

Cambridge-Isanti High School Registration Guide 2025-2026

Request for Changes - DECEMBER 2024

SUMMARY OF CHANGES

Type of Change	Course Name	Strategic Plan Connection & Rationale
Course Changes Due to Statute Changes	Ojibwe Language & Culture	<p><u>Alignment with Strategic Plan Goals:</u> 1.14 Ensure that the continuous improvement process addresses and aligns curriculum with current state, national, and industry standards.</p> <p><u>Rationale & Details:</u> <i>Statute requirement.</i></p> <ul style="list-style-type: none"> ● 1 credit/1 Trimester ● Independent Study ● Grades 9-12 ● Online (902) <p><i>Course Description:</i> Course Description: Students taking this course will utilize an online learning platform designed by the Mille Lacs Band of Ojibwe to help students learn about Ojibwe language and culture. Introduction to Ojibwe will immerse students in learning about the deeply interconnected Ojibwe language, cultures, and traditions. As a result of taking this course students will not only learn vocabulary, grammar, and pronunciation related to Ojibwe language, but also the cultural history, meaning, and the continuing connections that language holds for the Ojibwe people and culture.</p>
	English Courses	<p><u>Alignment with Strategic Plan Goals:</u> 1.14 Ensure that the continuous improvement process addresses and aligns curriculum with current state, national, and industry standards.</p> <p><u>Rationale & Details:</u> <i>State Standard Updates and Realignment:</i></p> <ul style="list-style-type: none"> ● New Alignment of courses (including additions/deletions/renamings) makes courses more accessible for students and course placement/completion more accurate, while also following state requirements ● See DOCUMENT for specifics to English changes, as written and submitted by Department BILT member, Thea Lowman, <i>including course descriptions</i> ● Only impacts courses in 11th/12th grade requirements, though some courses are 9-12 elective options
Course Additions	Computer Aided Drafting & Design (CAD)	<p><u>Alignment with Strategic Plan Goals:</u> 1.14 Ensure that the continuous improvement process addresses and aligns curriculum with current state, national, and industry standards.</p> <p><u>Rationale & Details:</u> <i>Teach students how to design using computer aided drafting technology; Local manufacturing companies want students that can use CAD software (https://www.onshape.com/en/)</i></p>

		<ul style="list-style-type: none"> ● 1 credit/1 Trimester ● Elective Credit ● Grades 9-12 ● No prerequisites
	College Economics	<p><u>Alignment with Strategic Plan Goals:</u> 1.8 Ensure consistent use of Professional Learning Communities to improve student outcomes. 1.14 Ensure that the continuous improvement process addresses and aligns curriculum with current state, national, and industry standards.</p> <p><u>Rationale & Details:</u> <i>Equivalent to College Introduction to Economics; covers Microeconomics and Macroeconomics; course formerly ran prior to qualified staff departure from position, which has now been filled by current teacher who has obtained credentials.</i></p> <ul style="list-style-type: none"> ● 1 credit/1 Trimester ● Elective Credit OR replaces Required Economics Credit ● Grades 11/12 ● Must meet ARCC requirements for enrollment
	Advanced Manufacturing Program (AMP, aka: "Bluejacket AMP")	<p><u>Alignment with Strategic Plan Goals:</u> 1.14 Ensure that the continuous improvement process addresses and aligns curriculum with current state, national, and industry standards.</p> <p><u>Rationale & Details:</u> <i>Internships in Manufacturing fields;</i></p> <ul style="list-style-type: none"> ● 1 credit/1 Trimester ● Elective Credit ● Grades 11/12 ● Prerequisites include one of the following: Welding 1 OR Woods CNC & Laser OR Manufacturing & Machine Process 1
	Disease Conditions	<p><u>Alignment with Strategic Plan Goals:</u> 1.14 Ensure that the continuous improvement process addresses and aligns curriculum with current state, national, and industry standards.</p> <p><u>Rationale & Details:</u> <i>Internships in Manufacturing fields;</i></p> <ul style="list-style-type: none"> ● 1 credit/1 Trimester ● Elective Credit ● Grades 11/12 ● Prerequisites include Medical Terminology <p><i>Department submitted additional information:</i></p>

		<p>https://docs.google.com/document/d/1t-1R1raODV20mUxqEaiRvGEy_J93hUYEeYUoiX5FEEdM/edit?tab=t.0</p> <p><i>Course Description:</i> This course introduces the student to important concepts related to human diseases. The most common disease and disorders of each body system are presented along with a review of the anatomy and physiology pertinent to the content. Additionally, the effects of aging throughout the lifespan on the body systems and the relationship to the disease are presented. This course is designed for students interested in a health related career.</p>
	<p>Athletic Weightlifting & Performance Training (Physical Education Department)</p>	<p><u>Alignment with Strategic Plan Goals:</u> 1.14 Ensure that the continuous improvement process addresses and aligns curriculum with current state, national, and industry standards.</p> <p><u>Rationale & Details:</u> <i>Internships in Manufacturing fields;</i></p> <ul style="list-style-type: none"> ● This is a zero-hour class that meets before the regular school day. ● Students must be able to provide their own transportation to participate. ● Students must be currently registered for a school sport to be eligible for this class. ● Prerequisites include currently registered athletes
<p>Course Modifications</p>	<p>Physical Education - Changing Grade-level Requirements</p>	<p><u>Alignment with Strategic Plan Goals:</u> 1.8 Ensure consistent use of Professional Learning Communities to improve student outcomes. 1.14 Ensure that the continuous improvement process addresses and aligns curriculum with current state, national, and industry standards.</p> <p><u>Rationale & Details:</u> <i>After piloting possible requirement switch in 2024-2025, Physical Education Department would like to go back to the follow requirements:</i></p> <ul style="list-style-type: none"> ● 1 credit Physical Education in 9th Grade ● 1 credit of Physical Education in 10th Grade ● All other Physical Education requirements are electives and geared towards those who <u>enjoy/choose</u> the content area. <p>→ <i>The pilot year allowed students to take their second physical education course in any grade after 9th grade; this will be allowed for students in the Class of 2026 and 2027, with the Class of 2028 having the 10th grade requirement implemented.</i></p>
	<p>Environmental Science 1 & 2 - Course Name Changes</p>	<p><u>Alignment with Strategic Plan Goals:</u> 1.13 Ensure science curriculum meets new standards, empowers students to be engaged in their own learning, and is supported with professional development. 1.14 Ensure that the continuous improvement process addresses and aligns curriculum with current state, national, and industry standards.</p> <p><u>Rationale & Details:</u> <i>The name change would make these classes more active, outdoor, and eliminate the overlap with College</i></p>

		<p><i>Environmental Science.</i></p> <p><i>Environmental Science 1 → Outdoor Science: Fall</i></p> <ul style="list-style-type: none"> • <i>Course Description:</i> This course will challenge you to get outside and experience science! It emphasizes outdoor fieldwork and hands-on experience. Possible topics include, but are not limited to; General Ecology and research methods, Animal Population studies and Small Mammal Trapping, Camera Trapping, Tree Identification, Outdoor Navigation and Survival, Stream and Water Studies, and a Research Study option that will include a possible taxidermy project. This course will always be offered trimester 1 in the fall. <p><i>Environments Science 2 → Outdoor Science: Spring</i></p> <ul style="list-style-type: none"> • <i>Course Description:</i> This course will focus on outdoor field work and hands-on experiences. It will get students outside as much as possible to experience the outdoors while doing science research! A few of the topics will include, but are not limited to: Winter Ecology and research methods, MN animals in Winter, Maple Syrup Collection, Animal Behavior and Red Wing Blackbird study, Invasive Species, Conservation and Outdoor Education, and MN Edible Plants. This course will conclude with a Research Study option for students to complete a project in an area that they are most interested in.
	<p><i>9th Grade Math:</i></p> <ul style="list-style-type: none"> - <i>Name Change(s)</i> - <i>Criteria for course modification</i> 	<p><u>Alignment with Strategic Plan Goals:</u></p> <p>1.8 Ensure consistent use of Professional Learning Communities to improve student outcomes. 1.14 Ensure that the continuous improvement process addresses and aligns curriculum with current state, national, and industry standards.</p> <p><u>Rationale & Details:</u></p> <p>Algebra 1.5 A/Algebra 1.5 CONCEPTS <u>changing course name(s) to:</u> Intro to High School Algebra/ Intro to High School Algebra Concepts; current 1.5 B/C and 1.5 Concepts B/C will shift to Algebra 1.5 A/B and Algebra 1.5 Concepts A/B as a result.</p> <ul style="list-style-type: none"> • 1 credit elective (placement will occur at time of registration, not all 9th graders will take these courses) • 9th grade only • Course is 8th grade standards, but will be recommended through test scores, middle school math teacher recommendation, and other objective measures • Name change will ease confusion of course purpose/placement for students, families, and teachers • Alignment of A/B course like other departments (A/B is equivalent to one year course)
<p>Course Deletions</p>	<p>Intro to Engineering</p>	<p><u>Alignment with Strategic Plan Goals:</u></p> <p>1.14 Ensure that the continuous improvement process addresses and aligns curriculum with current state, national, and industry standards.</p> <p><u>Rationale & Details:</u></p> <ul style="list-style-type: none"> • <i>Other courses in Trades and Industry Department have taken the components of this course and</i>

		<i>integrated them into each of the alternative course options.</i>
	Engineering with Robotics	<p><u>Alignment with Strategic Plan Goals:</u> 1.14 Ensure that the continuous improvement process addresses and aligns curriculum with current state, national, and industry standards.</p> <p><u>Rationale & Details:</u></p> <ul style="list-style-type: none"> • <i>Multiple years of low request during registration</i> • <i>Robotics Team is well attended/enjoyed by students throughout the year/season of competing, which is more appealing for students than a one-time/one-trimester course</i>

Additional Information to be Updated in 2025-26 Registration Guide:

→ [“In House” Pathways](#)

→ Course numbers updated to follow new sequence (Department Pathway, Level of Rigor, etc)

→ Corrections of any errors (typos or items in need of clarification) as identified by BILT members (Department Leads) from 2024-25 Guide

→ Clarity of registration process and RINGS night for incoming 9th graders, etc.