of the United States</li><li>C. Comparative Systems</li><li>D. International Trade &amp; Global Interdependence</li></ul> <p><b>Geography</b></p> <ul style="list-style-type: none"><li>A. Skills and Tools</li><li>B. Human Interaction with Environments</li></ul>
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### **GLOBAL STUDIES**

1 Credit

This full year program for grade 9 students' approaches world history, geography and world cultures from a regional point of view. Students study a world region, such as the Middle East, from the point of view of its history, geography and culture, ending each unit with a current event component. This course features map work, group work and a project approach.

### **AMERICAN STUDIES I or AMERICAN STUDIES I HONORS**

1 Credit

This full-year program begins a two-year investigation of United States history, geography and government. It is presented chronologically beginning with the exploration and settlement of the nation through the early industrial period (about 1900). A major emphasis is the development and function of the United States government and our economic system.

### **AMERICAN STUDIES II**

1 Credit

This full-year program for juniors continues the story of our history, government geography and economic systems begun in grade 10. It focuses on the role of the United States in world events beginning with the Spanish American war through the United States in the 21st century.

### **AP U.S. HISTORY**

1 Credit

An alternative offering to ASII, this class is designed for juniors wishing to prepare for the AP U.S. History exam given in May. Content of this class reviews American Studies I and covers all the topics of American Studies II but in a freshman college format and with college level materials.

## **SOCIAL STUDIES ELECTIVE COURSES**

The social studies department offers a number of ½ Credit electives designed primarily for seniors. Each program attempts to make that social science discipline relevant to the student's life and future career.

### **PSYCHOLOGY**

1/2 Credit

This one semester program, for all students, overviews psychology as a scientific discipline with a personal application for every unit. It assumes that better understanding one's own feelings, thoughts, motivations and behavior will help students also gain insight into the behavior of others. Lots of experiences and demonstrations help balance individual and group work. Psychology is recommended for those students whose careers will require working with people.

### **AP PSYCHOLOGY**

1 Credit

AP Psychology is designed for the accelerated student who desires to study psychology in the format of a challenging elective and/or to prepare for the AP Psychology exam. Students who will be preparing for the AP exam should understand that additional work beyond the course might be required to adequately prepare for this experience. This extra work may be organized into an independent study for an additional one-half Credit.

### **SOCIOLOGY**

1/2 Credit

This one semester class examines groups from all aspects. It helps students understand how groups are formed and how they function. Social problems and conditions such as violence, family, marriages etc. are studied in depth. Group work with individual accountability is the major learning approach. This program is recommended for all students who will work in the helping professions. (Teaching, nursing, criminal justice, etc.)

### **SENIOR SEMINAR (Offered depending on enrollment)**

1/2 Credit

This program is best described as organized independent study. Class themes are developed that provide individual students and small groups the opportunity to investigate a topic or question in considerable depth followed by demonstrations, debates or presentations. It's a great opportunity to study topics not part of the regular school program.

### **ANTHROPOLOGY**

1/2 Credit

Only one of the three high school anthropology programs in Maine, this program provides an introduction to physical and cultural anthropology. This exciting elective studies humans from every possible approach, physical, racial, cultural, from prehistory to the present. A major feature of the class is a simulated archeological dig in the spring.

Ron Willey - [rwilley@mail.caribouschools.org](mailto:rwilley@mail.caribouschools.org), Curriculum Leader

Allison Ladner - [aladner@mail.caribouschools.org](mailto:aladner@mail.caribouschools.org)

Kenneth Atcheson - [katcheson@mail.caribouschools.org](mailto:katcheson@mail.caribouschools.org)

Roy Alden - [ralden@mail.caribouschools.org](mailto:ralden@mail.caribouschools.org)

Steve Burden - [sburden@mail.caribouschools.org](mailto:sburden@mail.caribouschools.org)

Jim Martin - [jmartin@mail.caribouschools.org](mailto:jmartin@mail.caribouschools.org)

## **TECHNOLOGY EDUCATION**

### **COMPUTER TECHNOLOGY I**

1/2 Credit

This one semester course is designed to introduce students to the Windows 2000 operating system and various generalized software applications. This course will introduce/review keyboarding skills and techniques using the touch method. The course also introduces computer terminology, the disk operating system, word processing, electronic spreadsheets, database creation and presentation software. This course meets the graduation requirement for computer proficiency.

### **COMPUTER TECHNOLOGY II**

1/2 Credit

This one-semester course is a continuation of the fundamentals of word processing, electronic spreadsheets, database and presentation software learned in Computer Technology I.

Prerequisite: Successful completion of Computer Technology I.

### **YEARBOOK**

1 Credit

This course will provide students with instruction in basic principles of layout, design, photography and marketing. Students will produce and sell the school yearbook, which chronicles the events of the school year.

Jane Umphrey - [jumphrey@mail.caribouschools.org](mailto:jumphrey@mail.caribouschools.org)

## **VISUAL AND PERFORMING ARTS**

### **INTRODUCTION TO THE VISUAL ARTS I**

First Semester

1/2 Credit

Introduction to the Visual Arts I is a sampler course offering step-by-step instruction (learning experience) that leads to the creation of an art project (presentation). The art techniques include the principles of drawing with graphite and colored pencils, and the principles of calligraphy (lettering). Through mini-art history lessons students will explore art from prehistoric to the time of the renaissance to understand why we create art, and explore their creativity through a series of brainstorming.

### **INTRODUCTION TO THE VISUAL ARTS II**

Second Semester

1/2 Credit

Introduction to the Visual Arts II is a sampler course offering step-by-step instruction (learning experience) that leads to the creation of an art project (presentation). The art techniques include the principles of painting with acrylics and watercolors, and the principles of 2D and 3D design. Through mini-art history lessons students will explore art from Baroque to Modern Art to understand why we create art, and explore their creativity through a series of brainstorming.

### **INDEPENDENT STUDY IN ART I**

First Semester

1/2 Credit

### **INDEPENDENT STUDY IN ART II**

Second Semester

1/2 Credit

Independent Study in Art is designed for the student who has the self-discipline and the drive to work alone on projects of their design. The course is divided into 6 units for creating art from initial concept to final product (presentation), while using a variety of materials (media). This course is ideally suited for the creation of an art portfolio to be used for admission to an art school, and/or a student art show at midterm or finals week.

Independent students will share class time with visual arts classes. Students must bring samples of their artwork (notebooks, sketchbooks, folios, etc.) and get the instructor's signature (permission) to take this course.

Jim Martin - [jmartin@mail.caribouschools.org](mailto:jmartin@mail.caribouschools.org)

**BAND**

1 Credit

Members of the band will meet five times a week for rehearsals and are given the opportunity to receive personal instruction on their instrument, as scheduling will allow. Members of the band are required to perform many times during the year at a variety of events. Students who wish to participate in band and chorus will receive one half (1/2) Credit for each. Also students who wish to take band for a half year will receive one half (1/2) Credit.

**CHORUS**

1 Credit

Members of the chorus will meet 5 times a week for class and will receive one (1) Credit. Students who wish to participate in chorus and band will receive one half (1/2) Credit for each. Also students who wish to take chorus for a half year will receive one half (1/2) Credit. The choral group will have the opportunity to perform many times during the year at a variety of events and are required to participate in winter, spring and large group performances.

**STRINGS**

1 Credit

Strings instruction is intended to provide performance experience for students playing a string instrument. Literature covered will outline significant orchestral works of various musical periods.

The fine arts graduation requirement can also be met by taking Home Design and Graphic Arts in the Technology Center. Please refer to Career and Technical Education descriptions on page 28.

Vicky King – [vking@mail.caribouschools.org](mailto:vking@mail.caribouschools.org), Curriculum Leader

Vaughn McLaughlin - [vmclaughlin@mail.caribouschools.org](mailto:vmclaughlin@mail.caribouschools.org)

Susan Herold - [sherold@maine.rr.com](mailto:sherold@maine.rr.com)

James Martin – [jmartin@mail.caribouschools.org](mailto:jmartin@mail.caribouschools.org)

**CAREER AND TECHNICAL EDUCATION**

The Caribou Regional Applied Technology Center serves as a training center for students from Caribou, Fort Fairfield, Limestone, Presque Isle, Van Buren, Washburn, Easton and Ashland.

The Center provides high school students and post-graduates an opportunity to learn job skills in a variety of areas. A combination of classroom instruction, hands on learning experiences and on-the-job training enables every student to explore job options and develop life and work skills. Some students seek employment immediately after high school or join the military. Many students further their education at a university, college, or community college.

All students at the Technology Center are encouraged to participate in co-curricular organizations, which coincide with their chosen program. These student organizations have been highly successful in local, state and national competitions as evidenced by respective state and national awards.

**1-YEAR PROGRAMS Offered to Grades 9, 10, 11, 12**

Agriscience Technology

Computer Applications

Graphic Arts

Graphic Communications

Home Design

Presentation Graphics

Web Page Design

Wood Technology

Introduction to PC Repair

## **1-YEAR PROGRAMS Offered to Junior & Senior Students**

Automated Manufacturing\*  
Computer Information Processing  
Commercial Drivers License \*  
Electronics/Computer Servicing  
Health & Medical Sciences  
Large Equipment Operations & Maintenance \*  
Criminal Justice

## **2-YEAR PROGRAMS Offered to Junior & Senior Students**

Auto Body Repair \*  
Automotive Technology \*  
Food Service  
Marketing Education (1 period per day, open to Sophomores)  
Residential Construction \*  
Video Productions  
Welding/Metal Fabrication\*

\* Two-year participation in these programs will meet the third year science requirement.

## **CAREER AND TECHNICAL EDUCATION ONE PERIOD CLASSES**

### **AGRISCIENCE TECHNOLOGY**

#### **AG EXPERIENCE**

1 Credit

This new course is for students who want to be actively involved in the FFA and the agricultural industry. Coursework will include soil science, Ag weather, force, acceleration, Pascal's Law, electrical basics, composites, specific gravity, density, Bernoulli's effect, scientific methods and research. A Supervised Ag Experience Project will be planned. An opportunity to earn money with an Agriscience project will be offered.

#### **AG MECHANICS**

1 Credit

This course will include basic tool identification and use, fasteners, composites, metal identification, basic fabrication skills, Maine Public Service electrical program, hydraulics, alternative energy, and small engines. Students may enter the electrification contest that offers \$1000 scholarship to the winner. Ag Mechanic students may work on third world collaborative projects.

#### **HORTICULTURE**

1 Credit

The class will include landscaping, sports fields' management, landscape design, and growing plants in the new greenhouse. Hands on projects, which utilize the school grounds and industry speakers, will be an integral part of this course. Sports fields and turf grass management national certification segments will be offered.

#### **AGRICULTURE AND NATURAL RESOURCES**

3 Credits

An intensive study of the agriculture, natural resources, and Agriscience industries in a three period block of time. Students will visit Ag businesses, Ag production, forestry, and Ag science facilities. These students will utilize the fields and forests at Caribou Technology Center to cultivate, plant, maintain, harvest and sell fresh commodities. State of Maine private pesticide applicator licensing may be earned. A Supervised Ag Experience Project must be planned or in place. Membership in the FFA is strongly encouraged.

All Ag education students will get their Environmental Protection Agency Worker Protective Standards (WPS) course certification.

Membership in the Caribou Chapter will open up a world of opportunity to students who take an active part in the student organization of agriculture education, the FFA.

Thomas Hale - [thale@mail.caribouschools.org](mailto:thale@mail.caribouschools.org)

### **COMPUTER APPLICATIONS I & II**

1 Semester

1/2 Credit each

This course is a continuation of Computer Technology and will prepare the student for intermediate usage of Windows as a computer tool. Various generalized application areas covered include: computer theory, disk operating system, word processing, electronic spreadsheets, database management, presentation graphics and computer aided design. Stress will be placed on the use of the computer as a business tool. Students will continue to strive for proficiency and production.

Jane Umphrey – [jumphrey@mail.caribouschools.org](mailto:jumphrey@mail.caribouschools.org)

### **GRAPHICS ARTS I**

1 Credit

Computer Graphics is one of the fastest growing career fields. Create imaginative artwork that will inform and attract in an interesting and informative vocational program. You will use some of the tools of the printing industry and learn the history of the trade. The course is designed for both the artistic and the non-artistic alike to produce professional looking projects. This course meets the requirements of 1 Credit in fine arts.

### **GRAPHIC ARTS II**

1 Credit

Continuing the development of the graphic arts skills, this course will provide self-paced instruction and practice in the field of graphic arts. Students practice these skills on school projects including business cards, brochures, flyers, invitations, and office printing. Students gain professional training in the following software: Microsoft Publisher, Paint Shop Pro X, and Microsoft Office components. This course meets the requirements of 1 Credit in fine arts. Prerequisites: Graphic Arts I

### **GRAPHIC COMMUNICATIONS**

1 Credit

This is a fast paced development class using previously developed graphic arts skills to produce documents and designs for local businesses, private individuals, and the school district. We will actively explore local Graphic Art employment options and best practices.

Prerequisites: Graphic Arts II

### **HOME DESIGN**

1 Credit

This course will provide students with a simulated process of designing and constructing a model of their dream home. Students will draw a scaled blue print of their home, and select doors, windows, cabinets and interior fixtures. Learning the building process and how to estimate cost of materials will be included. The course will conclude with students constructing a scaled model of their future home. This class meets the requirements for 1 fine arts Credit.

Spencer Bragan – [sbragan@mail.caribouschools.org](mailto:sbragan@mail.caribouschools.org)

### **PRESENTATION GRAPHICS**

1 Semester

1/2 Credit

This course provides the student the ability for developing visually oriented presentations containing both text and graphics placed in an attractive layout on the computer screen and then printed ready to be reproduced. The student will create multicolumn page layouts; mix different type styles and place photos and drawings in the document. Documents created would include newsletters, brochures,

tickets, sales flyers, directories, price lists, forms training manuals, business cards, letterheads, transparencies, resumes, note pads, slides, bar-graphs, pie charts and other professional typeset quality documents.

Jane Umphrey – [jumphrey@mail.caribouschools.org](mailto:jumphrey@mail.caribouschools.org)

### **WEB PAGE DESIGN**

1 Semester

1/2 Credit

Learn to create and edit Web pages using HTML and Microsoft FrontPage. HTML (hypertext markup language) is a formatting language for web pages that will display text, images, set up lists boxes, hyperlinks, graphics, sound and video. Microsoft FrontPage allows you to create and edit Web pages without the use of programming languages. They are designed for both the experienced and beginning Web site developers with a simple yet powerful tool for designing and building great looking, easy to navigate Web sites.

Jane Umphrey – [jumphrey@mail.caribouschools.org](mailto:jumphrey@mail.caribouschools.org)

### **WOOD TECHNOLOGY I & II**

1/2 Credit each

This program will cover types of wood and usage. There will be instruction on the safe use of hand and power woodworking tools. Small woodworking projects will be completed to demonstrate skilled usage of tools and woodworking techniques. Wood finishing with paint and stains will also be covered. Student projects are an expectation in the program. Costs incurred must be paid prior to the end of add/drop period. Wood Technology I is a prerequisite to Wood Technology II. Advanced tool skills will be taught to accomplish larger and more complex projects.

Spencer Bragan – [sbragan@mail.caribouschools.org](mailto:sbragan@mail.caribouschools.org)

### **INTRODUCTION TO PC REPAIR**

1/2 Credit

This one-period, one-semester course is designed to provide students with a basic understanding of how personal computers work. Topics include computer hardware, how hardware and software work together, installing and supporting hardware, troubleshooting basics, installing and supporting Windows XP, and connecting PCs to networks and the Internet.

Lisa Anderson – [lisa\\_anderson@mail.caribouschools.org](mailto:lisa_anderson@mail.caribouschools.org)

## **CAREER AND TECHNICAL EDUCATION ONE-YEAR PROGRAMS**

### **AUTOMATED MANUFACTURING**

3 Credits

This new course will introduce students to the exciting world of computer-aided manufacturing. Students will experience the processes required in manufacturing metal and non-metal parts through computer assisted precision machining. Topics include CAD (Computer Aided Drafting and Design), CAM (Computer Aided Manufacturing), and CNC (Computer Numerically Controlled) machines. Students will work on state of the art equipment while working closely with industry and the Welding/Metal Fabrication program. This is an excellent program for people planning a career in engineering.

Kevin Quist – [kquist@mail.caribouschools.org](mailto:kquist@mail.caribouschools.org)

## **COMPUTER INFORMATION PROCESSING**

3 Credits (Dual Credit option\*)

This one-year course in computer applications covers areas that can lead to an exciting career involving computers. The primary emphasis is on Microsoft Office covering Word, Access, Excel, PowerPoint and integration of these applications. Other topics in the course are desktop publishing using Microsoft Publisher, Internet study and web page creation. \*Students have the option of enrolling in the Dual Credit component of the course and earning college Credit in addition to high school Credit.

Jane Umphrey – [jumphrey@mail.caribouschools.org](mailto:jumphrey@mail.caribouschools.org)

## **COMMERCIAL DRIVERS LICENSE**

3 Credits

This course will provide an opportunity for students to gain the knowledge that is needed for today's trucking industry. If you would like to drive a truck and feel the freedom of being on the open road, then this course will cover the rules and regulations for Commercial Drivers and the basic preventative maintenance of trucks. This includes changing engine oil, greasing, tightening belts and basic wiring. This program will help students meet test requirements of the State of Maine Motor Vehicle Class B Commercial Vehicle Road Test. A valid Maine driver's license is **required** to take this vocational program. A drug test may be required.

Tom Huston – [thuston@mail.caribouschools.org](mailto:thuston@mail.caribouschools.org)

## **ELECTRONICS/COMPUTER SERVICING**

3 Credits

This course is designed to prepare students for a career in a computer occupation such as a computer service technician or network support specialist. Topics include safety, computer configuration, installing hardware and software, operating systems, networking fundamentals, upgrading, diagnosis, repair, customer interaction and preventive maintenance. This course will help prepare students who wish to obtain A+ Certification in Computer Servicing. **Two period options are available.**

Lisa Anderson – [lisa\\_anderson@mail.caribouschools.org](mailto:lisa_anderson@mail.caribouschools.org)

## **HEALTH & MEDICAL SCIENCES**

3

Credits

Health & Medical Sciences is a one-year program designed to give students a general overview of medical career opportunities. It emphasizes hands-on training in entry-level skills needed to be successful in the work force. First and Second Quarter focuses on class/lab to obtain the knowledge needed for the clinical setting. Those students who do not wish to become certified nursing assistants can exit out after completing second quarter or possibly do training in another medical setting. Those who complete the clinical hours needed and are 16 years of age by May 1<sup>st</sup>, may take the state exam to become certified in May. Any student who is considering going to college to be a nurse or who wants a career in the medical field is highly encouraged to take this course. Health & Medical Sciences offers a great foundation to build upon. All students participating in clinical need to have a physical examination by a licensed professional within the past year. All necessary forms may be obtained through your guidance counselor.

Carol Buzzell – [cbuzzell@mail.caribouschools.org](mailto:cbuzzell@mail.caribouschools.org)

## **LARGE EQUIPMENT OPERATIONS & MAINTENANCE**

3 Credits

This course provides a basic knowledge of heavy equipment and the fundamentals of mechanical maintenance on large industrial equipment. Students will use equipment to plow snow, load gravel, dig trenches, plow parking lots and haul materials. Preventative maintenance, including changing oil, greasing, tightening belts, and basic wiring will be taught. A valid Maine driver's license is **required** to take this vocational program.

Tom Huston – [thuston@mail.caribouschools.org](mailto:thuston@mail.caribouschools.org)

## **CRIMINAL JUSTICE**

3 Credits

The Criminal Justice program is designed to provide an overview of the total criminal justice system. Students will have the opportunity to explore law enforcement issues at the local, state, and federal levels. They will also look at the United States and worldwide court systems, juvenile law, corrections, private security and other related fields.

This three-period program will provide juniors and seniors with a background in a variety of criminal justice topics through academic study and hands on training. The course instructor will work closely with the University and Community College systems along with the Maine Criminal Justice Academy to better prepare students for the next level of training/education.

Melinda Howe – [mhowe@mail.caribouschools.org](mailto:mhowe@mail.caribouschools.org)

## **CAREER AND TECHNICAL EDUCATIONAL TWO-YEAR PROGRAMS**

### **AUTO BODY REPAIR I & II**

3 Credits each

This program is designed to provide students with the fundamental skills needed to enter the auto body trade. Students will have the opportunity to perform panel replacement, sheet metal repair, frame construction repairs, and plastic shaping and sanding. Students will also learn to use the MIG welder, uni-spotter, and power and hand tools that are used in the auto body industry. Safety procedures will be included throughout the program.

The second year will cover more advanced skills in the areas of major collision repair, BC/CC painting single stage paints, airbrushing, glass installation, estimating repair and frame and body alignments. **One period, two period, and off lab day options are available.**

Ken Westin – [kwestin@mail.caribouschools.org](mailto:kwestin@mail.caribouschools.org)

### **AUTOMOTIVE TECHNOLOGY I & II**

3 Credits each

This program combines classroom instruction, a practical shop environment, and a variety of hands on learning experiences to provide students with a thorough understanding of basic automotive maintenance and repair. Maintaining, troubleshooting, and repairing of brake systems, electrical systems, ignition systems, drive trains, engines, and more will be taught. Students will also be instructed on the use of a wide variety of standard shop equipment as well as state of the art equipment including scope/analyzer, an automotive computer code scanner, 5-gas analyzer and 4-wheel alignment machine. Individual and team shop projects will provide students with practical "live-work" experiences. **Less than a 3-Credit class may be offered on an individual basis.**

Kevin Keaton – [kkeaton@mail.caribouschools.org](mailto:kkeaton@mail.caribouschools.org)

## **FOOD SERVICE**

3 Credits

This program covers entry-level skills of the food service industry. Training includes safety, sanitation, customer relations, customer service, cashier, cook, waiter/waitress, job attitudes and operations of related tools and equipment. Working in the lunch counter that operates on a daily basis provides live work experience. Students will rotate through the different jobs of the lunch counter to gain experience in each area of the kitchen.

Juanita Campbell – [jcampbell@mail.caribouschools.org](mailto:jcampbell@mail.caribouschools.org)

## **MARKETING EDUCATION I & II**

1 Credit each

Marketing Education provides students with key skills needed to seek employment or further their education in the business field. Skills in academic and technical areas are combined to provide students the foundation our business and industrial leaders demand. Some of the areas covered are E-Commerce, Entrepreneurship, Financial Services, Hospitality Services, Travel & Tourism and Sports & Entertainment Marketing. Guest speakers, on-line computer activities and the development of student career portfolios are also included in the curriculum.

### **DECA Club**

Participation in DECA (An Association of Marketing Students) provides students with the opportunity to become involved in many exciting activities relating to their Marketing curriculum. Involvement in DECA offers students leadership training, and a chance to compete in State and National events in career areas designed to stimulate and motivate classroom interest and vocational competence. Students winning First Place trophies at the State Conference are eligible to attend the National Conference, which is held in cities such as Anaheim, Nashville, Salt Lake City and Louisville.

Jane Umphrey – [jumphrey@mail.caribouschools.org](mailto:jumphrey@mail.caribouschools.org)

## **RESIDENTIAL CONSTRUCTION I & II**

3 Credits each

This course is designed to provide students with skills and hands on experiences in construction. Students will learn the uses and safety of power and hand tools, and how to layout, fabricate, install, and repair wooden structures. Siding, roofing, estimating, and blueprint reading will also be introduced.

A 6 to 9 week masonry course is included, covering the art of laying brick and block. Different brick and block projects will be built.

A variety of projects are constructed in response to local demands and needs. Community service projects may be included to provide on the job training.

Spencer Bragan – [sbragan@mail.caribouschools.org](mailto:sbragan@mail.caribouschools.org)

## **VIDEO PRODUCTIONS I & II**

3 Credits each

Video Productions gives students the real life experience of making web casts for the class's own website [vikingvideoprogram.com](http://vikingvideoprogram.com). Students shoot and edit a variety of fun and exciting mini-video productions from music videos to news flashes and from competition pieces to field trips. Students learn production planning, scripting, shooting, and editing. Many out of class filming experiences reinforce theory and technical skill development in class. State of the art digital equipment is used and this along with the skill of students has resulted in many awards for this class.

Brenda Jepson – [bjepson@mail.caribouschools.org](mailto:bjepson@mail.caribouschools.org)

## **WELDING / METAL FABRICATION I & ii**

3 Credits each

This course provides an opportunity to learn skills needed for an exciting career in welding and metal fabrication. Upon successful completion, students may receive up to eight college Credits from Eastern Maine Community College and become certified through the American Welding Society. Topics covered in this high demand job field include oxy-fuel processes, as well as modern arc welding processes such as stick, TIG, MIG, flux-cored and pulse-arc welding. Related topics such as blueprint reading, computer-aided drafting and metallurgy prepare students for success in a wide range of occupations. Students will practice these skills and techniques through classroom and “live work” projects. Emphasis is placed on subject matter, work attitude and employability skills. Entrepreneurial skills are incorporated in a school-based business. “CTC Enterprises” manufactures equipment that is marketed through local businesses. Involvement in SkillsUSA is highly encouraged for development of leadership skills and demonstration of skills at local, state, and national competitions. **1 & 2 period classes may also be available.**

Kevin Quist – [kquist@mail.caribouschools.org](mailto:kquist@mail.caribouschools.org)

### **SkillsUSA Club**

SkillsUSA is a national organization specifically for vocational students and is designed to be an integral part of the student’s education. In addition to leadership training, involvement in SkillsUSA offers students a chance to compete in local, state and national events in more than 60 skills and leadership areas.

## **STUDENT SERVICES**

The Technology Center has a Student Services Coordinator (Guidance Counselor) to assist all students in getting the most from their Technology training. Students and parents are encouraged to contact the Technology Center at any time to discuss following services:

**Academic Counseling** - Assisting students with course selection and scheduling, evaluating academic achievement and finalizing post-secondary plans.

**Personal Counseling** - Short term counseling regarding personal problems or concerns available to students individually or in small groups.

**Career Counseling** - Helping students explore career options based on their interests, aptitudes and abilities. Job seeking skills such as locating job openings, resume writing, completing job applications and interviewing skills are also included.

Judy Bougie – [jbougie@mail.caribouschools.org](mailto:jbougie@mail.caribouschools.org)

## **PRESQUE ISLE CAREER & TECHNICAL CENTER**

**Juniors and seniors may also elect these courses available at the Presque Isle Regional Career & Technical Center.**

### **CTE DRAFTING I**

3 Credits – Grades 11 and 12

CTE Drafting I introduces students to aspects of sketching, lettering, multi-view drawing, dimensioning, pictorial view drawing and cut sectioning. Residential house design, including floor plans, sections, elevation details, and structural components are also presented through the use of CADD. Student performance is assessed through authentic class assignments and projects.

### **CTE DRAFTING II**

3 Credits – Grade 12

CTE Drafting II expands the skills learned in CTE Drafting I and includes a stronger focus on the AutoCAD program. Emphasis is placed on designing residential and commercial building plans. Many students' plans are actually utilized in real construction projects. Students will demonstrate their competency by plotting completed projects and by maintaining an up-to-date career portfolio.

### **EARLY CHILDHOOD EDUCATION I**

3 Credits – Grades 11 and 12

Early Childhood Education I (ECE I) is designed to begin the process of teaching grades 11 and 12 students the skills required to work with young children. Students study the growth and development of children ages two to five and have the opportunity to assist in the organization and operation of our Childcare Education Center. This is a clinical-based program, which includes a period of lab for applying guidelines for observing, assessing, and interacting with children. Students work directly with young children in designated lab areas and assist with arts and crafts, science, motor skills, dramatic play, block building, housekeeping, reading and math readiness, story time, music and movement activities and snack preparation. Students also assist with the daily clean-up duties for the center. Additionally, students have daily classroom instruction to learn how to enhance a child's social, emotional and intellectual growth and development. The daily instruction presents students knowledge in order to provide children with positive guidance, to observe and assess each child's development, and to plan and implement a variety of learning activities.

### **EARLY CHILDHOOD EDUCATION II**

3 Credits – Grade 11

Early Childhood Education II is a continuation of ECE I with a heightened emphasis on planning and implementation of lessons and activities. Students who return to ECE II are those who are genuinely interested in the field and who wish to prepare for an entry-level childcare worker position or other childhood career opportunities. Students will work to develop portfolios, applications, resumes and will hone their job interviewing skills. Students who enroll in ECE II will be better prepared for occupations in childcare and guidance, foster care/family daycare, and as a teacher assistant. Other related occupations include those in the field of education, health care, and social services.

### **INDUSTRIAL & FARM MECHANICS I**

3 Credits - Grade 11

Industrial and Farm Mechanics I teaches skills to maintain, repair, and overhaul farm machinery, equipment, and vehicles, such as tractors, harvesters, pumps, tilling equipment, trucks, and other mechanized, electrically powered, or motor-driven equipment. Students will examine and listen to machines, motors, gasoline and diesel engines, and equipment for operational defects and dismantle defective units using hand tools. In addition to repairing and/or replacing defective parts, using hand tools and machine tools, welding equipment, grinders, and saws, they will reassemble, adjust, and lubricate machines and equipment to insure efficient operation.

## **INDUSTRIAL & FARM MECHANICS II**

3 Credits – Grade 12

Industrial and Farm Mechanics II reinforces the fundamental skills learned in Farm Mechanics I and includes the installation and/or repair of wiring systems and other electronic systems found on large farm equipment. An OJT (On-the-Job Training) program in April and May gives seniors an opportunity to work with a variety of farm machinery businesses in the area.

### **Other Presque Isle Vocational Programs Include:**

**AGRISCIENCE PROGRAM**

**AUTOMOTIVE TECHNOLOGY**

**BUILDING TRADES**

**BUSINESS TECHNOLOGY**

*See a guidance counselor for course descriptions.*