



Coursebook

Colby High School
2025-2026



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RECOMMENDED COURSES FOR UNIVERSITY OR TECHNICAL COLLEGE ADMISSION

University Admission

Colleges and Universities establish admission standards based on a combination of factors including ACT/SAT scores, class rank, rigor of high school courses taken, grade point average and other factors that the college believes would be a benefit to the school. The following high school courses/credits should be considered the **minimum** for admission to a college or university. Additional information is available in the Student Services office and online. The UW-System maintains the <http://uwhelp.wisconsin.edu> as a source of information for students, parents and other interested parties.

Directions to On-Line applications and additional information may be obtained in the Student Services Office.

UNIVERSITY RECOMMENDED PREPARATORY COURSE WORK

17 college prep credits are the minimum needed for acceptance to a UW-system school.

<u>Subject</u>	<u>Credits</u>
English	4 (emphasis in literature and composition)
Math	4 (Algebra-level courses and above. Lifetime Math is not considered a college prep math course. Technical math is acceptable for a technical college)
Science	3+ (Animal Science and Horticulture are not considered college prep science courses) *Many programs require a minimum of 4 and look at advanced courses.
Social Studies	3+ (Consumer Economics/Personal Finance and Street Law are not Considered college prep social studies courses)
College Prep Electives	4+ (Elective credits can be chosen from additional English, math, science, social studies, foreign language, fine arts, and computer science. Courses of a general nature are generally not accepted as college prep classes. **Some UW-System universities may accept vocational courses for a portion of these four credits).

*Currently, UW-Madison and many other UW system campuses highly recommend 2 credits in a single World Language for admission. It may be a requirement for graduation in many of those campuses.

TECHNICAL COLLEGE ADMISSION

Each technical college establishes its own admission criteria. The admission requirements for the same program differ from technical college to technical college therefore, it is to your advantage to become aware of and understand the policies of each technical college. Since technical colleges grant admission to programs on a first come first serve basis and since many programs have a waiting list (the program is filled) and applicants have to wait until an opening occurs, applying early is essential. NTC and most Wisconsin Technical Colleges will take applications as soon as the junior year is complete, others won't accept applications until a specific date in the senior year. Many have pathways to get set prior to your senior year to be on-track for specific programs. Technical colleges are, in many instances, as challenging as universities and success in a technical college depends on a strong high school background. The following should be considered the minimum credits that need to be earned in each subject area.

Technical College Recommended Preparatory Course Work

<u>Subject</u>	<u>Credits</u>
English	4 (emphasis in work-related writing skills)
Math	4 (especially in the senior year)
Science	3
Social Studies	3
Technical Courses	3-4

Example: business, family and consumer ed., computers, technology, agriculture, health, and financial. For specific information regarding entrance requirements, please see your high school counselor.

Directions to On-Line Applications and additional information may be obtained in the Student Services Office.

Academic Program Guidelines

Schedule Requirements

All full-time students attending Colby High School in grades 9-12 will be required to take at least seven (7) classes per semester.

Academic Program Approval

A counselor and parent or guardian must approve programs of studies.

Dropping/Adding Classes

When a student selects courses during registration, that *student is obligated to complete* that schedule of courses. While students may be allowed to make course changes prior to the start of any semester, *changes in certain courses will not be permitted*. Since courses are offered based on student requests, *a student who selects a class with a low enrollment may not be able to drop that course*.

Approval is required to change any course after the first full week of the semester. Students who drop or are removed from a course at 10 days or more will receive an “F” on their transcript, unless it is waived by the administration.

Schedule changes will be considered if one of the following conditions is met:

1. The course was entered incorrectly by school personnel.
2. The student is not eligible for the course.
3. Schedule change is necessary to enable the student to graduate.
4. Extenuating circumstances including health, injury or other unusual situations.
5. The student failed the first semester of a yearlong course.
6. It is recommended by staff or administration.

Early Graduation Policy

The Early Graduation Program allows seniors who have completed all components of the graduation requirements to graduate at the end of the first semester of their senior year. Students who intend to graduate early must schedule a meeting with an administrator, a counselor and a parent. **Per Colby School Board Policy, this meeting must be scheduled one semester prior to the semester in which graduation is intended.** A window to schedule this meeting will be announced following the first semester of the student’s junior year. Students who graduate early will receive a diploma at the traditional graduation ceremony in the spring.

It should be noted that many post-secondary institutions discourage early graduation, believing students are better prepared for college by taking a full schedule of courses during the senior year of high school.

Recognition of Graduation

Graduation from Colby High School will be recognized by the issuance of a diploma at the graduation ceremony. Students who attend four years of high school but fail to meet the credit requirements will NOT participate in the graduation ceremony.

GRADUATION REQUIREMENTS – 24 CREDITS

Required: 15.5 Credits Electives: 8.5 Credits

Language Arts:

English 9-10-11:

Also .5 credit from the following:

Creative Writing and
Presentation, Multicultural Novels,
Foundations of English, British and
World Literature, Classical Mythology
and Short Stories, UW-English 101,
UW-English 202.

3.5 credits from the following:

1.0 credit each

.5 credit

Communications:

Speech

.5 credit

Social Studies:

Civics

World History

U.S. History or AP US History

3.0 credits from the following:

1.0 credit

1.0 credit

1.0 credit

Personal Finance:

Personal Finance

.5 credit

Science:

Physical Science

Biology

Also 1.0 credit from the following:

Chemistry, AP Chemistry, Physics,

Anatomy & Physiology,

Plant Science/Horticulture,

Basic Animal Science,

Animal Science DC

3.0 credits from the following:

1.0 credit

1.0 credit

1.0 credit

Mathematics:

Choose from the following:

Pre-Algebra,

Algebra I, Algebra II, Geometry,

Lifetime Math, Technical Math

Pre-Calculus, AP Calculus,

Statistics

3.0 credits

Physical Education:

Choose from the following:

Fit Frosh, Food and Fitness,

Lifeguarding, Lifetime Sports

1.5 credits

Health Education:

.5 credit

=15.5 Required

*The Wisconsin State Civics exam must be satisfied prior to graduation.

*The Colby School District may implement an ACP (Academic and Career Planning) component to the graduation requirements.

*The Colby School District may implement a volunteer hours component to the graduation requirements.

***The graduation policy is up for review by the Colby Board of Education. The following items are pending for the 2025-26 school year: credit requirements, ACP, volunteer hours, and academic course requirements. Any changes that are made will be effective for the 2025-26 school year and will be updated in this course book, online, and through policy manuals.**

Co-Curricular Activities

All CHS students are encouraged to get involved in extracurricular student activities. These activities give students a chance to develop interests and skills, meet new people, learn cooperation and teamwork, promote positive and healthy self-esteem, and create memories which will be treasured long after graduation. Research indicates that students who get involved in extracurricular activities will enjoy school more and will maintain, if not increase, grade point average. CHS staff believe that the more students enjoy school, the better the student will perform in all areas of their education.

Fall	Winter	Spring	Year-Long
Cross Country Football Girls' Swim Team Girls' Volleyball	Boys' Basketball Girls' Basketball Wrestling Forensics Madrigals	Baseball Golf Softball Track Forensics	Yearbook Chess Club FBLA FCCLA FFA Masquers (plays and musicals) NHS Skills USA Spanish Club Student Council Magic Club

Weighted Grades

These courses include advanced placement classes, dual credit courses and university and technical college courses. They will be weighted on a 5.0 scale versus the traditional 4.0 scale.

Early College Credit and Start College Now Programs

ECCP: A student in grades 9 through 12 attending a public school in the state will be permitted to enroll in a UW System institution, or a private, non-profit institution of higher education, to take one or more nonsectarian courses, for which the student may earn high school credit, post-secondary credit, or both. Start College Now: A student in grades 9 through 12 attending a public school in the state will be permitted to enroll in a technical college institution to take one or more nonsectarian courses, for which the student may earn high school credit, post-secondary credit, or both. **Deadlines for both are March 1 of the previous year of enrollment. 18 credits is maximum for these programs per student.**

We will also continue to offer dual credit options through the technical colleges.

Career and Technical Education (CTE) Concentrator

In order to be considered a CTE concentrator, a student must have successfully completed two courses in a single area of study specifically, agriculture, technical education, family and consumer science or business.

AP Courses Offered	Dual Credit Course Offered
<ul style="list-style-type: none"> • AP Calculus • AP Chemistry • AP Psychology • AP US History • Statistics 	<ul style="list-style-type: none"> • Intro to Animal Science • Orientation to Agronomy • Intro to Soils • Intro to Business • Principles of Marketing • Accounting • Algebra II • Technical Math • Statistics • Pre-Calculus • AP Calculus • AP Psychology • Anatomy & Physiology • Engineering Design/Solid Works • Advanced Auto • Architectural Drafting/Revit • Graphic Design I • Welding/General Shop • Intro to Education Practices • Intro to Sociology

Four Year Plan Schedules (Required classes listed)

Freshman

1.	English 9	English 9
2.	Civics	Civics
3.	Physical Science	Physical Science
4.	Math: Pre-Algebra Algebra I Algebra II	Math: Pre-Algebra Algebra I Algebra II
5.	Fit Frosh	Speech
6.	Computer Applications	
7.		
8.		

Sophomore

1.	English 10	English 10
2.	World History	World History
3.	Biology	Biology
4.	Math: Algebra I Algebra II Geometry	Math: Algebra I Algebra II Geometry
5.	Health	
6.		
7.		
8.		

Junior

1.	English 11	English 11
2.	U.S. History or AP US History	U.S. History or AP US History
3.	Science elective	Science elective
4.	Math elective	Math elective
5.	Physical Education	Personal Finance
6.		
7.		
8.		

Senior

1.	English Elective	
2.	Physical Education	
3.		
4.		
5.		
6.		
7.		
8.		

AGRICULTURE AND NATURAL RESOURCES

17003

Exploratory Agriculture

Prerequisite: None

One Semester: .5 Credit

Open to Grades 9-10

This class is offered for those intrigued by the agriculture courses, but who want to learn more about the agriculture industry as a whole. This course will provide you with exposure to various areas such as leadership and FFA, agriculture careers, plant sciences, animal sciences, natural resources management, food science and technology. Most people are unaware, but agriculture is the number one industry in the United States. More people are employed in agriculture than any other industry area! The classroom and greenhouse will be used as laboratories for various activities dealing with plants, animals, and all aspects in between. This course is designed to be an introductory course and will not go into a lot of detail in any one area, but instead will provide a broad insight to the various areas within the agriculture industry. This class is a CTE course.

Note: Students may only take ONE of the following two Animal Science courses during high school!

***Basic Animal Science may be taken at grades 9-12. It is not a dual credit class through NTC. Exploratory Agriculture is a prerequisite for this course.**

***Introduction to Animal Science may be taken at grades 11 and 12 only. It is a dual credit class through NTC. It is a weighted class. Either Animal Science class will count as a science credit. Exploratory Agriculture is a prerequisite for this course.**

17323

Basic Animal Science

Prerequisite: Exploratory Agriculture

One semester: .5 Credit

Open to grades 9-12

This course is designed to cover such animal science topics as animal digestive and reproductive systems, feeding, nutrition, genetics, animal behavior, careers and animal rights/welfare.

This class is a CTE course.

** This class has been approved as a science equivalent course by the DPI and is also listed in the science and dual credit sections.*

17513

Introduction to Animal Science (NTC DUAL CREDIT)

Prerequisite: Exploratory Agriculture

One semester: .5 Credit

Open to grades 11-12

This course will take an in-depth look at various animal science topics including animal digestive and reproductive systems, feeding, nutrition, genetics, animal behavior, careers and animal rights/welfare. This college-readiness course will include more challenging bookwork and will focus on post-secondary education skills and techniques. This is a class for serious agriculture students.

This class is a CTE course.

NOTE: The Introduction to Animal Science class has been approved as a dual credit class through NTC.

This course will transfer to NTC class 10-091-104 "Intro to Animal Science."

** This class has been approved as a science equivalent course by the DPI and is also listed in the science and dual credit sections.*

17423

Veterinary Science/Domestic Animal Care

Prerequisite: None

One semester: .5 Credit

Open to Grades 9-12

Do you love animals and enjoy working with them? This class will focus on companion animals and the knowledge required to properly care for them, as well as exploring parts of the veterinary field by learning basic veterinary terminology and identifying veterinary equipment. This course will explore and review animal physiology and anatomy, animal handling, breeds, veterinary terminology, animal rights and animal welfare. Animals covered will include: dogs, cats, horses, rodents, birds, and others you may find at your home. Learn how to handle and restrain various animals, give a basic physical examination, suture injuries, give vaccinations, and more. This class is a CTE course.

17113

Plant Science/Horticulture

Prerequisite: Exploratory Agriculture

One semester: .5 Credit

Open to Grades 9-12

If you like growing and working with plants, this is the class for you! Students will begin diving into plant science basics such as parts, functions, common types, and more! This one semester course involves learning about many aspects of the horticulture industry, beginning from seed germination and ranging to include the marketing and selling of mature annual plants. We will take advantage of the greenhouse and explore gardening practices as well as floriculture do's and don'ts. Not only will we be working in the greenhouse, but students will also gain hands-on experience with beautification of grounds and indoor landscaping. This class is a CTE course.

**This class has been approved as a science equivalent course by the DPI and is also listed in the science section.*

17563

Wildlife & Natural Resources

Prerequisite: None

One semester: .5 Credit

Open to grades 9-12

If you appreciate the outdoors and enjoy using natural resources (fishing or hunting) this class can give you a better understanding of our wildlife and natural resources and how we use/care for them. Topics include wildlife management, taxidermy, ecology, water resources and pollution, forestry management, and land management. Built around hands-on projects, this class will spend time in the school forest and work with our hobbies that could turn into future careers. This class is a CTE course.

17583

Orientation to Agronomy (Crops) (NTC DUAL CREDIT)

Prerequisite: None

One semester: .5 Credit

Open to grades 11-12

This class features crops grown in Wisconsin. Topics include corn, small grains, forages and a special unit on weeds and pests. Students will learn about seed selection, soil/climate needs, basic management and insect/disease control. Speakers and special projects will also be included.

This class is a CTE course.

NOTE: The Orientation to Agronomy class has been approved as a dual credit class through NTC.

This course will transfer to NTC class 10-093-101 "Orientation to Agronomy."

17683

Introduction to Soils (Soils)
(NTC DUAL CREDIT)

Prerequisite: None

One semester: .5 Credit

Open to grades 11-12

Soil is a resource that we depend on in many ways. This class focuses on the way we rely on soil and the complexity of this resource. Topics include basic soil and plant relationships, soil properties, erosion, nutrients, organisms and classification. Speakers and special projects will also be included.

This class is a CTE course.

NOTE: The Introduction to Soils class has been approved as a dual credit class through NTC.

This course will transfer to NTC class 10-093-102 "Introduction to Soils."

BUSINESS

15153

Introduction to Business (NTC DUAL CREDIT)

Prerequisite: None

One Semester: .5 Credit (Weighted Course)

Open to Grades 10-12

Introduces learners to the evolution of business and entrepreneurship. Learners analyze global, ethical, and legal environments of business, explore the human side of business and examine the functional approach to information technology, marketing, human resource management, operations management and finance. This class is a CTE course.

NOTE: The Introduction to Business class has been approved as a dual credit class through NTC.

This course will transfer to NTC class 10-102-124 "Introduction to Business." Additional work may be required.

15163

Employability Skills

Prerequisite: None

One Semester: .5 Credit

Open to Grades 9-12

This course is strongly recommended for all students, especially those who will be doing youth apprenticeship.. This is not a course for those planning on going into a business career! This course is designed to help all students gain the knowledge and skills necessary to have a successful job, career, and help make the transition into the adult working world. The major goal is to develop desirable personality traits and characteristics essential for success in the working world and to stimulate desirable attitudes toward work. Topics covered include resume and interview skills, work attitude, employer expectations, business manners, time management, and dressing for success. ***This course is a prerequisite for anyone enrolling in Youth Apprenticeship or School to Career.***

15243

Principles of Marketing (NTC DUAL CREDIT)

Prerequisite: None

One semester: .5 Credit (Weighted Course)

Open to Grades 10-12

Introduces an understanding of basic marketing fundamentals. The learner will explore consumer demographics, lifestyle and decision making; evaluate product distribution; promotions and price planning. The learner will create a Strategic Marketing Plan combining the components listed and develop a presentation. This class is a CTE course.

NOTE: The Principles of Marketing class has been approved as a dual credit class through NTC.

This course will transfer to NTC class 10-104-172 "Marketing Principles." Additional work may be required.

15253

Sports/Entertainment Marketing

Prerequisite: None

One semester: .5 Credit

Open to Grades 10-12

This course will give you a real-world understanding of how marketing concepts and theories are applied to the huge industry of Sports and Entertainment including Hospitality and Tourism. This is a project-centered course. Some topics covered are putting the customer first, the wide world of sports and entertainment, sports and promotion and selling, legal issues in sports and entertainment marketing. You will be introduced to individuals that have careers in the Sports and Entertainment and Hospitality and Tourism industry. This class is a CTE course.

14403**Personal Finance**

Prerequisite: none
One Semester: .5 Credit
Open to Grades 11-12

Personal Finance is designed to prepare students for the real economic world they will face upon graduation. A strong foundation of financial literacy can help support various life goals, such as saving for education or retirement, using debt responsibly, and running a business. Key aspects to financial literacy include knowing how to create a budget, plan for retirement, manage debt, and track personal spending. Topics that will be covered are financial mindset, how education and employment have a role in your personal finances, money management, saving and investing, credit and debt, risk management and insurance. This class is required for graduation. This class is a CTE course.

15211-15212**Accounting
(NTC DUAL CREDIT)**

Prerequisite: Pre-Algebra or Algebra 1
One Year: 1 Credit (Weighted Course)
Open to Grades 10-12

Introduces accounting concepts and financial statements for sole proprietorships. Learners analyze and record routine transactions, adjusting entries, and closing entries. Learners prepare the Income Statement, Statement of Owner's Equity, and the Balance Sheet from the financial records they create for service and merchandising businesses. Covers accounting for sales, inventory, cash, and receivables. This class is a CTE course.

NOTE: The Accounting class has been approved as a dual credit class through NTC.

This course will transfer to NTC class 10-101-111 "Accounting I." Additional work may be required.

15343**Entrepreneurship and Management**

Prerequisite: None
One Semester: .5 Credit
Open to Grades 11-12

Entrepreneurship and Management teaches students how to use business principles in order to develop a successful business and kindle and entrepreneurial spirit that will help students follow their dreams and reach their goals. Whether they want to start their own money-making business or create a nonprofit to help others, this course helps students develop the core skills they need to be successful in launching and planning a business. Students will explore entrepreneurial opportunities. Students will apply the five business management principles of planning, organizing, staffing, leading and controlling. The course will build on cross-curricula academic skills, by integrating inquiry-based learning and business tools that will enable students to analyze, create and develop a small business. Students learn how to come up with new business ideas, attract investors, market their business and manage expenses. This class is a CTE course.

15333**Computer Applications**

Prerequisite: None
One Semester: .5 Credit
Open to Grades 9-12

Students will participate in a comprehensive exploration of Microsoft Office products such as Word, Excel, and PowerPoint. These units will include lessons on creating professional documents, analyzing data, giving exceptional presentations, graphic design, and more. Students will develop technical skills that will apply to their educational and professional journey. In addition, students will discover a variety of Google applications and identify how to use them to collaborate with others, complete academic research, and more. Throughout Computer Applications, students will continue to develop their Academic Career Planning Portfolio.

ENGLISH

10121-10122

English 9

Prerequisite: None
One year: 1 Credit
Grade 9 Required

Focus will be on the plot elements of the short story, novel and drama, exploring basic techniques and literary elements. Informational readings will provide historical and analytical background. Students will learn and review new vocabulary words and grammar skills. Content readings will teach skills on identifying main and supporting ideas, as well as learning how to infer. Thematic units will culminate with PowerPoints, speeches, and/or a research or persuasion paper. Moodle and blended classroom work will supplement classroom learning.

10231-10232

English 10

Prerequisite: None
One year: 1 Credit
Grade 10 Required

English 10 will expand on the techniques used in the genres of short story, drama and novels, with a more intensive focus on understanding character motivation, how writing techniques enhance the works, and how themes connect the genres. Nonfiction readings will focus on how ideas are communicated to recall or inspire. A career will be researched via online research, personal interview, on-site speakers and a higher education site tour. Students will use notecards and MLA citations to write an extensive research paper on their findings.

10311-10312

English 11

Prerequisite: None
One year: 1 Credit
Grade 11 Required

American literature is the study of the subject from Puritan times to the 20th century. Major American authors, short stories, poems, plays, and books are included in this course of study. There will be major emphasis on essay and persuasive writing. Students also use research techniques to become proficient in the use of the MLA citation format.

10153

Speech

Prerequisite: None
One semester: .5 Credit
Open to Grades 9-12
This class meets the communications requirement.

Speech I studies the basic process of communication. The first part of the semester will encompass background information on why and how oral communication occurs and is an integral part of the communication process. The second half of the semester will encompass public speaking situations, listening skills, interpersonal communication, and parliamentary procedure.

10453

Creative Writing and Presentation

Prerequisite: None
One semester: .5 credit
Open to Grades 10-12

Designed to allow students an opportunity to express their thoughts through writing short stories, poems, and one-act plays. Class time will include teaching techniques, peer editing and class discussion as different styles of writing are explored. The format will include daily writing of individual and group projects, along with analytical reading of the craft of published writers. The semester will culminate with a printed book of work for a portfolio, as well as a presentation of the one act plays directed by the authors and performed in the school theatre for public attendance.

10413**Classical Mythology & The Short Story**

Prerequisite: English 9, with a grade of B+ or higher to take the class as a sophomore.

One Semester .5 Credit

Open to Grades 10-12

This class will study the evolution of the short story from its beginning stages to its recognition as a genre in the 19th C. Contrasts and comparisons will be made with the earlier story forms and the contemporary, as we study styles (such as Southern Gothic) and 20th C. techniques (the epiphany, static and dynamic characters) that make the stories unique. One quarter will be spent on the Greek gods to learn their role in story writing, and how literature (specifically *The Odyssey*) developed with the incorporation of their tales. Students will culminate the semester with the writing of their own short story.

10423**Multicultural Novels**

Prerequisite: English 10

One Semester .5 Credit

Open to Grades 11-12

Novels of ethnic and cultural diversification will be read, studied and compared, with discussions, mini-essay quizzes and a culminating analytical essay. Focus will be on the classics, including *The Good Earth*, *Fahrenheit 451*, and works by and about Chinese, Japanese, African, Hispanic, Korean, Russian, and Indian cultures.

10433**British and World Literature**

Prerequisite: English 10

One Semester .5 Credit

Open to Grades 11-12

Study will include the development of the English language and literature through the historical and literary eras, with supplemental readings and research on the historical events that promoted the style of writing and influenced the language used. Focus will start with the Anglo-Saxon period through the Victorian era. Literary essays will supplement the fictional readings.

10241-10242**Student Publications**

Prerequisite: Successful completion of English 9 with a C or better or with instructor approval.

5. credit for One Semester or 1.0 credit for Two Semesters (One Year)

In Student Publications, we manage various real-world projects, including weekly social media posts for the school district, a monthly newsletter ("Hornet Highlights"), and the design, marketing, and distribution of Colby High School's yearbook. Through these tasks, students gain hands-on experience in social media marketing, deadline management, professional writing, peer feedback, photography, digital design, and journalistic writing. This course requires students to have a high interest in writing. The course provides students an opportunity to improve their writing, editing, verbal and cooperation skills. In the course of the class, students will be required to report, write, take photos, organize, layout and distribute the newspaper. At such a high level of production, cooperation and a strong work effort is needed; students who fall below a "C" at the end of the semester will be asked to drop the class. A major portion of the grade is based on quality of writing, ability to work under time constraints, as well as participation and effort toward production. Out of class time or after school time may be necessary.



105101

UW English 101

(DISTANCE LEARNING COURSE)

Prerequisite: Placement Test (see counselor).

Online special student application and submission of transcripts.

One Semester: DUAL CREDIT .5 CHS credit – 3.0 university credits

(Weighted Course)

Open to Grade: 12

Critical reading, logical thinking, and effective writing. Write frequently in and out of class, using specific rhetorical strategies for a variety of purposes and audiences.

105202

UW English 202

(DISTANCE LEARNING COURSE)

Prerequisite: Placement Test (see counselor).

Online special student application and submission of transcripts.

One Semester: DUAL CREDIT .5 CHS credit – 3.0 university credits

(Weighted Course)

Open to Grade: 12

Analytical reading and writing and the methods of inquiry common to various academic disciplines. Write frequently in and out of class, using suitable sources of information and appropriate documentation methods.

ENGLISH LANGUAGE LEARNERS-LANGUAGE ARTS

***Students will be assigned the following classes per the EL teacher and the counselor. ACCESS or WIDA Screener scores will be used as part of the course selection process.**

20003-20004

EL LA A1

This course is for students who are new to the country (have been in the U.S. for a year or less), and/or have an ACCESS or WIDA Screener score of 1 - 1.5. **Students will be assigned to this class by the EL teacher and counselor.** In this class students will learn basic concepts of the English language in oral, and written forms. Students will be able to express basic wants and needs. Students will also be using software to help increase their language skills.

20024-20025

EL LA A2

This course is for students who are new to the country (have been in the U.S. less than 2 years), and/or have an ACCESS or WIDA Screener score of less than 2.0. Or have taken and passed ELL A1. **Students will be assigned to this class by the EL teacher and counselor.** In this class students will continue to learn basic concepts of the English language in oral, and written forms. Students will also be using software to help increase their language skills.

20028-20029

EL LA A3

This course is for students who have an ACCESS or WIDA Screener score of less than 2.5. Or have taken and passed ELL A1, and ELL A2. **Students will be assigned to this class by the EL teacher and counselor.** In this class students will continue to develop their skills of the English language in oral, and written form. Students will also be using software to help increase their language skills.

20021-20022

EL LA B1

This course is for students who have an ACCESS or WIDA Screener score of less than 3.0 and have struggled in their regular ELA classroom in the past. Or have taken and passed ELL A2. **Students will be assigned to this class by the EL teacher and counselor.** In this class students will continue to develop their skills of the English language in oral, and written form.

20026-20027

EL LA B2

This course is for students who have an ACCESS or WIDA Screener score of less than 3.7 and have struggled in their regular ELA classroom in the past. Or have taken and passed ELL B1. **Students will be assigned to this class by the EL teacher and counselor.** In this class students will continue to develop their skills of the English language in oral, and written form.

FAMILY AND CONSUMER SCIENCE

19103

Food & Nutrition 1

Prerequisite: None

One Semester: .5 Credit

Open to Grades 9-12

Food & Nutrition is designed for students who want a basic knowledge of nutrition, food and food preparation. Units include use of ranges, microwave cooking, quick breads, fruits, egg cookery, pizzas, meal preparation and nutrition. Students work in groups to prepare a variety of foods for each unit. Special emphasis is on safety, use and care of equipment, sanitation, time management and wise use of resources. This class is a CTE course. Students will be charged a fee of \$20.00 per class to cover the cost of this course.

19123

Food & Nutrition 2

Prerequisite: C- or better in Food & Nutrition 1 (Formerly Basic Food)

One Semester: .5 Credit

Open to Grades 9-12

Learn what it takes to develop advanced food preparation skills and make smart choices for your family's well-being. This course is designed to build upon the knowledge learned in the Food & Nutrition 1. Students will explore: soups, sauces, baking, meal planning, knife skills, how to successfully prepare nutritious family meals with various meats and vegetables and more. This class is a CTE course. Students will be charged a fee of \$20.00 per class to cover the cost of this course.

19133

World Culture & Cuisine

Prerequisite: C- or better in Food & Nutrition 2 (Formerly Advanced Foods)

One Semester: .5 Credit

Open to Grades 10-12

The focus of World Culture & Cuisine is on food as it relates to society and the world, with special emphasis on career and vocational opportunities. Units include: use and care of small appliances, dietary needs throughout the life cycle, food technology, additives, labeling, convenience foods, ethnic foods and hospitality. A food-marketing project is included and a field trip taken with money earned. The major work in this class involves group and individual projects using a combination of food labs as well as written and oral reports. This class is a CTE course. Students will be charged a fee of \$20.00 per class to cover the cost of this course.

19143

Baking & Pastry Arts

Prerequisite: C- or better in Food & Nutrition 2 (Formerly Advanced Foods)

One Semester: .5 Credit

Open to Grades 10-12

This course is designed for students who love to bake! Using the knowledge and skills gained in Food & Nutrition 1 and 2, students will explore the scientific principles and specific techniques that are needed in making any baked good. We will prepare items such as cakes, cookies, pastries, pies, savory baked goods and a variety of breads. We will also delve into the art of basic cake decorating. This class is a CTE course. Students will be charged a fee of \$20.00 per class to cover the cost of this course.

19213***Fashion and Interior Design***

Prerequisite: None
One Semester: .5 Credit
Open to Grades 9-12

This course begins with a project researching the History of Fashion. We look at the four major body shapes and how they influence what we wear. Using the elements of principles of design, we design patterns. The class has a short unit on fashion designers and figure analysis. Interior Decorating covers both housing and home interiors concepts. Housing concepts taught in this course include: buying and renting a home, homes of the future, furniture selection, styles and arrangement, fireplaces and home heating systems, individual room study (bathroom, kitchens), floor covering and home storage. Emphasis is on new housing technology inside and outside the home. This class is a CTE course.

19203***Parents and Children***

Prerequisite: None
One Semester: .5 Credit
Open to Grades 10-12

Parenting is a one-semester class designed to study concepts related to parents and children in today's society. A wide variety of topics are explored including reasons people have children, adoption, foster care, family forms, reproductive options, pregnancy, childbirth, infant and child care, including physical, social, intellectual and emotional development. Special emphasis is given to readiness and responsibilities of parenting, communication and discipline skills. Other areas of study include special needs children, abuse, single parenting, and childcare outside the home and career opportunities. Developing effective and nurturing parenting skills is the major goal of this course. This class is a CTE course.

20323***Food & Fitness***

Prerequisite: Fit Frosh
One Semester: .5 Credit towards PE
Open to Grades 10-12

This class will have an applied/integrated approach that combines physical education and the foods area of family and consumer education. The course will include exercise programs, nutritional issues including sports nutrition, diabetes, heart disease, allergies, eating disorders, and life cycle concerns. It is an opportunity for students to use technology, physical activity, food preparation and health related information to determine their overall wellness and to develop life-long fitness habits. Students will set short and long term goals for individual diet and fitness and complete fitness journals. Current trends, global issues and career opportunities in the food and fitness industry will be discussed. This course fulfills .5 credit of physical education and is offered to 10-12 grades.

NOTE: This class is also listed in the Physical Education section.

FINE ARTS (ART & MUSIC)

ART

18103

Visual Studies I

Prerequisite: none
One Semester: .5 Credit
Open to Grades 9-12

This elective course is an introduction to the world of visual art and all of the other art courses offered at Colby High School. Students will experiment with drawing, ceramics, graphics, painting, sculpture, and comic art projects. Students will learn about elements of art and various periods of art history. Students may have to purchase some supplies.

18263

Visual Studies II

Prerequisite: Visual Studies I or be a junior or senior
One Semester: .5 Credit
Open to Grades 9-12

This elective course is a continuation of visual studies and will build on the skills learned in Visual Studies I. This is primarily a drawing course, but students may also work with ceramics and sculpture, painting, and cartooning.

18273

Visual Studies III

Prerequisite: Visual Studies I & II or be a junior or senior
One Semester: .5 Credit
Open to Grades 10-12

This elective class will concentrate on two-dimensional art, drawing, design and painting. This is a great class for students who enjoy art and wish to make meaningful and engaging artworks. This class focuses on student choice and setting personal goals.

18753

Advanced Art Independent Study

Prerequisite: Completion of all visual studies courses.
One Semester: .5 Credit
Open to Grades 11-12

Upon completion of visual studies, I, II and III, students may take an independent study. In this class, students will decide, along with the instructor, the chosen course of study. Independent study classes are designed for students who are serious about art. This class was designed for students to develop a portfolio for college. It is also for students to develop a body of work for a senior show.

18123

Painting

Prerequisite: Visual Studies I
One Semester: .5 Credit
Open to Grades 9-12

This class will concentrate on techniques of painting using watercolors, acrylics, and combinations of paints. Students will be charged a fee of \$20.00 per class to cover the cost of this course.

18233

Comic Art

Prerequisite: Visual Studies I
One Semester: .5 Credit
Open to Grades 9-12

Students will be introduced to the art of comics. Students will invent original characters and comic strips, panels, and pages. In the process, they will be taught the drawing techniques used to develop successful comic books.

18323

Art & Metal Design

Prerequisite: Visual Studies I & Metals I

One semester: .5 credit

Open to Grades 11-12

This class will focus on the artistic design of metal. Projects will include wall hangings, lawn ornaments; plasma cut pieces and sculptures. Students will learn how to design, fabricate and weld pieces to create art. Students will be trained on how to operate machinery in the metal shop and learn proper shop safety before creating any projects. Students will be charged a fee of \$20.00 per class to cover the cost of this course.

NOTE: This class is also listed in the technology education section.

18231

Ceramics & Sculpture

Prerequisite: Visual Studies I

One Semester: .5 credit

Open to Grades 9-12

This class will focus on techniques of working with clay, including hand-building methods and the potter's wheel. Students will start the semester with the very basic techniques/projects and will develop towards more advanced techniques/projects. Students will be charged a fee of \$20.00 per class to cover the cost of this course.

MUSIC - INSTRUMENTAL

18141-18142

High School Band

Prerequisite: MS Band or director discretion

One Year: 1 Credit or One Semester: .5 credit

Open to Grades 9-12

Band students study music fundamentals and performance techniques. Performance opportunities include required concerts, parades, and pep band at athletic events, half-time shows and Solo & Ensemble Festivals.

18151-18152

Show/Jazz Band

Prerequisite: Prepared Audition

One Year: 1 Credit or One Semester: .5 credit

Open to Grades 9-12

This class will provide instruction time and credit for students to learn the current years show choir music and explore the genre and music of jazz. Show band is made up of approximately 15 musicians selected through auditions in February/March. The ensemble will perform technically advanced music in both popular and classical musical styles as well as strengthening your music literacy skills. Outside combined rehearsals are mandatory. Concerts, Show Choir Festivals and Solo and Ensemble are activities of this ensemble. All concerts and competitions throughout the year are required.

MUSIC - VOCAL

18161-18162

Mixed Chorus

Prerequisite: None

One Year: 1 Credit or One Semester: .5 Credit

Open to Grades 9-12

Mixed Chorus is intended to further skill development culminating in performances throughout the year as well as strengthening your music literacy skills. Performances include the National Anthem at Homecoming, the Pops Concert in October, the Madrigal Dinners in December and the Spring Concert in May. Additionally, there is Solo and Ensemble (optional). Large Group Festival (mandatory) and the opportunity to be nominated for All-Conference Choir in January (select students).

18171-18172

Treble Choir

Prerequisite: Prepared Audition

One Year: 1 Credit

Open to Grades 9-12

Treble Choir is a skill development oriented performance class. It is intended for the less experienced singer. You will also be developing music literacy and performance skills. Performances include the National Anthem at Homecoming, the Pops Concert in October, the Madrigal Dinners in December and the Spring Concert in May. Additionally, there is Solo and Ensemble (optional). Large Group Festival (mandatory) and the opportunity to be nominated for All-Conference Choir in January (select students).

18181-18182

Show/Chamber Choir

Prerequisite: Prepared Audition

One Year: 1 Credit

Open to Grades 9-12

Show Choir is comprised of approximately 40 singers selected through auditions in February/March. The ensemble will perform technically advanced music in both popular and classical musical styles as well as strengthening your music literacy skills. Outside choreography rehearsals are mandatory. Performances include the National Anthem at Homecoming, the Pops Concert in October, the Madrigal Dinners in December, the Show Choir Showcase in April, the Spring Concert in May as well as four to six show choir competitions during the winter season in various locations around the state or country (including hosting a competition). Additionally, there is a Solo and Ensemble (optional), Large Group Festival (mandatory) and the opportunity to be nominated for All-Conference Choir in January (select students). A minimum of two vocal tests per grading period and all concerts throughout the year are required. There is a \$175 flat fee to participate in this group to help defer the cost of the costuming for students.

18193

History of Rock and Roll

Prerequisite(s): None (a student does not need to be enrolled in a music class to take this course)

One Semester: .5 Credit

Open to Grades 9-12

This course will introduce students to the History of Music: Rock and Roll. Students will learn where rock music started, how it emerged and evolved, its highs and lows, its outlaws and visionaries, and how it changed social history. Students will get a chance to explore many of the revolutionary artists who defined rock 'n' roll, as well as the one hit wonders in genres from rockabilly to psychedelia, punk, metal, pop, country rock and beyond. This is a listening intensive course also. Part of the work will be to develop critical listening skills and project-based learning.

WORLD LANGUAGE

11101-11102

Spanish I

Prerequisite: None
One Year: 1 Credit
Open to Grades 9-12

Enjoy the expression of conversation in Spanish. Students work on oral practice and listening comprehension, as well as the development of reading and writing skills. Topics include family, friends, sports, food, school, clothing, and weather. Featured cultures include Mexico City, Puerto Rico, and Hispanics living in the US.

11201-11202

Spanish II

Prerequisite: Spanish I
One Year: 1 Credit
Open to Grades 10-12

As students continue their studies of the language, they develop conversational, writing, reading and listening skills. Topics include city life; shopping; restaurants; daily routines; planning a party; talking about houses; and professions. Featured cultures include Mexico, Spain, and Ecuador.

11301-11302

Spanish III

Prerequisite: Spanish II
One Year: 1 Credit
Open to Grades 11-12

Students increase proficiency in all aspects of the language – speaking, reading, writing, and cultural awareness. Topics include talking about childhood experiences; family relationships and celebrations; health and fitness; daily routine and personal care; beach activities; chores; health problems; travel plans; rooms, furniture, appliances; the environment; and outdoor activities. Featured cultures include Mexico, Puerto Rico, Costa Rica, and Ecuador.

*See Note

11401-11402

Spanish IV

Prerequisite: Spanish III
One Year: 1 Credit
Open to Grade 12

As students continue to gain knowledge and appreciation of the language and the Spanish-speaking cultures, they use critical thinking to perform many tasks in the language. Level IV students approach fluency by discussing current events in Spanish; making presentations to the class; and using many authentic documents from the Hispanic world. Spanish is used almost exclusively in class by the students and the instructor.

*See Note

**Note: After completing Spanish III and IV, students should have the ability to either test out of college foreign language entrance requirements, or to place into more advanced level college foreign language courses, therefore earning retroactive credits.*

MATHEMATICS

13101-13102

Pre-Algebra

Prerequisite: None

One Year: 1 Credit

Open to Grades 9-12 (required if not taking Algebra I)

The course focuses on integers, one- and two-step equations, inequalities and proportional relationships. Students will extend their skills learned in middle school and begin to learn algebra concepts that service as a transition into formal Algebra and Geometry.

13111-13112

Algebra I

Prerequisite: None

One Year: 1 Credit

Open to Grades 9-12 (required if not taking Pre-Algebra)

A basic algebra course exploring functions, number properties, solving simple open sentences along with verbal problems, graphing, factoring and combining algebraic expressions for problem solving use.

13221-13222

Algebra II **(NTC DUAL CREDIT)**

Prerequisite: Algebra I

One Year: 1 Credit (Weighted Course)

Open to Grades 9-12

The course reviews Algebra I concepts, along with studying techniques to solve more complex open sentences, exponentials, complex numbers, conic sections, relations, functions, matrices, polynomials, quadratics, solving verbal problems, and problem solving. *Students taking Algebra I as an eighth grader may take Algebra II as a ninth grader.*

*Students who take Algebra II and Geometry concurrently should have a minimum GPA of 2.0 in Algebra I or instructor approval.

NOTE: The Algebra II class has been approved as a dual credit class through NTC.

This course will transfer to NTC class 10-804-118 "Intermediate Algebra with Applications."

13241-13242

Geometry

Prerequisite: Algebra I

One Year: 1 Credit

Open to Grades 10-12

The course will introduce logical reasoning methods, geometric properties in two and three dimensions and geometric properties related to algebraic concepts.

*Students who take Algebra II and Geometry concurrently should have a minimum GPA of 2.0 in Algebra I or instructor approval.

13251-13252

Technical Mathematics **(NTC DUAL CREDIT)**

Prerequisite: Algebra I & Geometry

One Year: 1 Credit (Weighted Course)

Open to Grades 11-12

This class focuses on the fundamental concepts of arithmetic, including fractions and decimals, algebra, including rearranging formulas, solving systems of linear and quadratic equations; geometry, including graphing and measurement and trigonometry. Students entering technical trade programs need to know these concepts.

NOTE: The Technical Math class has been approved as a dual credit class through NTC.

This course will transfer to NTC class 31-804-305 "Applied Mathematics."

13231-13232**Lifetime Math**

Prerequisite: Algebra I

One Year: 1 Credit

Open to Grades 11-12

This course will cover the mathematics behind everyday situations with an emphasis on percentages. Some of the topics to be covered will be gross pay, net pay, banking services, credit cards, mortgages, buying a car, insurance, investments and business costs.

13401-13402**Statistics
(NTC DUAL CREDIT)**

Prerequisite: Successful completion of Algebra II and Geometry

One Year: 1 Credit (Weighted Course)

Open to Grades 10-12

Students taking statistics will display data with graphs, describe distributions with numbers, perform correlation and regression analyses and use probability and distributions to make predictions, estimate parameters and test hypotheses.

NOTE: The Statistics class has been approved as a dual credit class through NTC.

This course will transfer to NTC class 10-804-189 "Introduction to Statistics."

NOTE: Students will have the opportunity to take the Advanced Placement (AP) test for this course.

13301-13302**Pre-Calculus
(NTC DUAL CREDIT)**

Prerequisite: Algebra II and Geometry

One Year: 1 Credit (Weighted Course)

Open to Grades 10-12

This is a pre-college course covering polynomial equations and inequalities, analytic geometry, sequence and series, vectors, functions and their graphs, exponential and logarithmic functions, complex numbers and trigonometry.

*Students who take Pre-Calculus should have a minimum GPA of 3.0 in both Algebra II and Geometry or instructor approval.

NOTE: The Pre-Calculus class has been approved as a dual credit class through NTC.

This course will transfer to NTC class 10-804-195 "College Algebra with Applications."

13601-13602**AP Calculus
(NTC DUAL CREDIT)**

Prerequisite: Pre-Calculus (Formerly Advanced Math) with a minimum GPA of 3.0 or instructor approval.

One Year: 1 Credit (Weighted Course)

Open to Grades 10-12

The course will cover real numbers, functions, graphs, limits and continuity, the derivative and differentiation, extreme function values, techniques of graphing, the definite integral and integration, and applications of the definite integral. *Students taking this class should also take a study hall.

In the spring, students will be given the opportunity to take the Advanced Placement Test to receive college credit.

Payment for the test will be the responsibility of the student.

NOTE: The Calculus Math class has been approved as a dual credit class through NTC.

This course will transfer to NTC class 10-804-198 "Calculus I."

PHYSICAL EDUCATION/ HEALTH

20113

Fit Frosh

Prerequisite: None

One Semester: .5 Credit

Open to Grades 9 Required

In this course, students will acquire the knowledge, skills, and self-confidence they need to participate in a wide variety of physical activities. Students are continuing to build the skills introduced to them in previous grades in physical education. Students will be prepared for class and participate to their ability in skill work, fitness testing, and game situations. Students will develop the skills needed to perform lifelong physical activities. Students are required to demonstrate responsible social behaviors that promote personal and group success in physical activity. Assessments will be given in written, oral, and physical form of each of the content areas. Physical Education classes will engage in the following activities: swimming, softball, flag football, soccer, pickleball, badminton, basketball, weight training, volleyball, and lacrosse. This class is required before taking Lifetime Sports.

20313

Lifetime Sports

Prerequisite: Fit Frosh

One Semester: .5 Credit

Open to Grades 11-12

In this course, students will acquire the knowledge, skills, and self-confidence they need to participate in a wide variety of physical activities. Students are continuing to build the skills introduced to them in Fit Frosh. Students will be prepared for class and participate to their ability in skill work, fitness testing, and game situations. Students will develop the skills needed to perform lifelong physical activities. Students are required to demonstrate responsible social behaviors that promote personal and group success in physical activity. Assessments will be given in written, oral, and physical form of each of the content areas. Physical Education classes will engage in the following activities: swimming, softball, flag football, soccer, pickle ball, badminton, basketball, weight training, volleyball, golf, archery, Frisbee golf, ultimate Frisbee and lacrosse. Prerequisite of passing Fit Frosh before taking. Must be a junior or senior and can only take once per year unless needing both semesters in the senior year only.

A Junior or Senior may only take Lifetime Sports one time each year unless he/she needs the required graduation credits.

20323

Food & Fitness

Prerequisite: Fit Frosh (May be taken concurrently with Fit Frosh)

One Semester: .5 Credit

Open to Grades 10-12

This class will have an applied/integrated approach that combines physical education and the foods area of family and consumer education. The course will include exercise programs, nutritional issues including sports nutrition, diabetes, heart disease, allergies, eating disorders, and life cycle concerns. It is an opportunity for students to use technology, physical activity, food preparation and health related information to determine their overall wellness and to develop life-long fitness habits. Students will set short and long term goals for individual diet and fitness and complete fitness journals. Current trends, global issues and career opportunities in the food and fitness industry will be discussed. This course fulfills .5 credit of physical education and is offered to 10-12 grades.

NOTE: This class is also listed in the Family and Consumer Education section.

20214

Lifeguarding Training
OFFERED AS SUMMER SCHOOL SESSION ONLY

Prerequisite: Must be 15 years old

One Semester: .5 Credit

Limit 12 students per session

Fee: \$100

The American Red Cross Lifeguarding program provides future lifeguards with skills and knowledge necessary to keep patrons of aquatic facilities safe in and around the water. This course includes a lifeguard-training course with aquatic-specific first aid and CPR. It also offers a choice of environment-specific lifeguarding modules with advanced prevention and resuscitation skills to meet the training needs of aquatic facilities and their staff. \$100 fee (includes materials) and must be 15 years old. Students must pass the American Red Cross written and skills certification requirements to receive credit. **Summer school only.**

20103

Health

Prerequisite: None

One Semester: .5 Credit

Required for 10th Grade

Health is a one-semester required class that will fulfill the .5 credit for graduation as required by the Department of Public Instruction. This course will teach students the information and skills they need in order to become health literate, maintain and improve health, prevent disease, and reduce health-related risk behaviors. Through this course, students will demonstrate effective communication by expressing knowledge, beliefs, and ideas. They will achieve critical thinking by being able to evaluate information from reliable sources before making a decision. Students will also become self-directed learners by gathering and using health knowledge. Finally, students will become responsible citizens by choosing behaviors that are healthful, safe, legal, respectful of self and others, and demonstrate character. The content areas include: Fitness, Mental and Emotional Health, Community and Consumer Health, Nutrition, Family and Social Health, Human Growth and Development, Communicable and Chronic Diseases, Substance Use and Abuse, and Injury Prevention and Safety

NOTE: The Health requirement is fulfilled in the sophomore year of high school. It does not satisfy a PE requirement.

SCIENCE

12101-12102

Physical Science

Prerequisite: None
One Year 1 Credit
Grade 9 Required

A practical and activity-oriented study of physical and chemical science concepts, to include the study of matter, energy and motion. Emphasis the first semester is on chemistry and the second semester emphasizes the study of physics.

12201-12202

Biology

Prerequisite: None
One Year: 1 Credit
Grade 10 Required

Biology is the study of life processes and this class covers some of the unifying concepts and themes. They include: energy and the maintenance of living systems, the cell and its processes, human inheritance, organizational grouping of living organisms, relationships in living systems and the nature of science.

12301-12302

Chemistry

Prerequisite: Physical Science and Algebra I.
One Year: 1 Credit
Open to Grades 10-12

Chemistry students study the structure and composition of materials and the changes which take place in them. This course is essential for anyone who wants a basic understanding of their world. May be taken concurrently with Biology.

12601-12602

AP Chemistry

Prerequisite: Chemistry, Algebra II and Advanced Math (Advanced Math may be taken concurrently with AP chemistry).
One Year: 1 Credit (Weighted Course)
Open to Grades 11-12

This course is an extension of chemistry. It pursues a more in depth understanding of chemical and physical changes. The course is geared toward those who plan on taking college chemistry. In the spring, students will be given the opportunity to take the Advanced Placement Test to receive college credit. Payment for the test will be the responsibility of the student.

12401-12402

Physics

Prerequisites: Algebra II and Physical Science
One Year: 1 Credit
Open to Grades 11-12

Physics is a project based exploration of motion, heat, electricity, sound, magnetism, and light.

12411-12412

**Anatomy & Physiology
(NTC DUAL CREDIT)**

Prerequisite: Physical Science and at least a B in Biology or special permission from the Biology instructor.
One Year: 1 Credit (Weighted Course)
Open to Grades 11-12

Anatomy and Physiology is an advanced, upper level course that focuses on the names of human body structures and the processes of how they work together. This course is designed for those motivated students interested in the study of the human body or for those planning on continuing their education beyond high school, either to college or to technical school in a medical area of study. Dissections are required.

NOTE: The Anatomy & Physiology class has been approved as a dual credit class through NTC. This course will transfer to NTC class 10-806-110 "Body, Structure and Function."

The courses from the Agriculture Department listed below are DPI certified science equivalent courses. They are also listed in the Agriculture Section.

17323

Basic Animal Science

Prerequisite: Exploratory Agriculture
One semester: .5 Credit
Open to grades 9-12

This course is designed to cover such animal science topics as animal digestive and reproductive systems, feeding, nutrition, genetics, animal behavior, careers and animal rights/welfare. This class is a CTE course.

** This class has been approved as a science equivalent course by the DPI and is also listed in the agriculture section.*

17513

**Introduction to Animal Science
(NTC DUAL CREDIT)**

Prerequisite: Exploratory Agriculture
One semester: .5 Credit
Open to grades 11-12

This course will take an in-depth look at various animal science topics including animal digestive and reproductive systems, feeding, nutrition, genetics, animal behavior, careers and animal rights/welfare. This college-readiness course will include more challenging bookwork and will focus on post-secondary education skills and techniques. This is a class for serious agriculture students. This class is a CTE course.

NOTE: The Introduction to Animal Science class has been approved as a dual credit class through NTC. This course will transfer to NTC class 10-091-104 "Intro to Animal Science."

** This class has been approved as a science equivalent course by the DPI and is also listed in the agriculture section.*

17113

Plant Science/Horticulture

Prerequisite: Exploratory Agriculture
One semester: .5 Credit
Open to Grades 9-12

If you like growing and working with plants, this is the class for you! Students will begin diving into plant science basics such as parts, functions, common types, and more! This one semester course involves learning about many aspects of the horticulture industry, beginning from seed germination and ranging to include the marketing and selling of mature annual plants. We will take advantage of the greenhouse and explore gardening practices as well as floriculture do's and don'ts. Not only will we be working in the greenhouse, but students will also gain hands-on experience with beautification of grounds and indoor landscaping. This class is a CTE course.

**This class has been approved as a science equivalent course by the DPI and is also listed in the agriculture section.*

SOCIAL STUDIES

14101-14102

Civics

Prerequisite: None

One Year: 1 Credit

Open to Grade 9 (required)

The course will explain the function and operation of government and government officials at the local, state, and federal levels. The importance of active, productive citizenship will be incorporated into the course through discussion of political activities. The second part of the course will focus on an introduction to other aspects of social studies such as economics, law, current events, psychology and sociology amongst other relevant topics.

14201-14202

World History

Prerequisite: None

One Year: 1 Credit

Open to Grade 10 (required)

This course builds Social Studies skills in content reading, research, questioning, and problem solving. The course focuses on the time span from Ancient Mesopotamian civilizations to the post-WWII era. Areas of emphasis include world governmental developments, social changes, differences in perspectives, scientific and intellectual advancements, and cultural development. There will also be an inclusion of how past historical events relate to current happenings.

14301-14302

U.S. History

Prerequisite: None

One Year: 1 Credit

Open to Grade 11 (required)

U.S. History is a survey course on United States history. Emphasis is on the Jacksonian Era, Western Expansion, the Civil War, Industrial Age and the Progressives, the 20's and the Depression, WWI, WWII, Cold War and the Conflicts in Iraq and Afghanistan.

14311-14312

AP US History

Prerequisite: 3.0 overall GPA or instructor approval

One Year: 1 Credit (Weighted Course)

Open to Grades 11-12 (can be substituted for US History)

The subject matter of this class will be the stories of how the United States developed into the country we now live in. Besides political history, we will look at social, cultural, scientific, and artistic aspects of our countries past and present. Learning the subject is one of our goals, but we have further ambitions. This is a class to prepare for post-secondary education. Part of this effort will include use of a more challenging textbook. There will be increased use of writing and assignments designed to increase use of higher level thinking skills. This is a class for serious students. Assignments are mandatory and attendance is vital.

In the spring, students will be given the opportunity to take the Advanced Placement Test to receive college credit. Payment for the test will be the responsibility of the student.

14353

Economics

Prerequisite: None

One Semester: .5 Credit

Open to Grades 11-12

This course introduces Economic skills in questioning, problem solving, and distinguishing between cause and effect. The course focuses on a basic understanding of economic principles including the study of economic systems, supply and demand, globalization, world economic demographics, and current government economic policies as they affect the economy.

21331-21332

**AP Psychology
(NTC DUAL CREDIT)**

Prerequisite: 3.0 overall GPA or instructor approval
One Year: 1 Credit (Weighted Course)
Open to Grades 11-12

Psychology is the scientific study of human behavior. Topics covered in a typical year include child and adolescence development, the nervous system, altered states of consciousness such as dreams and sleep, learning and memory. Additional topics covered include personality and intelligence testing, stress and health, psychological disorders (such as mood and personality disorders) and social psychology. *In the spring, students will be given the opportunity to take the Advanced Placement Test to receive college credit. Payment for the test will be the responsibility of the student. *The Psychology class has been approved as a dual credit class through NTC. This course will transfer to NTC class 10-809-198 "Introduction to Psychology."*

21323

**Introduction to Sociology
(NTC DUAL CREDIT)**

Prerequisite: 2.5 overall GPA or instructor approval
One Semester: .5 Credit
Open to grades 11-12

Sociology is the study of people in groups or more formally stated as the study of human social behavior and concentrates on patterns of social relationships, primarily in modern societies. This class will explore the sociological point of view towards culture, socialization, social structure, groups and organizations, deviance and social control, social classes and inequalities. Also discussed will be topics such as high school cliques, family structures, education, political and economic institutions, religion, and social collective behaviors. This class will ask students to take a personal look at the roles they play and what groups they associate with as well as evaluate parts of our society.

14343

Street Law

Prerequisite: None
One Semester: .5 Credit
Open to Grades 11-12

This course builds practical law skills of developing questioning skills, construct valid arguments, and research. This course focuses on the legal system, criminal law, and tort law. It is designed so that students will receive concepts and general legal terminology about law that will be practical for everyday life. Case studies and other learning activities will be used to assist students to effectively explore basic law-related knowledge of everyday legal problems and how they affect lives.

14323

Current Events

Prerequisite: None
One Semester: .5 Credit
Open to Grades 11-12

This course builds on previously learned social studies content and expands on current issues and trends related to countries around the world. Skills that will be developed will be evaluating different perspectives, determining cause and effect, construct a valid argument, reading a variety of sources. Topics chosen for study and discussion involve materials that are all from within the last year. Topics covered may range from crime, technology, foreign affairs, politics, health, globalization, and social issues. A large variety of informational texts will be used to expand understanding and knowledge in this class.

21603

***Introduction to Education Practices
(NTC DUAL CREDIT)***

Prerequisite: Instructor Approval

One Semester: .5 Credit (Weighted Course)

Open to Grades 11-12

This class analyzes preK-12 education in the United States, determine roles and responsibilities of school personnel, and explore current trends and best practices. Learners identify how students learn and the foundations of lesson planning. Analyze assessment strategies, classroom management, and techniques for supporting learners. **The Introduction to Educational Practices class has been approved as a dual credit class through NTC. This course will transfer to NTC class 10-522-103 "Introduction to Educational Practices." * It is anticipated that this class will run at a zero hour i.e. prior to the regular school day. *This course will be delivered via a blended model of virtual and in person meetings.*

TECHNOLOGY EDUCATION

16221

Architectural Drafting/Revit (NTC DUAL CREDIT)

Prerequisite: Good understanding of math.

One Semester: .5 (Weighted Course)

Open to Grades 10-12

Students will learn the basics of architectural drawings that are used for homes, businesses and recreational buildings. The drafting will be done within a computer program. Students will learn about different materials and their usage in the building construction. An example of this is creating a foundation (basement) for a home using a simulation of cement and being able to build on top of it with wood. The buildings will range from single floor, two story and even a 1 ½ story home. When a drawing is completed, the student will have the ability to add details such as an automobile to the garage, a toilet to the bathroom, a fireplace to the bedroom, etc. This class is a CTE course.

NOTE: The Introduction to Architectural Design class has been approved as a dual credit class through NTC. This course will transfer to NTC class 10-614-127 "Revit Residential for Architectural Design"

16393

Engineering Design/Solid Works (NTC DUAL CREDIT)

Prerequisite: Good understanding of math

One Semester: .5 (Weighted Course)

Open to Grades 10-12

Students will learn the art of drafting and creating parts within the computer program. This result product then may be used for CNC, 3D printing as well as a host of other functions. Students will use math to measure distance, angles and material strength within the class. Even though the students will not be using the lathe or the mill in the metals shop, students will understand the complexities of a design in order to bring it to that manufacturing level. An example of this would be using a chamfer in a corner vs a sharp 90-degree radius that would weaken the part and cost more in production. This class is a CTE course.

NOTE: The Engineering Design/Solid Works class has been approved as a dual credit class through NTC. This course will transfer to NTC class 10-606-133 "Solidworks 1."

16003

Girls in Technology

Prerequisite: None

One Semester: .5 Credit

Open to Grades 9-10

This introductory class is directed towards females who would like to explore avenues of technology education such as woods, metals, welding and automotive. This course is designed to not only teach the above skills but also instill confidence in learners in order that the student be able to join other tech ed classes in the future with self-assurance. This class is a CTE course.

Students will be charged a fee of \$20.00 per class to cover the cost of this course.

16113**Woods I**

Prerequisite: None
One Semester: .5 Credit
Open to Grades 9-12

This class is recommended for 9th and 10th graders. Students learn about safety, materials, and processes used in industry. They study different types of woods. They also work with various woodworking machines and processes to complete a project. This class is a CTE course.
Students will be charged a fee of \$20.00 per class to cover the cost of this course.

16213**Woods II**

Prerequisite: Woods I
One Semester: .5 Credit
Open to Grades 9-12

Students use hand tools and power equipment to construct more complex projects. Emphasis is placed on safe working practices. Class work consists of units in planning and making bills of materials, shaping and routing, woodturning and wood finishing. This class is a CTE course.
Students will be charged a fee of \$20.00 per class to cover the cost of this course.

16311**Woods III**

Prerequisite: Woods I and II
One Year: .5 Credit
Open to Grades 10-12

Students make drawings and design projects such as desks, chests, gun and stereo cabinets. Power and hand tools are used to construct the project. Emphasis is placed on safety and the care and maintenance of woodwork tools and machines. Projects are finished with a sprayed on finish. There are units on construction. This class is a CTE course.
Students will be charged a fee of \$20.00 per class to cover the cost of this course.
Following the successful completion of this course, a student may be eligible for a residential carpenter apprenticeship.

16123**Metals I**

Prerequisite: None
One Semester: .5 Credit
Open to Grades 9-12

This class is recommended for 9th and 10th graders. Students learn about safety, materials, and processes used in industry. They study types of metal, tools, and methods of machining: lathe milling machine, drill press, and sheet metal work. This class is a CTE course.
Students will be charged a fee of \$20.00 per class to cover the cost of this course.

16223**Metals II**

Prerequisite: Metals I
One Semester: .5 Credit
Open to Grades 9-12

This class will give students an advanced understanding of machining in the world. Students will independently develop, design and fabricate projects using the equipment within the lab. Students will also begin to use and understand automated machining using a CNC Mill. If time permits, students will build a High Mileage Vehicle. This class is a CTE course.
Students will be charged a fee of \$20.00 per class to cover the cost of this course.

16331-16332**Welding/General Shop
(NTC DUAL CREDIT)**

Prerequisite: None

One Year: 1 Credit (Weighted Course)

Open to Grades 10-12

Welding is a metal fabrication and basic construction course. Included are units in welding where students receive experience in arc and oxyacetylene welding. Accelerated students also receive experience on the TIG and MIG machines. Students will do a project. This class is a CTE course.

Students will be charged a fee of \$20.00 per class to cover the cost of this course.

NOTE: The Welding class has been approved as a dual credit class through NTC.

This course will transfer to NTC class 10-442-101 "Introduction to Welding."

16351-16352**Advanced Welding General Shop**

Prerequisite: Welding/General Shop

One Year: .5 Credit; may take both semesters for 1.0 total credits

Open to Grades 11-12

Welding is a metal fabrication and basic construction course. Included are units in welding where students receive experience in arc and oxyacetylene welding. Accelerated students also receive experience on the TIG and MIG machines. Students will do a project. This class is a CTE course.

Students will be charged a fee of \$20.00 per class to cover the cost of this course.

17593**Agriculture Mechanics**

Prerequisite: None

One Semester: .5 Credit

Open to Grades 9-12

Open to all grades, students may take Ag Mechanics up to three times. Students will explore solutions to common mechanical issues on agricultural equipment as well as performing common maintenance procedures. We will work together to build our problem solving skills and seek expert advice if needed to gain those resources that can be used in the future. This class is a CTE course.

16353**Basic Auto**

Prerequisite: None

One Semester: .5 Credit

Open to Grades 9-10

Students will learn about and do basic maintenance on their car. Some items are: check and clean plugs, change plugs, change oil and filter, check battery, check coolant, check or replace belts, check hoses, check or replace rotor or distributor cap, grease car, change or rotate tires, do battery load test, charging system test, do a compression test, check brakes, etc. A major portion of the class will consist of how to purchase a car and what to look for during this process. It will also cover types of auto insurance and the process of purchasing it. This class is a CTE course.

16354**Advanced Auto
(NTC DUAL CREDIT)**

Prerequisite: Basic Auto and a good understanding of math

One Semester: .5 Credit

Open to Grades 10-12

Students will learn about and do basic maintenance on their car. Some items are: check and clean plugs, change plugs, change oil and filter, check battery, check coolant, check or replace belts, check hoses, check or replace rotor or distributor cap, grease car, change or rotate tires, do a compression test, check brakes, etc. We may go farther into the engine such as removal of heads, or removal of the oil pan. We promote the concept of students bringing in their own car to be worked on within this capacity. This class is a CTE course.

16362

Video/Media Productions

Prerequisite: None

One Semester: .5 Credit

Open to Grades 9-12

Students will explore various areas of media. Computer programs used in the course are Adobe Creative Cloud, Video Editor and a variety of others. Using these programs, students will create a variety of projects. The projects range from an Introduction video to different commercials. A movie critique will be completed as well.

This class is a CTE course.

18323

Art & Metal Design

Prerequisite: Visual Studies I & Metals I

One semester: .5 credit

Open to Grades 11-12

This class will focus on the artistic design of metal. Projects will include wall hangings, lawn ornaments; plasma cut pieces and sculptures. Students will learn how to design, fabricate and weld pieces to create art. Students will be trained on how to operate machinery in the metal shop and learn proper shop safety before creating any projects. Students will be charged a fee of \$20.00 per class to cover the cost of this course.

NOTE: This class is also listed in the art section.

16233

Graphic Design (NTC DUAL CREDIT)

Prerequisite: None

One Semester: .5 Credit (Weighted Course)

Open to Grades 10-12

Students will explore various areas of communication. Computer programs used in this course are InDesign, Photoshop and Illustrator. From these programs students will be able to create different projects that are forms of communication. Projects may include movie posters, websites and a calendar. A research paper on a type of communication process will be required.

This class is a CTE course.

Students will be charged a fee of \$20.00 per class to cover the cost of this course.

NOTE: The Graphic Design class has been approved as a dual credit class through NTC.

This course will transfer to NTC class 10-204-126 "Photoshop/Image Manipulation."

16243

Graphic Design II

Prerequisite: Graphic Design

One Semester: .5 Credit

Open to Grades 10-12

Students will expand their knowledge from the first Graphic Design class. A major portion of the class will be exploring Photoshop further and learning how to create web pages. Students will explore Adobe as a tool to create, adjust and manipulate images for print and web. Special attention is given to image manipulation techniques, color/tonal correction, resolution and output issues.

This class is a CTE course.

Students will be charged a fee of \$20.00 per class to cover the cost of this course.

SCHOOL TO CAREER LEARNING OPPORTUNITIES

YOUTH APPRENTICESHIPS

The Youth Apprenticeship (YA) Program is a rigorous one or two-year elective statewide program that combines academic and technical instruction with mentored, paid, on-the-job learning that makes a real world connection for students. Youth Apprentices work a minimum of 450 hours at their YA worksite each year of their program and take related classes to enhance their worksite experiences. Work hours may be accumulated during the school year or throughout the summer months. Students successfully completing the Program will receive a Certificate of Recognition through the Department of Workforce Development (DWD). Students will complete and submit paperwork in the spring, prior to the fall semester, of the start of the program. Students that do not have the job as planned, will be required to take a class in the place of the YA program.

These are CTE courses.

Employability Skills is a prerequisite for enrolling in YA or School to Career.

YA On-the-Job Learning Performance Standards

****Please look over the On-the-Job Learning Performance Standards carefully. These are the competencies that will need to be completed during your supervised work experience. Your employer will need to verify that you have successfully mastered these competencies.***

18000E YA Agriculture, Food and Natural Resources

Open to Grades: 11-12

Prerequisite: Employability Skills

[Ag. Food & Natural Resources Overview](#)

17000E YA Architecture and Construction

Open to Grades: 11-12

Prerequisite: Employability Skills

[Architecture & Construction Resources Overview](#)

19000E YA Arts, A/V Technology & Communications

Open to Grades: 11-12

Prerequisite: Employability Skills

[Arts, Audio Visual \(AV\) Technology & Communications Overview](#)

22000E YA Business Administration

Open to Grades: 11-12

Prerequisite: Employability Skills

[Business Administration Overview](#)

23000E YA Education

Open to Grades: 11-12

Prerequisite: Employability Skills

[Education Overview](#)

16000E YA Finance

Open to Grades 11-12

Prerequisite: Employability Skills

[Finance Overview](#)

14000E YA Health Science

Open to Grades 11-12

Prerequisite: Employability Skills

[Health Science Overview](#)

15000E

Open to Grades 11-12
Prerequisite: Employability Skills
[Hospitality & Tourism Overview](#)

YA Hospitality and Tourism**10000E**

Open to Grades 11-12
Prerequisite: Employability Skills
[Informational Technology \(IT\) Overview](#)

YA Information Technology (IT)**13000E**

Open to Grades 11 -12
Prerequisite: Employability Skills
[Manufacturing Overview](#)

YA Manufacturing**12500E**

Open to Grades: 11-12
Prerequisite: Employability Skills
[Marketing Overview](#)

YA Marketing**21000E**

Open to Grades 11 -12
Prerequisite: Employability Skills
[Science, Technology, Engineering & Math \(STEM\) Overview](#)

YA Science, Technology, Engineering and Math**20000E**

Open to Grades 11 -12
Prerequisite: Employability Skills
[Transportation, Distribution & Logistics Overview](#)

YA Transportation, Distribution and Logistics

STUDENT ASSISTANT PROGRAM

25911-25912

Student Mentorship

One Semester: .5 Credit

Pass/Fail grading: not calculated in GPA

Open to Only Grades 11-12

High school students who have an interest in helping younger students build academic skills and build positive relationships with younger students may register for this course. You may be assigned to a one on one and/or classroom setting to serve as mentor/tutors in the Elementary or Middle School buildings. HS students will work with a supervising staff member to understand the needs of the younger child, build positive mentor and tutor skills while modeling good character and directly work with younger students. Requirements include having a 3.0 GPA and Jr./Sr status; being reliable, responsible, respectful, able to take direction from staff; able to work independently; and must have good attendance. This is a great opportunity for those interested in future careers that involve education, daycare, medical fields or for those who have a general interest in working with children or helping others. ***Applications must be received one semester prior to placement.***



Technical College to High School Courses

Certified university, college and/or adjunct instructors using college books and materials teach the courses listed below. Students receive college credit upon completion of the course(s). Upon successful completion of the course, students will receive an official transcript with grade and credit(s) recorded at the post-secondary institution. Students enrolled in college courses will also receive high school credit (dual credit). *Beginning with the 2017-2018 school year, per DPI standards, one semester credit offered by a post-secondary course will be equivalent to ¼ high school credit. Many post-secondary courses are worth three credits thereby, will be worth .75 high school credits.*

These courses are of college level integrity and rigor. Courses will be taught on the post-secondary college calendar as stated in the course syllabus. Absences due to conflicting high school activities must be pre-arranged with the instructor, and students will be responsible for any missed work.

PURCHASED CREDIT AGREEMENT

Agreement for Classes Purchased Outside the Realm of the Colby High School Curriculum Offerings

The following policy pertains to students who take part in class offerings from CWETN, through Contracted (University or Technical College), Dual Credit Courses, Odysseyware, and Virtual School courses or any other classes purchased outside the realm of the Colby High School curriculum offerings.

1. The School District of Colby agrees to pay the initial cost of the coursework offered from the classes types listed above.
2. If the student drops the class or does not complete the coursework required, the parent/student becomes financially obligated. If the student does not receive a final grade of a C or better, the parent/student becomes financially obligated. The parent/student will reimburse the School District for all costs pertaining to the course.
3. Students enrolled in Odysseyware and Virtual School Courses class must pass the course with a D- or better. If the student receives a failing grade or does not finish the course in the required time, the parent/student will reimburse the School District for all costs pertaining to the course.
4. Students must meet all requirements established by both the UW/Wisconsin Technical College and Colby High School in order to enroll in the university or technical college coursework.
5. All parties involved must agree to the stipulation in this agreement before enrolling, as verified by their signature.

Student _____ Date _____

Parent _____ Date _____

Counselor _____ Date _____

High School Principal _____ Date _____

Book Policy Manual

Section 2000 Program

Title START COLLEGE NOW PROGRAM

Code po2271.01

Status Active

Legal 38.12(14), Wis. Stats.

Adopted February 22, 2021

2271.01 - START COLLEGE NOW PROGRAM

The District will permit resident high school students who have completed the 10 grade and who meet eligibility criteria, to take courses at a technical college in the Wisconsin Technical College System for the purpose of earning both high school and postsecondary credit. Students who wish to attend a technical college under this policy must request attendance and, if the student is a minor, must provide written approval from the student's parent. Students must request such attendance from the student's resident school district if attending the District as a non-resident.

General Eligibility Criteria for Students that Have Completed the 10 Grade:

To be eligible to attend courses at a technical college pursuant to this policy, a student:

A. must be in good academic standing;

B. must provide written notification to the board of the school district in which the student resides of his/her intent to attend a technical college under this subsection by March 1 if the student intends to enroll in the fall semester, and by October 1 if the student intends to enroll in the spring semester;

C. must not be identified as a child-at-risk, pursuant to Policy 5461;

D. must not be ineligible for participation for having failed a previous class under either this program or the Early College Credit Program (Policy 2271) and failing to reimburse the Board for any costs the student is required to pay; and

E. must be admitted to the technical college for attendance.

Undue Financial Hardship

The Board may prohibit a student's attendance if the student is a child with a disability and the Board determines that the cost to the School District of any required additional special services for participation in this program would impose an undue financial burden on the District.

Tuition Payments for Technical College Attendance

The District shall pay to the technical college the cost of a student's tuition for attendance, including any additional costs associated with a student's special services, if applicable, if attendance is permitted, except as follows:

A. For any course that the Board determines does not meet high school graduation requirements or the Board determines the District provides a comparable course. The student may appeal an adverse decision to the Department of Public Instruction. The Board shall notify the student no less than thirty (30) days prior to the start date of the proposed course if it finds that the course either does not meet high school graduation requirements or is comparable to a course offered in the District.

B. The student has already completed eighteen (18) postsecondary semester credits.

Transportation Expenses

The District is not responsible for transporting a student attending a technical college under this policy to or from the technical college that the student is attending.

Reimbursement for Course Failing Grade

If a student receives a failing grade in a course or fails to complete a course, at a technical college for which the Board has made payment, the student's parent or guardian, or the student if s/he is an adult, may be required by the Board to reimburse the Board the amount paid on the student's behalf to the extent permitted by law to do so. For the purposes of this paragraph, a grade that constitutes a failing grade for a course offered in the School District or constitutes a failing grade for a course taken at a technical college under this section.