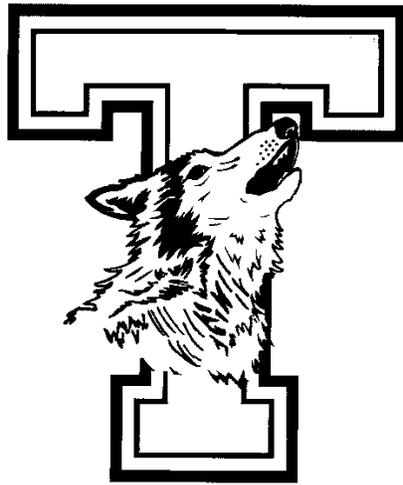


COURSE DESCRIPTION BOOKLET 2025-2026



**Tomah High School
901 Lincoln Avenue
Tomah, WI 54660
Main Office
608-374-7358
School Counseling Office
608-374-7354
FAX 608-374-7290**

Si necesita Ud. ayuda en la traducción de este documento, por favor llama la especialista de ELL del distrito at (608) 374-7014.

The Tomah Area School District does not discriminate on the basis of race, color, religion, national origin, ancestry, creed, pregnancy, marital status, parental status, sexual orientation, sex (including transgender status, change of sex or gender identity) or physical, mental, emotional, or learning disability (“Protected Classes”) in admission to, access to, treatment in, or employment in its programs and activities. The Coordinator of the District’s efforts to comply with Title IX of the Education Amendments of 1972 is the Director of Pupil Services, 1310 Townline Road, Tomah, WI 54660 – phone: (608) 374-7011. Any inquiries regarding the application of the District’s non-discrimination policy may be referred to the U.S. Department of Education, Office for Civil Rights.

All career and technical education (CTE) courses and programs are offered without discrimination. For a summary of courses, please see <http://www.tomah.education>

This course description booklet was printed on: 12/30/2024

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March 2025

Dear parents and guardians,

You should have recently received your child's 3rd quarter report card along with the list of courses they registered for the 2025-26 school year. This week, we will begin building the master schedule based on these course registrations.

I am writing to inform you about our course change request process. We will honor both student and teacher course change requests. For the first semester, any course change requests must be submitted by the end of the prior school year, which is June 4, 2025. For the second semester, requests need to be submitted five school days before the end of the first semester, by January 9, 2026. These deadlines are in place to optimize teacher and support staff assignments, balance course offerings, allow our counseling staff to best serve students during the summer, and maintain the integrity of the master schedule.

Please note that this policy affects AP and pre-AP courses, as well as any other courses requiring summer work. Students will not be able to drop these courses after June 4. Failure to complete summer assignments will negatively impact the grade for the associated class. Students cannot drop these classes right before the school year begins due to incomplete summer work. However, students may drop the course for the second semester with parental/guardian approval.

These practices are essential for maximizing resources to best serve our students. Please contact your child's counselor to make any schedule changes or teacher requests before June 4, 2025, or if you have any questions or concerns.

I have included the THS Schedule Change Policy and counselor contact information in this messaging, on subsequent pages.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert Joyce".

Robert Joyce
Principal
Tomah High School

SCHEDULE CHANGES

Effective January 2012, Rev. June 2015, Rev 2019

Schedule Change Policy

Once the schedule is set and the staff hired, it becomes extremely difficult to honor course change requests and still maintain the integrity of the master schedule. Students will receive a copy of their course list in Spring 2025 and will have the opportunity to make corrections by June 2, 2025. Second semester changes need to be submitted 5 school days before the end of the semester (January 13, 2025).

ALL schedule change requests must be made in writing (forms are available in the counseling office). Parent, teacher, and/or administrative approval for the change may be required. Up until June 2, 2024, students can submit any course change requests and teacher requests for consideration. **Any schedule changes submitted after June 2, 2025 will only be accepted for the following reasons:**

1. **Course Upgrade:** A schedule change request form, applying for a class upgrade, must be **submitted by DAY 5 of the semester the course is offered in**. Teacher approval must be obtained for the addition of an upgraded class. Upgraded class examples include dropping an elective for an academic course, changing from regular level to advanced level courses, and adding courses, work experience or a youth apprenticeship which align with an identified career pathway. All other course changes needed to be submitted by the end of the previous school year and will not be accepted.
2. **Complete Graduation Requirements**
3. **The student is placed incorrectly in a class or lacks prerequisites or teacher recommendation**
4. **Course Load Reduction (providing that study halls are an option for 2024-2025 and student does not have a study hall):** A student who has an overload schedule (8 classes) may drop a class for a study hall within the first **10 days of the semester with no penalty** (i.e. the dropped class will not result in a Withdrawal/Fail (W/F) grade).
 - After the 10th day of the semester, all dropped courses will receive a grade of W/F for the semester.
 - After the mid-quarter report of QUARTER 2 or QUARTER 4, all dropped classes will receive a grade of F for the semester.
 - A student who is already enrolled in a study hall and drops a course will receive a grade of W/F for the dropped course.

PLEASE NOTE PER BOARD POLICY:

Not all requested changes will be granted. Changes are not official until processed through the counseling office. The student is required to attend the originally scheduled class and is responsible for the work until s/he receives a new schedule from the counseling office.

Rev 6-24-2015

Explanation of Codes

Course Length

2 cr. Double Hour Class – Two (2) semesters

1 cr. Single Hour Class – Two (2) semesters

1/2 cr. Single Hour Class - Semester Course

1/4 cr. Single Hour Class - Semester Course (office work, lab assistant, etc.)



Laude Point Recognition (this symbol will be shown in the course description of courses eligible for Laude points. **Please note that while we try to keep our course descriptions current, Laude courses may change yearly due to postsecondary articulation agreements and other factors. Students should see their school counselor for the most accurate information.**

(P) Prerequisite Required (See course description)

A prerequisite is a course or a standard that is necessary before a more advanced course can be taken.

Advanced Placement (AP)

These typically junior/senior level courses follow a college level curriculum designed to prepare students for the Advanced Placement (AP) exam in the appropriate subject area. Students may opt to take AP exam(s) at their own expense for potential college credit. AP exams are administered in May each year. AP courses may be limited based on resources or class space (senior, junior, G.P.A.). The National AP organization has determined that AP Exams will be ordered in the fall. After the November 2023 order deadline date additional fees may apply for late orders or cancellations. Note: In the event of a tie for the Wisconsin Academic Excellence Scholarship, please refer to TASD Board policy 5451.01 for tie-breaking criteria.

The following AP courses will be offered

AP Biology

AP Calculus

AP Chemistry

AP PLTW Computer Science

AP English Literature & Composition

AP English Language & Composition

AP Human Geography

AP Macroeconomics

AP Music Theory

AP Physics

AP Psychology

AP Statistics

AP Studio Art 2-D Design

AP Studio Art 3-D Design

AP Studio Art Drawing

While AP courses are open to all students it is important that students who intend to take AP classes be aware of the prerequisites and take the appropriate classes to prepare for the AP classes.

Laude Point System

Beginning with the class of 2021 Tomah High School will begin honoring students based on the Laude System. The Laude point system is a tiered point-based system that recognizes students for the rigor of their academic program as well as their success in the program.

Award Levels There are three levels of awards	Summa Cum Laude: 45 points and above Magna Cum Laude: 38 - 44.99 points Cum Laude: 20 - 37.99 points
---	---



Courses which gain Laude points:

0.5 Laude points will be awarded per semester credit or 1.0 will be awarded for a whole year credit (any course where students can potentially earn 3-4 college credits):

- AP Studio Art Drawing
- AP Studio Art 2-D Design
- AP Studio Art 3-D Design
- AP English Literature & Composition
- AP English Language & Composition
- AP Precalculus
- AP Calculus
- AP Statistics
- AP Biology
- AP Chemistry
- AP Physics 1
- AP Macroeconomics
- AP Psychology
- AP Music Theory (pending BOE approval)
- AP Human Geography
- PLTW Intro to Engineering Design
- PLTW Principles of Engineering
- AP PLTW Computer Science Principles
- PLTW Digital Electronics

- Career Communications
- Software Apps for Business
- Personal Financial Literacy
- Marketing
- Advanced Marketing – Selling Principles
- Advanced Marketing– Quality Customer Service
- Horticulture
- Horse, Livestock & Dairy Cattle Science
- Nursing Assistant
- Vocational Auto Mechanics

0.5 Laude points will be awarded per semester credit for a passing grade in these courses that are transcripted for college credit:

- U.S. History I – Honors
- Infant & Toddler
- Intro to Educational Practices
- Education Practicum
- Child Development
- Culinary Fundamentals
- Baking Fundamentals
- Accounting Principles 1
- Introduction to Business

0.25 points Laude points will be awarded per semester credit or 0.5 will be awarded for a whole year credit.

- Freshman English AP Prep
- Sophomore English AP Prep
- Music Theory – Honors
- Select Choir
- Wind Ensemble
- Physics
- Chemistry
- World History – Honors
- US History II – Honors
- German III, IV, and V – Honors
- Spanish III, IV, and V – Honors
- Hoocak III (HoChunk) – Honors
- Anatomy & Physiology - Honors
- Medical Terminology

Courses transcripted for college credit (1-2 college credits for each course)

- Foods for Life
- CAD Drafting
- Housing and Interior Design (pending board approval)
- Welding
- Framing
- Landscape and Greenhouse Management

Laude Point Pre-Approval of External Courses Policy

Any students who plan to, or have, participated in an external high school honors course or college equivalent credit program (i.e. Dual Credit, Start College Now, or Early College Credit Program) will need to complete an application if they would like for the course to be considered for Laude points. Applications can be picked up in the counseling office. The following conditions must apply for a course to be eligible:

- I. For Start College Now (SCN) or Early College Credit Program (ECCP) course(s):
 - a. The student must have completed the highest-level course of the related career and/or academic pathway, offered at the high school, prior to taking the SCN or ECCP course.
 - b. The course(s) must be an extension of a career and/or academic pathway offered at THS (i.e. Algebra 2 must be a prerequisite for a math course, as this is a prerequisite to other honors math courses).
- II. For external high school honors course(s) (i.e. transfer students):
 The course(s) must meet the equivalent honors standards to those offered at THS (demonstrates advanced rigor and/or learning objectives).
- III. The course approval and the Laude score for the course must be approved by the building principal, a department teacher, and the Laude Committee. Applications must be submitted to the counseling office by March 1 for a Spring review and by October 1 for a Fall review.

Laude System Matrix

- Most laude scores will not be calculated exactly on this chart due to GPA's to the thousandth of a point and Honor Points awarded in 0.25 increments
- To calculate any specific Laude score for any specific student at any time in their HS career, apply the following formula:

$$\frac{\text{GPA}}{\text{GPA}} \times \frac{\text{Honor Points}}{\text{Honor Points}} = \frac{\text{Total Laude Score}}{\text{Total Laude Score}}$$

Example: Charlie Brown has a 3.825 GPA with 11.5 Honor Points.

$$3.825 \times 11.5 = 43.99 \text{ (Magna Cum Laude)}$$

Tomah High School Graduation Requirements

Class of 2022 and Later
<p>4.0 credits English (Freshman, Sophomore, Junior and Senior Required)</p> <p>3.0 credits Social Studies (World History, U.S. I, U.S. II & Civics or AP Macroeconomics Required) Beginning with the Class of 2017, all graduating students are required to take and pass a Civics test, scoring criteria changed to 65 of 100 questions as of 9-23-2017)</p> <p>3.0 credits Math</p> <p>3.0 credits Science (Biology is Required)</p> <p>1.5 credits Exercise & Sport Science (Exercise & Sport Science 1 and 2 Required) (formerly Freshman ESS and Sophomore Fitness for Life)</p> <p>.5 credits Health</p> <p>.5 credits Financial Literacy (required) (Personal Financial Literacy, Financial Math or AP Macroeconomics will meet this requirement)</p> <p>1.5 credits Vocational/Fine Arts/World Language Any of the following: Agri Science, Art, Business & Information Technology, Family & Consumer Science, Industrial Technology, Music or World Language</p> <p>9.5 credits Elective Credits</p>
26.5 credits Total Credits

1. Students who received credit at the Tomah Middle School 8th grade level for Algebra, German or Spanish need to make sure that they take the required courses to meet THS graduation requirements and to meet college admissions requirements. *Students who attend or St. Paul Lutheran School or Queen of The Apostles School please refer to page 80.*
2. Students are required to sign up for 8 credits for the 2023-2024 school year.
3. Some classes (i.e. art courses, shop project courses) may require a fee to cover the cost of materials. Students will be notified of specific amounts by the course instructor.

College Bound Students:

All 4-year Wisconsin Public Universities (UW System Schools) require a *minimum* of 13 core college-prep credits plus 4 "elective" credits (as listed):

4 credits of English

3 credits of Social Studies

3 credits of Math - Algebra 1, Geometry, Algebra 2 (minimum)

3 credits of Natural Science

4 credits of electives: from the core college preparatory areas above, foreign language, fine arts, computer science and other academic areas. A minimum of two credits of a single foreign language is required for admission to UW Madison and may help to meet graduation requirements at other UW System campuses.

Check out information online at www.uwhelp.wisconsin.edu.

1. The minimum credits necessary to graduate from Tomah Senior High School may not meet *minimum* requirements for admission to universities or technical colleges. Often a student needs to take additional appropriate coursework to be qualified for the next educational level. *Students should check periodically with school counselors or at www.uwhelp.wisconsin.edu regarding specific school admissions requirements.*
2. College Bound Juniors – All Juniors will take the ACT in the spring of your junior year. Campus visits should be made during the junior year and the summer following.
3. College Bound Seniors – UW schools recommend you submit your application for admission beginning September 1 of your senior year. Some private schools and technical schools recommend submitting your admissions application once you complete your junior year. We strongly recommend early application.

Your Four-Year Course Plan (Required Courses are Shown)

Emphasis: Pre-College _____ Pre-Technical _____ Other _____

	Grade 9	CR	Grade 10	CR	Grade 11	CR	Grade 12	CR
English 4 Credits	<i>Freshman English</i> Or <i>Freshman English AP Prep</i>	1.0	<i>Sophomore English</i> Or <i>Sophomore English AP Prep</i>	1.0	<i>Junior English</i> Or <i>AP English Literature & Composition</i>	1.0	<i>Senior English</i> Or <i>AP English Language & Composition</i>	1.0
Social Studies 3 Credits	<i>World History</i>	1.0	<i>U.S. History I Civics</i>	.50 .50	<i>U.S. History II Civics</i>	1.0 .50	<i>Civics</i> (if you have not taken Econ/Civics) OR <i>AP Macroeconomics</i>	.50 1.0
Math 3 Credits								
Science 3 Credits	<i>Biology</i>	1.0						
Exercise & Sport Science Minimum of .50 credit 9 th .50 credit 10 th .50 credit 11 th or 12 th	<i>Exercise & Sport Science 1</i>	.50	<i>Exercise & Sport Science 2</i>	.50	<i>11th or 12th (minimum of .50 credit)</i>			
Vocational or Fine Arts ----- 1.5 Credit								
Financial Literacy .50 credit					<i>11th or 12th Personal Financial Literacy</i> Or <i>Financial Math</i> OR <i>AP Macroeconomics</i>			
Health .50 Credit	<i>Health</i>	.50						
Additional Credits to equal graduation requirements								
Total Credits								

Career Pathways Available with Tomah High School Courses

*Transcript Credit

AG Animal

- Small Animals
- Animal Nutrition
- AG Bus. and Marketing
- *Horse, Livestock, and Dairy Cattle Science
- *Vet Science
- Ag Processing
- *Bio Tech in Agri science
- Electricity
- YA Ag Animal

AG Plant

- *Horticulture
- Landscape & Greenhouse Management
- Ag Processing
- Wildlife, Natural Resource
- *Bio Tech in Agri science
- YA Ag Horticulture

Automotive

- Small Engines
- Car Care
- *Voc. Auto Mechanics
- YA Transportation

Construction

- Women in Technology
- *CAD Drafting
- Intro to Woodworking
- Woods 2
- Architectural Drawing, I
- Architectural Drawing II
- Electricity
- *Const. Industry Basics
- Voc. Building Trades
- YA Construction

Early Childhood

- Human Relationships
- *Infant & Toddler
- *Child Development
- *Assistant Child Care Teacher
- *Intro to Educational Practices
- State Co-Op Child Care Serv.
- *Education Practicum 1

Education and Training

- Human Relationships
- *Child Development
- Intro to Educational Practices
- *Education Practicum 1

Finance

- *Intro to Business
- Business & Personal Law
- *Careers Communication
- *Personal Finance
- Accounting
- *Accounting Principles 1
- *Comp. Apps for Business
- Y.A. Finance

Food Service

- Foods for Life
- *Culinary Basics
- *Basic Baking
- Y.A. Hospitality

Health Science

- Advanced Health
- Health Occupations
- Anatomy/Physiology – Honors
- Professional Patient Care
- Clinical Observations
- Medical Terminology
- *Nursing Assistant
- YA Health Science

Human Services

- Human Relationships
- Fabrics and Fashion
- Housing & Interior Design
- Adv. Housing & Interior Design

Information Technology

- *Comp. Apps for Business
- Web Page Design
- *Any Y.O. WTC course (such as Web Programming, Scripting and Automation), vary year to year.
- AP PLTW Comp. Science
- YA Info Technology

Manufacturing

- Women in Technology
- *CAD Drafting
- Intro to Welding & Machining
- *Machine Shop
- *Welding
- Computer Integrated Metals
- Vocational Metalworking
- YA Manufacturing

Marketing

- *Intro to Business
- *Marketing
- Sports & Entertainment Marketing
- *Advanced Marketing – S1
- *Advanced Marketing –S2
- Business & Personal Law
- *Careers Communication
- *Comp. Apps for Business
- YA Marketing

STEM

- PLTW Intro to Engineering Design
- PLTW Principles of Engineering
- PLTW Digital Electronics
- AP PLTW Comp. Science
- YA STEM

TOMAH HIGH SCHOOL COURSE OFFERINGS FOR FRESHMEN – CLASS OF 2029

(P) This course has a prerequisite (please see course description booklet for additional information) Updated 12-27-2024

English

- 101 Freshman English__1.0 Credit
103 Freshman English AP Prep (P)__1.0 Credit

Exercise & Sport Science Courses

- 601 Exercise & Sport Science 1___.50 Credit

Health Courses

- 611 Health___.50 Credit

Math Courses

- 261 Algebra 1- A___.50 Credit
262 Algebra 1- B___.50 Credit
266 Algebra 1 (Year)__1.0 Credit
276 Geometry (Year)__1.0 Credit

- 279 Algebra 2 (Year)__ 1.0 Credit

Science Courses

- 301 Biology__1.0 Credit

Social Studies Courses

- 201 World History__1.0 Credit
203 World History – Honors (P)__1.0 Credit

Study Hall *

- 980 Study hall – Semester 1
981 Study hall – Semester 2
982 Study hall – JAG

Note- Study Halls do not offer credit

Elective Courses

Students be sure that you meet the listed prerequisites for classes. Students who do not meet prerequisites for a class will be removed.

Agriculture Courses

- 403 Small Animals___.50 Credit
407 Animal Nutrition___.50 Credit
418 Horticulture___.50 Credit

Art Courses

- 615 Introduction to Art___.50 Credit
617 Drawing 1 (P)___.50 Credit
621 Graphic Art 1 (P)___.50 Credit
623 Painting 1 (P)___.50 Credit
627 Jewelry/Art Metals (P)___.50 Credit
630 Ceramics 1 (P)___.50 Credit
634 Photography 1 (P)___.50 Credit
640 Yearbook (P)__1.0 Credit

Business Courses

- 445 Introduction to Business___.50 Credit
453 Career Communication___.50 Credit
470 Computer Applications for Business___.50 Credit

Family & Consumer Science Courses

- 501 Foods for Life___.50 Credit
515 Infant & Toddler___.50 Credit
525 Fabrics and Fashion___.50 Credit
535 Human Relationships___.50 Credit

JAG (Jobs for America's Graduates)

- 700 JAG 9th Grade__1.0 Credit

JROTC (Junior Reserve Officers' Training Corp)

- 9086 LET 1: The Emerging Leader__1.0 Credit

Industrial Technology Courses

- 548 Women in Technology___.50 Credit
549 CAD Drafting___.50 Credit
551 Drafting/Woods___.50 Credit
553 Intro to Welding & Machining___.50 Credit
572 Small Engines___.50 Credit

Music Courses Credit

- 671 Music Appreciation___.50 Credit
675 Mixed Choir__1.0 Credit
677 Treble Choir (P)__1.0 Credit
682 Color Guard___.25 Credit
684 Concert Band/Marching Band__1.0 Credit
685 Wind & Percussion Ensemble__1.0 Credit

Project Lead the Way Credit

- 582 Intro to Engineering Design (P)__1.0 Credit

World Language Courses Credit

Student has a "C" average in English

- 361 German 1 (P)__1.0 Credit
363 German 2 (P)__1.0 Credit
371 Spanish 1 (P)__1.0 Credit

- 373 Spanish 2 (P)__1.0 Credit

- 380 Hoocak 1 (HoChunk) (P)__1.0 Credit

Special Education Courses:

(Your case manager's signature is required to be enrolled in any of the courses listed below.)

609 ESS Modified Activity Course_____	1.0
699 ESS Stress Management (PACK)_____	1.0
800 Basic English A_____	1.0
801 Basic English B- Everyday Reading_____	1.0
805 English 4 Workplace Communications_____	0.5
810 Daily Living Math A_____	1.0
811 Basic Math 1_____	1.0
812 Basic Math 2_____	1.0
815 Consumer Math_____	1.0
819 Vocational Skills_____	1.0
821 Basic Life Science_____	1.0
822 Daily Living Skills_____	1.0
823 General Science- Semester 1_____	.50
824 General Science- Semester 2_____	.50
826 Daily Living Health_____	.50
828 Daily Living Social Studies_____	1.0
836 World History Sem 1_____	.50
837 World History Sem 2_____	.50
830 U.S. History 2 Sem 1_____	.50
831 U.S. History 2 Sem 2_____	.50
832 Economics/Civics*_____	1.0
840 Cardshop_____	.50
841 Goodwill_____	1.0
842 Transition_____	.50
845 Success Center – Sem 1_____	.50
846 Success Center- Sem 2_____	.50
850 PACK Program_____	Varied

The counselors will be available to help students and parents entering course choices into the computer. Be sure to have your Chromebook and your Infinity password with you. E-mail your counselor to set up an appointment:

Last Names: A-G danielkorson@tomah.education
H-O veronicanelson@tomah.education
P-Z lisaking@tomah.education

TOMAH HIGH SCHOOL COURSE OFFERINGS FOR SOPHOMORES – CLASS OF 2028

(P) This course has a prerequisite (please see course description booklet for additional information)

Updated 12-27-2024

English Courses

- 101 Freshman English__ 1.0 Credit
- 106 Sophomore English__ 1.0 Credit
- 109 Sophomore English AP Prep (P)__ 1.0 Credit
- 133 Creative Writing (P)__ .50 Credit

Exercise & Sport Science Courses

- 601 Exercise & Sport Science 1__ .50 Credit
- 602 Exercise & Sport Science 2 (P)__ .50 Credit
- 604 Adv Challenge/Outdoor Pursuit of Fit. (P)__ .50 Credit
- 605 Individual Activities (P)__ .50 Credit

Math Courses

- 266 Algebra 1 (Year)__ 1.0 Credit
- 261 Algebra 1-A__ .50 Credit
- 262 Algebra 1-B__ .50 Credit
- 263 Algebra 1-C__ .50 Credit
- 276 Geometry (Year) (P)__ 1.0 Credit
- 271 Geometry-A (P)__ .50 Credit
- 272 Geometry-B (P)__ .50 Credit
- 273 Geometry-C (P)__ .50 Credit

Math Courses Continued

- 279 Algebra 2 (P)__ 1.0 Credit
- 285 AP Pre-Calculus (P)__ 1.0 Credit

Science Courses

- 301 Biology__ 1.0 Credit
- 309 Environmental Chemistry__ 1.0 Credit
- 311 Chemistry (P)__ 1.0 Credit
- 319 Physics (P)__ 1.0 Credit
- 325 Earth and Space Science__ 1.0 Credit

Social Studies Courses

- 201 World History__ 1.0 Credit
- 205 U.S. History 1 (Exploration to 1865)__ .50 Credit
- 207 U.S. History 1 (Exp. to 1865) Honors (P)__ .50 Credit
- 215 Civics__ .50 Credit

Study Hall

- 980 Study hall – Semester 1
- 981 Study hall – Semester 2
- 982 Study hall – JAG

Note- Study Halls do not offer credit

Elective Courses

Students be sure that you meet the listed prerequisites for classes. Students who do not meet prerequisites for a class will be removed

Agriculture Courses

- 403 Small Animals__ .50 Credit
- 407 Animal Nutrition__ .50 Credit
- 413 Ag Business and Marketing__ .50 Credit
- 415 Horse, Livestock & Dairy Cattle Science__ .50 Credit
- 418 Horticulture__ .50 Credit
- 419 Landscape and Greenhouse Mgmt. (P)__ .50 Credit
- 421 Agriculture Processing__ .50 Credit
- 423 Wildlife, Natural Resources & Forestry__ .50 Credit

Art Courses

- 615 Introduction to Art__ .50 Credit
- 616 Folk Art__ .50 Credit
- 617 Drawing 1 (P)__ .50 Credit
- 618 Drawing 2 (P)__ .50 Credit
- 619 Drawing 3 (P)__ .50 Credit
- 621 Graphic Art 1 (P)__ .50 Credit
- 622 Graphic Art 2 (P)__ .50 Credit
- 623 Painting 1 (P)__ .50 Credit
- 624 Painting 2 (P)__ .50 Credit
- 625 Painting 3 (P)__ .50 Credit
- 627 Jewelry/Art Metals 1 (P)__ .50 Credit
- 628 Jewelry/Art Metals 2 (P)__ .50 Credit
- 630 Ceramics 1 (P)__ .50 Credit
- 631 Ceramics 2 (P)__ .50 Credit
- 632 Ceramics 3 (P)__ .50 Credit
- 634 Photography 1 (P)__ .50 Credit
- 635 Photography 2 (P)__ .50 Credit
- 640 Yearbook (P)__ 1.0 Credit
- 641 Advanced Yearbook (P)__ 1.0 Credit

Business Courses

- 442 Web Page Design__ .50 Credit
- 445 Introduction to Business__ .50 Credit
- 448 Marketing__ .50 Credit
- 450 Adv Marketing – (Sem 1) (P)__ .50 Credit
- 451 Adv Marketing – (Sem 2) (P)__ .50 Credit
- 453 Careers Communication (P)__ .50 Credit
- 461 Accounting (P)__ .50 Credit
- 470 Computer App. for Bus__ .50 Credit

Family & Consumer Science Courses

- 501 Foods for Life__ .50 Credit
- 503 Culinary Basics (P)__ .50 Credit
- 515 Infant & Toddler__ .50 Credit
- 516 Child Development (P)__ .50 Credit
- 517 Intro to Educational Practices (P)__ .50 Credit
- 525 Fabrics and Fashion__ .50 Credit
- 535 Human Relationships__ .50 Credit
- 543 Housing & Interior Design__ .50 Credit
- 9087 Food Science (P)__ .50 Credit

Health & Health Career Courses

- 611 Health__ .50 Credit
- 614 Health Occupations__ .50 Credit

Industrial Technology Courses

- 548 Women in Technology__ .50 Credit
- 549 CAD Drafting__ .50 Credit
- 551 Intro to Woodworking__ .50 Credit
- 553 Intro to Welding & Machining__ .50 Credit
- 557 Woods 2 (P)__ .50 Credit
- 559 Architectural Drawing I (P)__ .50 Credit
- 563 Architectural Drawing II (P)__ .50 Credit
- 572 Small Engines__ .50 Credit
- 573 Machine Shop (P)__ .50 Credit
- 574 Car Care__ .50 Credit
- 575 Welding (P)__ .50 Credit
- 579 Const. Industry Basics (P)__ .50 Credit
- 581 Computer Integrated Metals__ .50 Credit

JAG (Jobs for America's Graduates)

- 701 JAG 10th Grade__ 1.0 Credit

JROTC (Junior Reserve Officers' Training Corps)

- 9086 LET 1: The Emerging Leader__ 1.0 Credit
- 9088 LET 2: The Developing Leader (P)__ 1.0 Credit

Miscellaneous Courses

- 698 Leadership (P)__ .50 Credit

TOMAH HIGH SCHOOL COURSE OFFERINGS FOR SOPHOMORES – CLASS OF 2028

(P) This course has a prerequisite (please see course description booklet for additional information)

Updated 12-27-2024

Music Courses Credit

- 671 Music Appreciation__**.50 Credit**
- 675 Mixed Choir__**1.0 Credit**
- 677 Treble Choir (P)__**1.0 Credit**
- 679 Select Choir (P)__**1.0 Credit**
- 682 Color Guard__**.25 Credit**
- 684 Concert Band/Marching Band__**1.0 Credit**
- 685 Wind & Perc Ens./Marching Band__**1.0 Credit**

Project Lead the Way Credit

- 582 Intro to Engineering Design (P)__**1.0 Credit**
- 583 Principles of Engineering (P)__**1.0 Credit**

World Language Courses Credit

- 361 German 1 (P)__**1.0 Credit**
- 363 German 2 (P)__**1.0 Credit**
- 365 German 3 (P) Honors__**1.0 Credit**
- 371 Spanish 1 (P)__**1.0 Credit**
- 373 Spanish 2 (P)__**1.0 Credit**
- 375 Spanish 3 (P) Honors__**1.0 Credit**
- 380 Hoocak 1 (HoChunk) (P)__**1.0 Credit**
- 381 Hoocak 2 (HoChunk) (P)__**1.0 Credit**
- 390 Independent Languages (P)
(Teacher Approval Only)__**1.0 Credit**

Special Education Courses:

(Your case manager’s signature is required to be enrolled in any of the courses listed below.)

609 ESS Modified Activity Course_____	1.0
699 ESS Stress Management (PACK)_____	1.0
800 Basic English A_____	1.0
801 Basic English B- Everyday Reading_____	1.0
805 English 4 Workplace Communications_____	0.5
810 Daily Living Math A_____	1.0
811 Basic Math 1_____	1.0
812 Basic Math 2_____	1.0
815 Consumer Math_____	1.0
819 Vocational Skills_____	1.0
821 Basic Life Science_____	1.0
822 Daily Living Skills_____	1.0
823 General Science- Semester 1_____	.50
824 General Science- Semester 2_____	.50
826 Daily Living Health_____	.50
828 Daily Living Social Studies_____	1.0
836 World History Sem 1_____	.50
837 World History Sem 2_____	.50
830 U.S. History 2 Sem 1_____	.50
831 U.S. History 2 Sem 2_____	.50
832 Economics/Civics*_____	1.0
840 Cardshop_____	.50
841 Goodwill_____	1.0
842 Transition_____	.50
845 Success Center – Sem 1_____	.50
846 Success Center- Sem 2_____	.50
850 PACK Program_____	Varied

The counselors will be available to help students and parents entering course choices into the computer. Be sure to have your Chromebook and your Infinity password with you. E-mail your counselor to set up an appointment:

- Last Names: A-G danielkorson@tomah.education
- H-O veronicanelson@tomah.education
- P-Z lisaking@tomah.education

TOMAH HIGH SCHOOL COURSE OFFERINGS FOR JUNIORS – CLASS OF 2027

(P) This course has a prerequisite (please see course description booklet for additional information)

Updated 12-27-2024

English Credit

- 115 Junior English – U.S. Lit. Emphasis__ 1.0 Credit
- 129 AP English Literature and Composition (P)__1.0 Credit
- 133 Creative Writing (P)___.50 Credit

Exercise & Sport Science Courses Credit

- 603 Junior/Senior Fitness for Life (P)___.50 Credit
- 604 Adv Challenge/Outdoor Pursuit of Fit. (P)___.50 Credit
- 605 Individual Activities (P)___.50 Credit
- 606 Team Sports for Life (P)___.50 Credit

Math Courses Credit

- 266 Algebra 1 (Year) __1.0 Credit
- 261 Algebra 1-A __.50 Credit
- 262 Algebra 1-B __.50 Credit
- 263 Algebra 1-C __.50 Credit
- 276 Geometry (Year) (P) __1.0 Credit
- 271 Geometry-A (P) __.50 Credit
- 272 Geometry-B (P) __.50 Credit
- 273 Geometry-C (P) __.50 Credit
- 279 Algebra 2 (P) __1.0 Credit
- 280 Financial Math (P) __.50 Credit
- 283 Intro to Statistics (P) __.50 Credit
- 285 AP Pre-Calculus (P) __1.0 Credit
- 291 AP Calculus (P) __1.0 Credit
- 295 AP Statistics (P) __1.0 Credit

Science Courses

- 305 AP Biology (P) __1.0 Credit
- 309 Environmental Chemistry __1.0 Credit
- 311 Chemistry (P) __1.0 Credit
- 313 AP Chemistry (P) __1.0 Credit
- 315 Anatomy/Physiology Honors (P) __1.0 Credit
- 319 Physics (P) __1.0 Credit
- 321 AP Physics 1 (P) __1.0 Credit
- 325 Earth and Space Science __1.0 Credit

Social Studies Courses

- 209 U.S. History 2 (1865-Present) __1.0 Credit
- 211 U.S. History 2 (1865-Present) Honors (P) __1.0 Credit
- 215 Civics __.50 Credit
- 216 Economics __.50 Credit
- 217 AP Macroeconomics (P) __1.0 Credit
- 224 Minority Studies/Social Issues __.50 Credit
- 225 Recent American History (P) __.50 Credit
- 229 Psychology __.50 Credit
- 231 AP Psychology __1.0 Credit
- 233 AP Human Geography (P) __1.0 Credit

Study Hall

- 980 Study hall – Semester 1
- 981 Study hall – Semester 2
- 982 Study hall – JAG

Note- Study Halls do not offer credit

Elective Courses

Students be sure that you meet the listed prerequisites for classes. Students who do not meet prerequisites for a class will be removed.

Agriculture Courses

- 403 Small Animals __.50 Credit
- 407 Animal Nutrition __.50 Credit
- 413 Ag Business and Marketing __.50 Credit
- 415 Horse, Livestock & Dairy Cattle Science __.50 Credit
- 416 Veterinary Science (P) __.50 Credit
- 418 Horticulture __.50 Credit
- 419 Landscape and Greenhouse Mgmt. (P) __.50 Credit
- 421 Agriculture Processing __.50 Credit
- 423 Wildlife, Natural Resources & Forestry __.50 Credit
- 427 Biotechnology in Agri science (P) __.50 Credit

Art Courses

- 615 Introduction to Art __.50 Credit
- 616 Folk Art __.50 Credit
- 617 Drawing 1 (P) __.50 Credit
- 618 Drawing 2 (P) __.50 Credit
- 619 Drawing 3 (P) __.50 Credit
- 620 Drawing 4 (P) __.50 Credit
- 621 Graphic Art 1 (P) __.50 Credit
- 622 Graphic Art 2 (P) __.50 Credit
- 623 Painting 1 (P) __.50 Credit
- 624 Painting 2 (P) __.50 Credit
- 625 Painting 3 (P) __.50 Credit
- 626 Painting 4 (P) __.50 Credit
- 627 Jewelry/Art Metals 1 (P) __.50 Credit
- 628 Jewelry/Art Metals 2 (P) __.50 Credit
- 630 Ceramics 1 (P) __.50 Credit
- 631 Ceramics 2 (P) __.50 Credit
- 632 Ceramics 3 (P) __.50 Credit
- 634 Photography 1 (P) __.50 Credit
- 635 Photography 2 (P) __.50 Credit
- 636 Media Production (Sem) __.50 Credit
- 638 Adv Media Production (Sem) __.50 Credit
- 639 Adv Media Production (Year) __1.0 Credit
- 640 Yearbook (P) __1.0 Credit
- 641 Advanced Yearbook (P) __1.0 Credit
- 645 AP Studio Art Drawing (P) __1.0 Credit
- 646 AP Studio Art 2-D Design (P) __1.0 Credit

- 647 AP Studio Art 3-D Design (P) __1.0 Credit

Business Courses

- 442 Web Page Design __.50 Credit
- 445 Introduction to Business __.50 Credit
- 448 Marketing __.50 Credit
- 449 Sports and Entertainment Marketing (P) __.50 Credit
- 450 Adv Marketing – (Sem 1) (P) __.50 Credit
- 451 Adv Marketing – (Sem 2) (P) __.50 Credit
- 452 Business and Personal Law __.50 Credit
- 453 Careers Communication __.50 Credit
- 455 Personal Financial Literacy __.50 Credit
- 461 Accounting (P) __.50 Credit
- 463 Accounting Principles (P) __1.0 Credit
- 470 Computer Applications for Business __.50 Credit

Family & Consumer Science Courses

- 501 Foods for Life __.50 Credit
- 503 Culinary Basics (P) __.50 Credit
- 505 Basic Baking (P) __.50 Credit
- 515 Infant & Toddler __.50 Credit
- 516 Child Development (P) __.50 Credit
- 517 Intro to Educational Practices (P) __.50 Credit
- 519 Assistant Child Care Teacher (P) __.50 Credit
- 525 Fabrics & Fashion __.50 Credit
- 535 Human Relationships __.50 Credit
- 543 Housing & Interior Design __.50 Credit
- 544 Advanced Housing & Interior Design (P) __.50 Credit
- 9087 Food Science (P) __.50 Credit

The counselors will be available to help students and parents entering course choices into the computer. Be sure to have your Chromebook and your Infinity password with you. E-mail your counselor to set up an appointment:

Last Names: A-G danielkorson@tomah.education
H-O veronicanelson@tomah.education
P-Z lisaking@tomah.education

TOMAH HIGH SCHOOL COURSE OFFERINGS FOR JUNIORS – CLASS OF 2027 (cont.)

(P) This course has a prerequisite (please see course description booklet for additional information) Updated 12-27-2024

Health & Medical Careers Courses

- 613 Advanced Health **.50 Credit**
- 315 Anatomy/ Physiology- Honors **1.0 Credit**
- 340 Professional Patient Care **.50 Credit**
- 343 Medical Terminology **.50 Credit**
- 733 Nursing Assistant (P) **.50 Credit**

Industrial Technology Courses

- 548 Women in Technology **.50 Credit**
- 549 CAD Drafting **.50 Credit**
- 551 Intro to Woodworking **.50 Credit**
- 553 Intro to Welding/Machining **.50 Credit**
- 557 Woods 2 (P) **.50 Credit**
- 559 Architectural Drawing 1 (P) **.50 Credit**
- 563 Architectural Drawing 2 (P) **.50 Credit**
- 572 Small Engines **.50 Credit**
- 573 Machine Shop (P) **.50 Credit**
- 574 Car Care **.50 Credit**
- 575 Welding (P) **.50 Credit**
- 579 Const. Industry Basics (P) (Prev. Framing) **.50 Credit**
- 581 Computer Integrated Metals **.50 Credit**
- 587 Voc. Building Trades (P) (2- hour block) **2.0 Credit**
- 588 Voc. Metalworking (P) **1.0 Credits**
- 589 Voc. Auto Mechanics (P) **1.0 Credits**

JAG (Jobs for America's Graduates)

- 702 JAG 11th Grade **1.0 Credit**

JROTC (Junior Reserve Officers' Training Corps)

- 9086 LET 1: The Emerging Leader **1.0 Credit**
- 9088 LET 2: The Developing Leader (P) **1.0 Credit**
- 9089 LET 3: The Supervising Leader (P) **1.0 Credit**
- 9090 LET 4: The Managing Leader (P) **1.0 Credit**

Miscellaneous Courses

- 698 Leadership (P) **.50 Credit**
- 709 Universal Leadership & Life Skills Mentor **.50 Credit**
- 713 High School Counseling Worker **.25 Credit**
- 714 Counseling Office Worker **.25 Credit**

Music Courses

- 671 Music Appreciation (P) **.50 Credit**
- 673 Music Theory Honors **.50 Credit**
- 674 AP Music Theory **1.0 Credit**
- 675 Mixed Choir **1.0 Credit**
- 677 Treble Choir (P) **1.0 Credit**
- 679 Select Choir (P) **1.0 Credit**
- 682 Color Guard **.25 Credit**
- 684 Concert Band/Marching Band **1.0 Credit**
- 684 Wind & Per. Ens./Marching Band **1.0 Credit**

Project Lead the Way (PLTW)

- 582 Intro to Engineering (P) **1.0 Credit**
- 583 Principles of Engineering (P) **1.0 Credit**
- 584 Digital Electronics (P) **1.0 Credit**
- 585 AP Computer Science Principles (P) **1.0 Credit**

World Language Courses

- 361 German 1 (P) **1.0 Credit**
- 363 German 2 (P) **1.0 Credit**
- 365 German 3 Honors (P) **1.0 Credit**
- 367 German 4 Honors (P) **1.0 Credit**

World Language Courses Continued

- 371 Spanish 1 (P) **1.0 Credit**
- 373 Spanish 2 (P) **1.0 Credit**
- 375 Spanish 3 (P) **1.0 Credit**
- 377 Spanish 4 Honors (P) **1.0 Credit**
- 380 Hoocak 1 (HoChunk) (P) **1.0 Credit**
- 381 Hoocak 2 (HoChunk) (P) **1.0 Credit**
- 382 Hoocak 3 (HoChunk) (P) **1.0 Credit**
- 390 Independent Languages (P)
(Teacher Approval Only) **1.0 Credit**

Youth Apprenticeship (MAX Credit 1.0 Per Semester)

- 762 Youth Apprenticeship- Animal Science (P)
- 763 Youth Apprenticeship- Horticulture (P)
- 765 Youth Apprenticeship- Finance (P)
- 766 Youth Apprenticeship- Information Tech (P)
- 788 Youth Apprenticeship- Marketing
- 771 Youth Apprenticeship- Hospitality (P)
- 780 Youth Apprenticeship- Manufacturing (P)
- 782 Youth Apprenticeship- Transportation (P)
- 784 Youth Apprenticeship- Construction (P)
- 797 Youth Apprenticeship- STEM

Special Education Courses

(Your case manager's signature is required to be enrolled in any of the courses listed below)

609 ESS Modified Activity Course	1.0
699 ESS Stress Management PACK	1.0
800 Basic English A	1.0
801 Basic English B- Everyday Reading	1.0
805 English 4- Workplace Communications	.50
810 Daily Living Math A	1.0
811 Basic Math 1	1.0
812 Basic Math 2	1.0
815 Consumer Math	1.0
819 Vocational Skills	1.0
821 Basic Life Science	1.0
822 Daily Living Skills	1.0
823 General Science- Semester 1	.50
824 General Science – Semester 2	.50
831 Daily Living Health	.50
828 Daily Living Social Studies	1.0
836 World History Semester 1	.50
837 World History Semester 2	.50
830 U.S. History 2 Semester 1	.50
831 U.S. History 2 Semester 2	.50
832 Economics/Civics*	1.0
840 Cardshop	1.0
841 Goodwill	1.0
842 Transition	.50
845 Success Center- Semester 1	.50
846 Success Center- Semester 2	.50
850 PACK Program- Credits Varied	

TOMAH HIGH SCHOOL COURSE OFFERINGS FOR SENIORS – CLASS OF 2026

(P) This course has a prerequisite (please see course description booklet for additional information)

Updated 12-27-2024

English Courses

- 115 Junior English – U.S. Lit Emphasis__ 1.0 Credit
- 125 Senior English__1.0 Credit
- 129 AP English Literature and Composition (P)__1.0 Credit
- 131 AP English Language & Composition (P)__1.0 Credit
- 133 Creative Writing (P) __.50 Credit

Exercise & Sport Science Courses

- 603 Junior/Senior Fitness for Life (P)___.50 Credit
- 604 Adv Challenge/Outdoor Pursuit of Fit (P)___.50 Credit
- 605 Individual Activities (P)___.50 Credit
- 606 Team Sports for Life (P)___.50 Credit

Math Courses

- 276 Geometry (Year) (P)__1.0 Credit
- 271 Geometry-A (P)___.50 Credit
- 272 Geometry-B (P)___.50 Credit
- 273 Geometry-C (Sem 1)(P)___.50 Credit
- 279 Algebra 2 (P) __1.0 Credit
- 280 Financial Math (P) __.50 Credit
- 283 Intro to Statistics (P) __.50 Credit
- 285 AP Pre-Calculus (P) __1.0 Credit
- 291 AP Calculus (P) __1.0 Credit
- 295 AP Statistics (P) __1.0 Credit

Science Courses

- 305 AP Biology (P) __ 1.0 Credit
- 309 Environmental Chemistry __1.0 Credit
- 311 Chemistry (P) __1.0 Credit
- 313 AP Chemistry (P) __1.0 Credit
- 315 Anatomy/Physiology (P) __1.0 Credit
- 319 Physics (P) __1.0 Credit
- 321 AP Physics 1 (P) __1.0 Credit
- 325 Earth and Space Science __1.0 Credit

Social Studies Courses

- 209 U.S. History 2 (1865-Present) __1.0 Credit
- 211 U.S. History 2 (1865-Present) Honors (P) __1.0 Credit
- 215 Civics __.50 Credit
- 216 Economics __.50 Credit
- 217 AP Macroeconomics (P) __1.0 Credit
- 224 Minority Studies/Social Issues __.50 Credit
- 225 Recent American History (P) __.50 Credit
- 229 Psychology __.50 Credit
- 231 AP Psychology __1.0 Credit
- 233 AP Human Geography (P) __1.0 Credit

Study Hall

- 980 Study hall – Semester 1
- 981 Study hall – Semester 2
- 982 Study hall – JAG

Note- Study Halls do not offer credit

Elective Courses

Students be sure that you meet the listed prerequisites for classes. Students who do not meet prerequisites for a class will be removed.

Agriculture Courses

- 407 Animal Nutrition __.50 Credit
- 413 Ag Business and Marketing __.50 Credit
- 415 Horse, Livestock & Dairy Cattle Science __.50 Credit
- 416 Veterinary Science (P) __.50 Credit
- 418 Horticulture __.50 Credit
- 419 Landscape and Greenhouse Mgmt. (P) __.50 Credit
- 421 Agriculture Processing __.50 Credit
- 423 Wildlife, Natural Resources & Forestry __.50 Credit
- 427 Biotechnology in Agri science (P) __.50 Credit

Art Courses

- 615 Introduction to Art __.50 Credit
- 616 Folk Art __.50 Credit
- 617 Drawing 1 (P) __.50 Credit
- 618 Drawing 2 (P) __.50 Credit
- 619 Drawing 3 (P) __.50 Credit
- 620 Drawing 4 (P) __.50 Credit
- 621 Graphic Art 1 (P) __.50 Credit
- 622 Graphic Art 2 (P) __.50 Credit
- 623 Painting 1 (P) __.50 Credit
- 624 Painting 2 (P) __.50 Credit
- 625 Painting 3 (P) __.50 Credit
- 626 Painting 4 (P) __.50 Credit
- 627 Jewelry/Art Metals 1 (P) __.50 Credit
- 628 Jewelry Art/Metals 2 (P) __.50 Credit
- 630 Ceramics 1 (P) __.50 Credit
- 631 Ceramics 2 (P) __.50 Credit
- 632 Ceramics 3 (P) __.50 Credit
- 634 Photography 1 (P) __.50 Credit
- 635 Photography 2 (P) __.50 Credit
- 636 Media Production (Sem) __.50 Credit
- 638 Adv Media Production (Sem) __.50 Credit
- 639 Adv Media Production (Year) __1.0 Credit

Art Courses Continued

- 640 Yearbook (P) __1.0 Credit
- 641 Advanced Yearbook (P) __1.0 Credit
- 645 AP Studio Art Drawing (P) __1.0 Credit
- 646 AP Studio Art 2-D Design (P) __1.0 Credit
- 647 AP Studio Art 3-D Design (P) __1.0 Credit

Business Courses

- 442 Web Page Design __.50 Credit
- 445 Intro to Business __.50 Credit
- 448 Marketing __.50 Credit
- 449 Sports and Entertainment Marketing (P) __.50 Credit
- 450 Adv Marketing (Sem 1)(P) __.50 Credit
- 451 Adv Marketing (Sem 2) (P) __.50 Credit
- 452 Business & Personal Law __.50 Credit
- 453 Careers Communication __.50 Credit
- 455 Personal Financial Literacy __.50 Credit
- 461 Accounting (P) __.50 Credit
- 463 Accounting Principles 1(P) __1.0 Credit
- 470 Computer Applications for Business __.50 Credit

Family & Consumer Science Courses

- 501 Foods for Life __.50 Credit
- 503 Culinary Basics (P) __.50 Credit
- 505 Basic Baking (P) __.50 Credit
- 515 Infant & Toddler __.50 Credit
- 516 Child Development (P) __.50 Credit
- 517 Intro to Educational Practices (P) __.50 Credit
- 519 Assistant Child Care Teacher (P) __.50 Credit
- 525 Fabrics & Fashion __.50 Credit
- 535 Human Relationships __.50 Credit
- 543 Housing & Interior Design __.50 Credit
- 544 Advanced Housing & Interior Design (P) __.50 Credit
- 9087 Food Science (P) __.50 Credit

TOMAH HIGH SCHOOL COURSE OFFERINGS FOR SENIORS – CLASS OF 2026 (Cont.)

(P) This course has a prerequisite (please see course description booklet for additional information)

Updated 12-27-2024

Health & Medical Career Courses

- 613 Advanced Health__**.50 Credit**
- 315 Anatomy/Physiology – Honors__**1.0 Credit**
- 340 Professional Patient Care__**.50 Credit**
- 342 Clinical Observations (P)__**.50 Credit**
- 343 Medical Terminology__**.50 Credit**
- 733 Nursing Assistant (P)__**1.0 Credit**

Industrial Technology Courses

- 548 Women in Technology__**.50 Credit**
- 549 CAD Drafting__**.50 Credit**
- 551 Intro to Woodworking__**.50 Credit**
- 553 Intro to Welding & Machining__**.50 Credit**
- 557 Woods 2 (Prev. Fund of Woodworking)__**.50 Credit**
- 559 Architectural Drawing I (P)__**1.0 Credit**
- 563 Architectural Drawing II (P)__**1.0 Credit**
- 572 Small Engines__**.50 Credit**
- 573 Machine Shop (P)__**.50 Credit**
- 574 Car Care__**.50 Credit**
- 575 Welding (P)__**.50 Credit**
- 579 Const. Industry Basics (Prev. Framing 1)__**.50 Credit**
- 581 Computer Integrated Metals__**.50 Credit**
- 587 Voc. Building Trades (P) (2-hour block)__**2.0 Credit**
- 588 Voc. Metalworking (P)__**1.0 Credit**
- 589 Voc. Auto Mechanics__**1.0 Credit**

JAG (Jobs for America's Graduates)

- 703 JAG 12th Grade__**1.0 Credit**

JROTC (Junior Reserve Officers' Training Corps)

- 9086 LET 1: The Emerging Leader__**1.0 Credit**
- 9088 LET 2: The Developing Leader (P)__**1.0 Credit**
- 9089 LET 3: The Supervising Leader (P)__**1.0 Credit**
- 9090 LET 4: The Managing Leader (P)__**1.0 Credit**

Miscellaneous Courses

- 709 Universal Leadership & Life Skills Mentor__**.50 Credit**
- 713 High School Office Worker__**.25 Credit**
- 714 Counseling Office Worker__**.25 Credit**
- 995 Mid-Year Graduate (P)-*This does not offer extra credit*

Music Courses

- 671 Music Appreciation (P)__**.50 Credit**
- 673 Music Theory – Honors (P)__**.50 Credit**
- 674 AP Music Theory (P)__**1.0 Credit**
- 675 Mixed Choir__**1.0 Credit**
- 677 Treble Choir (P)__**1.0 Credit**
- 679 Select Choir (P)__**1.0 Credit**
- 682 Color Guard__**.25 Credit**
- 684 Concert Band/ Marching Band__**1.0 Credit**
- 685 Wind & Perc. Ens./ Marching Band__**1.0 Credit**

Project Lead the Way

- 582 Intro to Engineering Design (P)__**1.0 Credit**
- 583 Principles of Engineering (P)__**1.0 Credit**
- 584 Digital Electronics (P)__**1.0 Credit**
- 585 AP Computer Science Principles (P)__**1.0 Credit**

World Language Courses

- 361 German 1(P)__**1.0 Credit**
- 363 German 2 (P)__**1.0 Credit**
- 365 German 3 – Honors (P)__**1.0 Credit**
- 367 German 4 – Honors (P)__**1.0 Credit**

World Languages Courses Continued

- 369 German 5 –Honors (P)__**1.0 Credit**
- 371 Spanish 1 (P)__**1.0 Credit**
- 373 Spanish 2 (P)__**1.0 Credit**
- 375 Spanish 3 - Honors (P)__**1.0 Credit**
- 377 Spanish 4 – Honors (P) __**1.0 Credit**

- 379 Spanish 5 – Honors (P)__**1.0 Credit**
- 380 Hoocak 1 (HoChunk) (P)__**1.0 Credit**
- 381 Hoocak 2 (HoChunk) (P)__**1.0 Credit**
- 382 Hoocak 3 (HoChunk) (P)__**1.0 Credit**
- 383 Hoocak 4 (HoChunk) (P)__**1.0 Credit**
- 390 Independent Languages(P)
(Teacher Approval Only)__**1.0 Credit**

Youth Apprenticeship (MAX Credit 1.0 Per Semester)

- 762 Y.A. Animal Science (P)
- 763 Y.A. Horticulture (P)
- 765 Y.A. Finance (P)
- 766 Y.A. Information Technology(P)
- 788 Y.A. Marketing
- 770 Y.A. Child Care (P)
- 771 Y.A. Hospitality – Foods (P)
- 775 Y.A. Health–Certified Nursing Assistant (P)
- 780 Y.A. Manufacturing–Welding, Machining (P)
- 782 Y.A. Transportation – Auto Diesel (P)
- 784 Y.A. Construction (P)
- 797 Y.A. Stem

The counselors will be available to help students and parents entering course choices into the computer. Be sure to have your Chromebook and your Infinity password with you. E-mail your counselor to set up an appointment:
 Last Names: A-G danielkorson@tomah.education
 H-O veronicanelson@tomah.education
 P-Z lisking@tomah.education

Special Education Courses:

(Your case manager's signature is required to be enrolled in any of the courses listed below.)

609 ESS Modified Activity Course_____	1.0
699 ESS Stress Management (PACK)_____	1.0
800 Basic English A_____	1.0
801 Basic English B- Everyday Reading_____	1.0
805 English 4 Workplace Communications_____	0.5
810 Daily Living Math A_____	1.0
811 Basic Math 1_____	1.0
812 Basic Math 2_____	1.0
815 Consumer Math_____	1.0
819 Vocational Skills_____	1.0
821 Basic Life Science_____	1.0
822 Daily Living Skills_____	1.0
823 General Science- Semester 1_____	.50
824 General Science- Semester 2_____	.50
826 Daily Living Health_____	.50
828 Daily Living Social Studies_____	1.0
836 World History Sem 1_____	.50
837 World History Sem 2_____	.50
830 U.S. History 2 Sem 1_____	.50
831 U.S. History 2 Sem 2_____	.50
832 Economics/Civics*_____	1.0
840 Cardshop_____	.50
841 Goodwill_____	1.0
842 Transition_____	.50
845 Success Center – Sem 1_____	.50
846 Success Center- Sem 2_____	.50
850 PACK Program_____	Varied

ACE Academy
(Architecture, Construction and Engineering)

The Architecture, Construction and Engineering Academy is a multi-year high school educational program that integrates academics with technical instruction in construction related fields, identifying the relevance of one to the other and thereby improving student understanding and retention. Students are scheduled to take classes together but scheduling also allows for other required and elective classes and extracurricular activities such as band and athletics.

Students need to register for a minimum of 7.00 credits.

Recommended progression of courses for prospective students

<p><u>Freshman Year</u> 101 Freshman English 263 Algebra I 301 Biology 201 World History 551 Drafting/Woods 582 PLTW Intro to Engineering Design 371 Spanish</p> <p><u>Sophomore Year</u> 106 Sophomore English 277 ACE Geometry 309 Environmental Chemistry or 311 Chemistry or 325 Earth & Space Science or 583 PLTW Principles of Engineering 205 U.S. History I 215 Economics/Civics 559 Architectural Drawing I or 579 Framing 1 (previously Fundamentals of Building Construction) 543 Housing and Interior Design</p>	<p><u>Junior Year</u> 117 Junior English – ACE 279 Algebra 2 309 Environmental Chemistry or 311 Chemistry or 325 Earth & Space Science or 319 Physics 583 PLTW Principles of Engineering 209 U. S. History II 587 Vocational Building Trades 544 Advanced Housing</p> <p><u>Senior Year</u> 285 Precalculus or 584 PLTW Digital Electronics 319 Physics 784 ACE Work Experience</p>
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Agri Science Education Courses

ID#	Course	Credit	Recommended Grade Level				Laude 	Transcripted Credit
			9	10	11	12		
403	Small Animals	.50	X	X	X			
407	Animal Nutrition	.50	X	X	X	X		
413	Ag Business and Marketing	.50		X	X	X		
415	Horse, Livestock & Dairy Cattle Science	.50		X	X	X	 Western Technical College	
416	Veterinary Science	.50			X	X		
418	Horticulture	.50	X	X	X	X	 Western Technical College	
419	Landscape and Greenhouse Management	.50		X	X	X	 Western Technical College	
421	Agriculture Processing	.50		X	X	X		
423	Wildlife, Natural Resources & Forestry	.50		X	X	X		
425	Electricity and Other Power <i>(Will be offered 2023-2024)</i>	.50		X	X	X		
427	Biotechnology in Agriculture	.50			X	X		
762	Youth Apprenticeship – Animal Science	1.0			X	X		
763	Youth Apprenticeship - Horticulture	1.0			X	X		

NOTE: FFA will be discussed in all classes. The Wisconsin Department of Public Instruction states that FFA is an intra-curricular part of agricultural education.

403 Small Animals

.50 Credit 1 Semester Grades: 9,10,11

This course will cover the management and raising of animals including cats, dogs, gerbils, hamsters, poultry, rabbits, and other hobby animals.

407 Animal Nutrition

.50 Credit 1 Semester Grades: 9,10,11,12

This course covers the proper feeding of farm animals. It will include balancing rations and studying individual needs of livestock in the areas of proteins, minerals, vitamins, and other nutrients. It will also look at different feed stuffs and animal digestive systems. Feed quality and judging will also be emphasized.

413 Ag Business and Marketing

.50 Credit 1 Semester Grades: 10,11,12

Course will be offered 2022-2023

Economics and marketing of agribusiness are the topics of this class. This course involves agribusiness records and accounts, analyzing agricultural business, tax management, insurance, budgeting and marketing, and agricultural law. This course is recommended for students planning to enter agricultural business. Some aspects of personal finance will also be discussed.

415 Horse, Livestock & Dairy Cattle Science

.50 Credit 1 Semester Grades: 10,11,12



Western Technical College

Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcripted Credit: Students who demonstrate a stated proficiency may receive transcript credit at Western Technical College.

This course will cover horses, beef, sheep, and swine. Studies will include breeds, genetics, reproduction, judging, and careers in each of the livestock areas. Milking procedures, sanitation, diseases, foaling, and training are some of the areas to be covered in this course.

416 Veterinary Science

.50 Credit 1 Semester Grades: 11,12

Prerequisite: Small Animals and Animal Nutrition or Teacher Approval.

This course is designed for animal lovers pursuing a career working with animals. Veterinary Science will be highly lab oriented with many hands-on application skills. Students will experience animal handling and restraint, preventative care and safety, parasitology identification, basic diagnosis, animal behavior, techniques to develop client relations and animal science career exploration. Seven body systems will be experienced in detail. This course will enhance current science knowledge and apply it to situations found in the world of veterinary science and medicine. *Students can earn Tomah High School elective credit or science equivalency credit, accepted by the University of Wisconsin system.*

418 Horticulture

.50 Credit 1 Semester Grades:9,10,11,12



Western Technical College

Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcripted Credit: Students who demonstrate a stated proficiency may receive transcripted credit at Western Technical College.

This course will include small and large fruits, cranberries, and lawn shrub care. Pruning of fruit trees, landscaping, grass seed mixtures for lawns, fertilization, varieties, and care of shrubs will be included in the course. Greenhouse activities will also be included in this course.

419 Landscape and Greenhouse Management

.50 Credit 1 Semester Grades: 10,11,12

Prerequisite – Horticulture

This course is designed for students who want to gain more knowledge about growing and marketing plants and designing, creating, and installing landscapes. Students will be able to use the greenhouse to grow a large variety of plants such as bedding plants, vegetables, and bulbs. Students will also be able to design, plan and install a landscape for a local community member.

421 Agriculture Processing

.50 Credit 1 Semester Grades: 10,11,12

This class will allow students to see the processing steps for cranberries from the beds to packaging to the table. There will be a unit that will cover biotechnology in agriculture and the impact it has on society. Local agriculture products that are processed in Wisconsin will be emphasized in this class. This course also includes meat cut identification, meat grading, USDA grades and meat judging. This course is designed for the person who is interested in meats, production agriculture or processing of other agricultural products.

423 Wildlife, Natural Resources & Forestry

.50 Credit 1 Semester Grades: 10,11,12

This course is designed for students interested in nature and the outdoors. Students will study natural resources, fish and wildlife management, forest management, tree identification, harvesting, and marketing wood products. Safety glasses will be required.

425 Electricity and Other Power

.50 Credit

1 Semester

Grades: 10,11,12

Course will be offered 2023-2024

In this course, time will be spent on the basic study of hydraulics, electricity, electric motors, solar power, wind energy, steam, waterpower, and photovoltaic energy. Time will be set aside to do practical house wiring as well as additional energy projects. Safety glasses will be required. **Due to the nature of the course, safety issues are a concern. Students who are unable to follow the classroom policies will be subject to removal from the class.**

427 Biotechnology in Agri science

.50 Credit

1 Semester

Grades: 11,12

Prerequisite: Biology

This course is designed to introduce students to the biotechnology revolution. Students will gain an understanding of animal genetics, including genotyping and phenotyping and biotechnology to improve animal health, plant tissue cultures, GMO activities, related biotechnology careers and biotechnology's relationship to enzymes and food processing. In addition, students will explore immunology, reproductive biotechnology, and biotechnology ethics. This course is designed for students who wish to broaden their Agri science background with experience in "real life" situations. *Students can earn Tomah High School elective credit or science equivalency credit, accepted by the University of Wisconsin system.*

762 Youth Apprenticeship – Animal Sciences

Maximum 1.0 credit per Semester

Grades: 11,12

Prerequisites: Small Animals or Animal Nutrition and concurrent enrollment in Horse, Livestock and Dairy Cattle Science, Ag Business & Marketing, Ag Processing, Biotechnology in Agri science or Veterinary Science

NOTE: Work experience placements will be based on availability of job sites.

This opportunity is designed to provide paid work experience and credit for students interested in Agriculture. Student workers may be employed in various settings in the area. Employed students may be scheduled for early dismissal depending on the job requirements and schedule. Students must be on track for graduation during the application process and must remain on track for graduation to continue in the work experience program. Students must also maintain a good attendance record at the high school throughout their work experience to continue in the program. Concurrent enrollment in 1 credit worth of related instruction is required.

Students interested in this opportunity must apply as part of the (next years) registration process. Application forms may be obtained from the content-area teacher or YA Coordinator. Job placement depends on student's ability to locate an appropriate job site.

763 Youth Apprenticeship - Horticulture

Maximum 1.0 credit per Semester

Grades: 11,12

Prerequisites: Horticulture and concurrent enrollment in one of the following: Agricultural Processing, Landscape and Greenhouse Management, Biotechnology in Agri science or Ag Business & Marketing

NOTE: Work experience placements will be based on availability of job sites.

This opportunity is designed to provide paid work experience and credit for students interested in Agriculture. Student workers may be employed in various settings in the area. Employed students may be scheduled for early dismissal depending on the job requirements and schedule. Students must be on track for graduation during the application process and must remain on track for graduation to continue in the work experience program. Students must also maintain a good attendance record at the high school throughout their work experience to continue in the program. Concurrent enrollment in 1 credit worth of related instruction is required.

Students interested in this opportunity must apply as part of the (next years) registration process. Application forms may be obtained from the content-area teacher or YA Coordinator. Job placement depends on student's ability to locate an appropriate job site.

Art Courses

ID#	Course	Credit	Recommended Grade Level				Laude 	Transcribed Credit
			9	10	11	12		
615	Introduction to Art	.50	X	X	X	X		
616	Folk Art	.50		X	X	X		
617	Drawing 1	.50	X	X	X	X		
618	Drawing 2	.50		X	X	X		
619	Drawing 3	.50		X	X	X		
620	Drawing 4	.50			X	X		
621	Graphic Art 1	.50	X	X	X	X		
622	Graphic Art 2	.50		X	X	X		
623	Painting 1	.50	X	X	X	X		
624	Painting 2	.50		X	X	X		
625	Painting 3	.50		X	X	X		
626	Painting 4	.50			X	X		
627	Jewelry/Art Metals 1	.50	X	X	X	X		
628	Jewelry/Art Metals 2	.50		X	X	X		
630	Ceramics 1	.50	X	X	X	X		
631	Ceramics 2	.50		X	X	X		
632	Ceramics 3	.50		X	X	X		
634	Photography 1	.50	X	X	X	X		
635	Photography 2	.50		X	X	X		
636	Media Production	.50			X	X		
638	Advanced Media Production (1 Sem)	.50			X	X		
639	Advanced Media Production (2 Sem)	1.0			X	X		
640	Yearbook	1.0	X	X	X	X		
641	Advanced Yearbook	1.0		X	X	X		
645	AP Studio Art Drawing	1.0			X	X		
646	AP Studio Art 2-D Design	1.0			X	X		
647	AP Studio Art 3-D Design	1.0			X	X		

The main goal of the Art Department is to provide a variety of visual experiences for the student to relate art to his/her own experiences and culture. This will be done through the following courses

NOTE: A sketchbook will be required for all Art classes.

615 Introduction to Art**.50 Credit 1 Semester****Grades:9,10,11,12**

NOTE: This course is a prerequisite for all art classes and students must pass with a C (73%) or better at Tomah Middle School or Tomah High School to advance to the next level.

This course is created for beginning students. Emphasis is placed on artistic elements of creative expression, principles of design, art history, and vocabulary. Ceramics, jewelry, sculpture, drawing, painting, and commercial art techniques are applied. Students will be required to purchase materials.

616 Folk Art**.50 Credit 1 Semester****Grades: 10,11,12**

NOTE: This is a good course for those who might be interested in taking AP 3-D Art in their junior or senior year.

FEE: \$15.00 Material Fee

In Folk Art you will learn how to create art in ways that cultures all around the world create Folk Art. You will be using materials that you can easily find locally. Projects include batik, basketry, tie dying, papermaking, artist sculptural books, and mosaics. This course utilizes design ideas of the Elements and Principles of Art.

617 Drawing 1**.50 Credit 1 Semester****Grades: 9,10,11,12**

Prerequisite - Teacher Approval OR C (73%) or better in TMS 8th grade Art or Intro to Art

FEE: \$10.00 Material Fee

This course is for students who desire to develop creativity using line. The first quarter emphasizes basic elements of line including landscape, perspective, and portraits. During the second quarter of class, different media are studied and applied. Sketchbooks are required to keep individual records of progress.

618 Drawing 2**.50 Credit 1 Semester****Grades: 10,11,12**

Prerequisite - Teacher Approval OR C (73%) or better in Drawing I

FEE: \$10.00 Material Fee

This course is designed for advanced art students who consider art as some basic element of their future. Students will meet with the instructor to pinpoint their weaknesses, strengths, and needs for development in drawing. Individual contracts, which include deadlines are made. Sketchbooks are required.

619 Drawing 3**.50 Credit 1 Semester****Grades:10,11,12**

Prerequisite - Teacher Approval OR C (73%) or better in Drawing II

FEE: \$10.00 Material Fee

This course will be a continuation of Drawing II.

620 Drawing 4**.50 Credit 1 Semester****Grades: 11,12**

Prerequisite - Teacher Approval OR C (73%) or better in Drawing III

FEE: \$10.00 Material Fee

This course is an enhancement of the learning objectives of Drawing III.

621 Graphic Art 1**.50 Credit 1 Semester****Grades:9,10,11,12**

Prerequisite – C (73%) or better in TMS 8th grade Art OR Intro to Art

This course is designed for students who intend to develop their abilities in graphic arts. Students will work primarily with Photoshop to produce art works. Computer skills are highly recommended for success in this course. The skills learned in this course are also useful in Media Production, Photography and Yearbook.

622 Graphic Art 2**.50 Credit 1 Semester****Grades: 10,11,12**

Prerequisite – C (73%) or better in Graphic Art I

This course is designed to further enhance skills learned in Graphic Art I. Students will learn more advanced Photoshop techniques, begin working with Illustrator, and further develop their understanding of and ability to use graphic arts as an advertising tool.

623 Painting 1

.50 Credit 1 Semester

Grades: 9,10,11,12

Prerequisite - Teacher Approval OR C (73%) or better in TMS 8th grade Art or Intro to Art

FEE: \$15.00 Material Fee

This course is for students who sincerely intend to develop stylistic abilities while working with the art element of color. Acrylic, oil and watercolor are included, but emphasis is placed upon painting on canvas. Painting styles, mixing, color psychology, art vocabulary, and selected artists are studied. Students will be required to purchase materials.

624 Painting 2

.50 Credit 1 Semester

Grades: 10,11,12

Prerequisite - Teacher Approval OR C (73%) or better in Painting I

FEE: \$15.00 Material Fee

This course is designed for the serious art student who wishes to continue their painting skills. Students will be able to work with different materials and the addition of 3-D elements are explored. Individual contracts with deadlines are made along with in depth studies of painters. Students are required to buy materials.

625 Painting 3

.50 Credit 1 Semester

Grades: 10,11,12

Prerequisite - Teacher Approval OR C (73%) or better in Painting II

FEE: \$15.00 Material Fee

This course is designed for the advanced art student who wishes to further their painting skills. Students are encouraged to paint their own artworks. Students will work on a theme or body of work for their portfolios. Individual contracts with deadlines are made along with in depth studies of painting. Students are required to buy materials.

626 Painting 4

.50 Credit 1 Semester

Grades: 11,12

Prerequisite - Teacher Approval OR C (73%) or better in Painting III

FEE: \$15.00 Material Fee

This course is designed for the advanced art student who wishes to further their painting skills. Students will work on a theme or body of work for their portfolios. Individual contracts with deadlines are made along with in-depth studies of painting. Students are required to buy materials.

627 Jewelry/Art Metals 1

.50 Credit 1 Semester

Grades: 9,10,11,12

Prerequisite - Teacher Approval OR C (73%) or better in TMS 8th grade Art or Intro to Art

FEE: \$15.00 Material Fee

This course is for students who seriously desire to develop skills in the art of jewelry making. Experiences in fabrication, such as, sawing, drilling, torch soldering, and industrial buffing would be introduced. Students will be required to purchase any additional materials. NOTE: The student's choice of materials will determine costs in this course.

628 Jewelry/Art Metals 2

.50 Credit 1 Semester

Grades: 10,11,12

Prerequisite - Teacher Approval OR C (73%) or better in Jewelry/Art Metals I

FEE: \$15.00 Material Fee

This course is for students who seriously desire to develop skills in the art of jewelry making. Experiences in fabrication, stone setting are introduced and mastered. Students will be required to purchase materials. NOTE: The student's choice of materials will determine costs in this course.

630 Ceramics 1

.50 Credit 1 Semester

Grades: 9,10,11,12

Prerequisite - Teacher Approval OR C (73%) or better in TMS 8th grade Art or Intro to Art

FEE: \$15.00 Material Fee

This course is a ceramic studio for students who wish to develop expressive abilities using clay. Students will be involved with hand building techniques, wheel throwing, glazing, and kiln firing procedures. Students will be required to purchase materials.

631 Ceramics 2

.50 Credit 1 Semester Grades: 10,11,12

Prerequisite – Teacher Approval OR C (73%) or better in Ceramics I.

FEE: \$15.00 Material Fee

This course is designed for Advanced ceramics students who would like to further their knowledge in clay. Students assume responsibility for loading and unloading kilns, researching, designing, and creating advanced art forms. Sketch books and materials fees are required.

632 Ceramics 3

.50 Credit 1 Semester Grades: 10,11,12

Prerequisite – Teacher Approval OR C (73%) or better in Ceramics II.

FEE: \$15.00 Material Fee

This course is designed to meet the needs of art students who want to focus on specific skills and techniques in ceramics. They need to be committed to furthering their development as an artist and be willing to do this independent of a structured class routine. Individual contracts, research work, sketchbooks, portfolio of work and critiques will be used for assessment.

634 Photography 1

.50 Credit 1 Semester Grades: 9,10,11,12

Prerequisite – C (73%) or better in TMS 8th grade Art or Intro to Art.

This course is designed for students who intend to develop and enhance their abilities with photography. Students will work with cameras, tripods, and Photoshop to produce quality artwork and prints. Computer skills are highly recommended for success in the course. The skills learned in this course are also useful in Media Productions and Yearbook.

635 Photography 2

.50 Credit 1 Semester Grades: 10,11,12

Prerequisite – C (73%) or better in Photography I

Photography II is designed for students who want to learn about the technical aspects of a camera, how they function and in which application to use them in.

636 Media Production

.50 Credit 1 Semester Grades: 11,12

This course is a semester long course which gives students the opportunity to learn the video and television production process through a real-world, hands-on approach. The course focuses on camera operation and techniques, sound and lighting techniques, script, and storyline development, editing techniques, and producing the daily announcements. Students use class time to write, direct, produce, film, and edit videos.

638 Advanced Media Production Semester

639 Advanced Media Production 2 Semester

.50 or 1.0 Credit 1 or 2 Semesters Grades: 11,12

Prerequisite – Successful completion of Media Production with a C (73%) or better, demonstrate responsible behavior and good attendance.

This course will be a combined course with other levels of Media Production and will build on skills developed in Media Production.

640 Yearbook

1.0 Credit 2 Semesters Grades: 9,10,11,12

Prerequisite – Students will be approved based on past English performance.

Students will be required to fill out an application available from Ms. Ellsworth room 110 before being accepted into the class. Applications must be returned to Ms. Ellsworth, room 110 by the assigned due date. A student's attendance and discipline record may determine his or her eligibility for the class.

This course is designed to give the students the opportunity to exercise their organizational skills. The first semester's work will emphasize advertising sales, writing, and yearbook layout and design. Students should be available to photograph sporting events and school activities after school, evenings, and/or weekends when needed on a rotation basis. Much of the second semester work will be lab work producing the school yearbook. Previous keyboarding experience is suggested for anyone taking this course.

641 Advanced Yearbook

1.0 Credit 2 Semesters

Grades: 10,11,12

Prerequisite – Yearbook I and Teacher Approval

This course is for students who have taken Yearbook and wish to continue their study of the printed media. These students will work with students in Yearbook.

AP Studio Art Classes

The AP Studio Art classes are one-year classes designed for students who are seriously interested in the practical experience of art. AP Studio Art students submit portfolios for evaluation at the end of the school year.

Advanced Placement portfolios are due in early May and can earn college credit. Those who pass the portfolio assessment may receive three college credits at private, state, or national universities.

645 AP Studio Art Drawing

1.0 Credit 2 Semesters

Grades: 11,12 or Teacher Approval



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite – B (83%) or better in two of the following: Drawing II, Painting I, OR Teacher Recommendation. Students new to the AP Art program must visit the district website for information.

AP Studio Drawing will focus on techniques and mastery of drawing and painting. Student will be required to purchase sketchbooks and art supplies.

646 AP Studio Art 2-D Design

1.0 Credit 2 Semesters

Grades: 11,12 or Teacher Approval



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite – B (83%) or better in two of the following courses: Drawing II, Photography, Painting I, or Graphic Arts, OR Teacher Recommendation. Students new to the AP Art program must visit the district website for information.

AP Studio 2-D will focus on the techniques and mastery of drawing, photography, digital arts, collage, and painting. Student will be required to purchase sketchbooks and art supplies

647 AP Studio Art 3-D Design

1.0 Credit 2 Semesters

Grades: 11,12 or Teacher Approval



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite – B (83%) or better in two of the following: Ceramics II, Folk Art, or Metals OR Teacher Recommendation. Students new to the AP Art program must visit the district website for information.

AP Studio 3-D will focus on the techniques and mastery of pottery, sculpture, and the assemblage. Student will be required to purchase sketchbooks and art supplies

Business & Information Technology Courses

ID#	Course	Credit	Recommended Grade Level				Laude 	Transcripted Credit
			9	10	11	12		
442	Web Page Design	.50		X	X	X		
445	Intro to Business	.50	X	X	X	X		Western Technical College
448	Marketing	.50		X	X	X		Western Technical College
449	Sports and Entertainment Marketing	.50			X	X		
450	Advanced Marketing-S1	.50		X	X	X		Western Technical College
451	Advanced Marketing-S2	.50		X	X	X		Western Technical College
452	Business and Personal Law	.50			X	X		
453	Career Communication	.50	X	X	X	X		Western Technical College
455	Personal Financial Literacy	.50			X	X		Western Technical College
461	Accounting	.50		X	X	X		
463	Accounting Principles 1	1.0			X	X		Western Technical College
470	Software Applications for Business	.50	X	X	X	X		Western Technical College
585	AP PLTW Computer Science Principles	1.0			X	X		Milwaukee School of Engineering
765	School to Work - Finance	1.0			X	X		
766	School to Work - Information Technology	1.0			X	X		
788	School to Work - Marketing	1.0			X	X		

Business Certificate

Through the proficient completion of certain courses, student can obtain business certificates through Western Technical College. Courses listed reflect THS course names.

Sales Fundamentals Certificate Courses

- 450 – Advanced Marketing – Customer Service
- 451 – Advanced Marketing – Selling Principles
- 453 – Careers Communication
- 470 – Software Applications for Business

Customer Service Representative Certificate Courses:

- 445-Introduction to Business
- 453- Career Communication

442 Web Page Design

.50 Credit 1 Semester Grades: 10,11, 12

In this course, students learn to create web sites that cover four key aspects of web site design: appropriateness for target audience, placement, consistency, and usability. We are currently using Adobe Dreamweaver as our web creation software, but the principles taught in this class apply to any web site created with any software. Security, ethics, and legal concerns will be discussed. Students will create a variety of web page projects such as a personal site, mock business sites, and others. Google Sites and Adobe Express will also be used in this course.

445 Introduction to Business

.50 Credit 1 Semester Grades: 9,10,11,12



Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcripted Credit: Students who demonstrate a stated proficiency may receive transcripted credit at Western Technical College, for Business Concepts.

Business Concepts is a course designed to study the many aspects of business organization that apply to any career field. This course will help you to understand why business-related majors are one of the most popular in post-secondary education today. It will help you with decision-making, prepare you for future employment and serve as a background for any other business and marketing course. Students will study the interrelationships among the various functional areas of a business and perform career exploration in these roles.

448 Marketing

.50 Credit 1 Semester Grades; 10,11, 12



Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcripted Credit: Students who demonstrate a stated proficiency may receive transcripted credit at Western Technical College.

Student will learn the basic functions of marketing (selling, advertising, distributing, pricing, product/service planning, financing). The marketing mix will be explored through both individual and group projects. Specific units will include an Introduction to Marketing, New Product Development, Sales, Distribution, Pricing and Promotion. Involvement in DECA, an Association of Marketing Students is highly recommended

449 Sports and Entertainment Marketing Project Management

.50 Credit 1 Semester Grades: 11, 12

This course develops an extensive understanding of marketing concepts and theories that apply to sports, entertainment, and business. Areas covered in this course include marketing, target marketing and segmentation, sponsorship, event management, promotion, and marketing plans. Topics may include professional and amateur sports marketing, public image, the entertainment industry, and legal issues for sports and entertainment. Learners explore the importance of project management in business environments. Learners create successful proposals and plan, schedule, and budget for a project. Team leadership and communication are practiced. Microsoft Project assists them in monitoring the progress of the project, including the use of Gantt Charts, Program Evaluation and Review Techniques (PERT) and Critical Path Method (CPM). Includes professional presentation of your project. Involvement in DECA is Highly Recommended.

450 Advanced Marketing- Semester 1

.50 Credit 1 Semester Grades: 10,11,12



Prerequisite: Completion of Marketing and Teacher Approval.

Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcripted Credit: Students who demonstrate a stated proficiency may receive transcripted credit at Western Technical College, for Project Management.

Advanced Marketing – Semester 1 Introduces the project management process for successful completion of goals while managing constraints of scope, resources, costs and time. The course focuses the School Based Enterprise and the development of a written project. Projects may include DECA competitive projects and the creation/implementation of marketing plans You may learn the steps to: Identify needs and create a project proposal; Create a project plan; Create a schedule ; Identify critical path activities; Create a budget; Monitor the project's progress using Gantt charts; Modify the plan as needed. You will practice these steps for a project and participate in leadership, team building and communication activities to allow for successful teamwork in completing the project. Involvement in DECA, an Association of Marketing Students is highly recommended.

451 Advanced Marketing – Semester 2

.50 Credit 1 Semester Grades: 10,11,12



Western Technical
College

Prerequisite: Completion of Marketing and Teacher Approval

Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcribed Credit: Students who demonstrate a stated proficiency may receive transcribed credit at Western Technical College, for Selling Principles.

Advanced Marketing course focusing on student employment and training in sales and marketing occupations. Selling addressees identification of sales prospects, determination of client needs, aftersales customer support, legal and ethical obligations of sales professionals, development of oral and written communications for selling, analysis of organizational structure and making a sales presentation. Students will have the opportunity to participate in a real-world application through sales preparation through competitions the Tomah Tractor Pull. Projects will culminate in a career development portfolio.

Involvement in DECA, an Association of Marketing Students is highly recommended.

452 Business and Personal Law

.50 Credit 1 Semester Grades: 11,12

Students will develop an awareness of personal rights and responsibilities present in our everyday experiences. Skills are developed to problem solve and think logically by studying past real-life cases. This class covers the basic understanding of development and enforcement of the law, along with writing contracts, consumer laws, banking and credit laws and family law. Highly recommended for any student pursuing a legal and/or business career as well as for students interested in pursuing life skill knowledge.

453 Careers Communication

.50 Credit 1 Semester Grades: 9,10,11,12



Western Technical
College

Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcribed Credit: Students who demonstrate a stated proficiency may receive transcribed credit at Western Technical College, for Quality Customer Service.

This course is for all students wishing to develop long-range writing skills for the workforce or for higher education. Students will develop practical, relevant skills needed to be successful after high school in the following three areas: career exploration and job campaigning skills (applications, resume writing, cover letters, interviews, thank you letters, etc.), writing for the workforce (memos, email) , and technical reading and writing (summaries, process writing, leases, contracts, etc.) Students will also develop speaking and listening skills.

455 Personal Financial Literacy

.50 Credit 1 Semester Grades: 11,12



Western Technical
College

Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcribed Credit: Students who demonstrate a stated proficiency may receive transcribed credit at Western Technical College. (Transcribed as Personal Insurance, Taxes & Estate Planning; Personal Money Management and Loans; and Personal Investing)

This course is a graduation requirement for the class of 2028 and beyond.

In this course you will learn about topics that are important for your future. We will discuss personal financial topics such as: credit, loans, investments, payroll, bank accounts, apartment rental, insurance, and identity theft. The course utilizes the Internet to research some topics as they arise in the United States economy. This course will provide a valuable background for learning to handle your own finances. *Meets Financial Literacy Graduation Requirement.*

461 Accounting

.50 Credit 1 Semester Grades: 10,11, 12

Prerequisite: C or Better in Algebra 1 or Teacher Approval

The accounting student will study preparing and interpreting financial records, various systems of handling cash, payroll systems and banking activities, and a brief introduction to data processing systems. The course may be of personal value as well. It provides a basic background to anyone desiring to acquire an accounting, business, law, marketing, finance, or education post-secondary education degree.

463 Accounting Principles 1

1.0 Credit 2 Semesters Grades: 11, 12



Western Technical
College

Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcripted Credit: Students who demonstrate a stated proficiency may receive transcripted credit at Western Technical College.

Prerequisite – Grade of C (73%) or better in Accounting (461)

The initial phase of the course will study accounting subsystems such as cash receipts, cash payments, sales, purchase, payroll, and inventory control. In addition, accruals, deferrals, bad debts, and depreciation are covered.

The second phase includes more detailed procedures for sole proprietorships, partnerships, and corporations including more in-depth exploration of account theories, bad debts, and depreciation and accruals/deferrals. Decision making and problem solving based on financial data is introduced.

The third phase provides the student with the opportunity to comprehend and analyze financial statements and provide input into decisions for future growth and profitability. In addition, students should be able to correlate how current business practices and events could affect the finances of a prospective employer.

470 Software Applications for Business

.50 Credit 1 Semester Grades: 9,10,11, 12



Western Technical
College

Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcripted Credit: Students who demonstrate a stated proficiency may receive transcripted credit at Western Technical College.

NOTE: Student can obtain an Industry Recognized Credential during or after completing this course.

Introduces the student to Office 365 suite of products. This course includes software application basics and file management strategies to better organize, create, and maintain information to communicate in a business setting. Office 365 applications will be related to solving business problems, formatting business information, and creating business reports that integrate all features of Office 365. Strategies learned will be related to solving business problems, formatting business information, and creating business reports.

585 AP PLTW Computer Science Principles



1.0 Credit 2 Semesters Grades: 11, 12

Milwaukee School of Engineering

Laude Points: THS Laude points will be awarded for successful completion of this course.

May be accepted by some UW schools for transcripted credit.

Dual Credit: Students who pass this course may be eligible for college credit through Milwaukee School of Engineering.

Express your creativity through code. Analyze computer innovations and the impacts they have on our lives. Use abstraction and algorithmic thinking to solve problems and create value for others. Develop, analyze, implement, and test programs developed for a purpose. Learn to uncover patterns in data, protect data, and explore how the internet connects the world in which we live. Whether seeking a career in the growing field of computer science or learning how computer science is transforming all careers, students in Computer Science Principles learn the fundamentals of coding, data processing, data security, and automating tasks while learning to contribute to an inclusive, safe and ethical computing culture. Students may choose to take the AP Exam in May. Those who pass the exam may receive college credit at private, state, or national university.

765 Y.A. - Finance

Maximum 1.0 Credit per semester

Grades:11,12

Prerequisite: Personal Financial Literacy or Accounting and concurrent enrollment in Accounting or Advanced Accounting Principles 1

NOTE: Work experience placements will be based on availability of job sites.

This opportunity is designed to provide paid work experience and credit for students interested in Finance. Student workers may be employed in business settings in the area. Employed students may be scheduled for early dismissal depending on the job requirements and schedule. Students must be on track for graduation during the application process and must remain on track for graduation to continue in the work experience program. Students must also maintain a good attendance record at the high school throughout their work experience to continue in the program. Concurrent enrollment in 1 credit worth of related instruction is required.

Students interested in this opportunity must apply as part of the (next years) registration process. Application forms may be obtained from the content-area teacher or YA Coordinator. Job placement depends on student's ability to locate an appropriate job site.

766 Y.A. – Information Technology**Maximum 1.0 Credit per semester****Grades:11,12**

Prerequisite: Computer Application 1 or Professional Multi-Media and concurrent enrollment in one of the following: Computer Applications 1, Professional Multi-Media, Web Page Design.

NOTE: Work experience placements will be based on availability of job sites.

This opportunity is designed to provide paid work experience and credit for students interested in Information Technology. Student workers may be employed in various settings in the area. Employed students may be scheduled for early dismissal depending on the job requirements and schedule. Students must be on track for graduation during the application process and must remain on track for graduation to continue in the work experience program. Students must also maintain a good attendance record at the high school throughout their work experience to continue in the program. Concurrent enrollment in 1 credit worth of related instruction is required.

Students interested in this opportunity must apply as part of the (next years) registration process. Application forms may be obtained from the content-area teacher or YA Coordinator. Job placement depends on student's ability to locate an appropriate job site.

788 Y.A. – Marketing**Maximum 1.0 Credit per semester****Grades:11,12**

Prerequisite: Marketing and concurrent enrollment in Advanced Marketing – Customer Service (Sem 1) and Advanced Marketing – Selling Principles (Sem 2)

NOTE: Work experience placements will be based on availability of job sites.

This opportunity is designed to provide paid work experience and credit for students interested in Marketing. Student workers may be employed in various settings in the area. Employed students may be scheduled for early dismissal depending on the job requirements and schedule. Students must be on track for graduation during the application process and must remain on track for graduation to continue in the work experience program. Students must also maintain a good attendance record at the high school throughout their work experience to continue in the program. Concurrent enrollment in 1 credit worth of related instruction is required.

Students interested in this opportunity must apply as part of the (next years) registration process. Application forms may be obtained from the content-area teacher or YA Coordinator. Job placement depends on student's ability to locate an appropriate job site.

English Courses								
ID#	Course	Credit	Recommended Grade Level				Laude	Transcribed Credit
			9	10	11	12		
101	Freshman English	1.0	X					
103	Freshman English AP Prep	1.0	X					
106	Sophomore English	1.0		X				
109	Sophomore English AP Prep	1.0		X				
115	Junior English–US Literature Emphasis	1.0			X			
124	Senior English–Modern Literature Emphasis	1.0				X		
125	Senior English–Mystery/Science-Fiction Literature Emphasis	1.0				X		
129	AP English Literature and Composition	1.0			X	X		
131	AP English Language and Composition	1.0				X		
133	Creative Writing	.50		X	X	X		

NOTE: Freshman, Sophomore, Junior, and Senior English are required courses for graduation. Students may take additional English courses toward the elective requirement.

101 Freshman English

1.0 Credit 2 Semesters Grade: 9

Required for graduation

In this course, students study the writing process, analytical reading, and the art of public speaking. Writing emphasis, including paragraph organization and development, continues with informative fiction, and analytical writing unit. Additionally, the literature combines reading skills with appreciation. Finally, students develop public speaking skills through the development and completion of a speech. Students will also read *Romeo & Juliet*.

103 Freshman English AP Prep

1.0 Credit 2 Semesters Grade: 9



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite: Student agrees to complete summer reading/assignments and teacher recommendation.

Fulfills the requirement for graduation as a replacement for Freshman English (101).

[For information about AP Prep/AP English courses, see our AP English link on the school district website.]

Designed for students ready for a challenge in the areas of language, writing, reading and literary skills, this course focuses on higher levels of thinking, incorporating both language and literature. Within literature units including *Lord of the Flies*, and poetry, students analyze, synthesize, and evaluate situations, characters, and settings. Using required outside novels each quarter, the students apply skills of reading and writing to the argument and analysis style of essays. Students who enroll in this Honors course should have a strong background in basic grammar and sentence development. Students in this course also study Advanced Placement literary vocabulary, writing styles, and testing styles to begin their preparation toward the junior and senior levels of Advanced Placement English classes. **This is the first step for students planning to take Advanced Placement English Exams in preparation for college.**

106 Sophomore English

1.0 Credit 2 Semesters Grade: 10

Required for graduation

English 10 Class Description

The following skills will be covered in Sophomore year:

*Summarize and analyze big ideas in a variety of texts

*Cite evidence to support analysis

*Build vocabulary

*Write reflective, creative, and formal compositions, with a focus on organization, transitions, and word choice.

*Create high quality presentations and deliver them to their peers

109 Sophomore English AP Prep

1.0 Credit 2 Semesters Grade: 10



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite – Satisfactory completion of Freshman English AP Prep (103) or Freshman English and teacher recommendation. Student agrees to complete summer reading/assignments. Students new to the AP English program should visit the AP English page on the district website for more information.

Fulfills the requirement for graduation as a replacement for Sophomore English (106).

This course includes composition, literature, advanced grammar, analysis, and public speaking. Using several writing formats, students compose expository, persuasive, literary analysis, and argumentative writing. Students will also read whole works and excerpts from fiction and non-fiction sources, be introduced to and practice rhetorical analysis, complete research projects, and give informal presentations and a formal speech. In preparation for AP Literature and AP Language and Composition at the junior and senior levels, students study Advanced Placement literary vocabulary, writing, and testing techniques. Course curriculum is based on both WI ELA State Standards for Grade 10 and College Board Standards for AP Prep. **This is the second step for students planning to take Advanced Placement English Exams in preparation for college.**

115 Junior English

1.0 Credit 2 Semesters Grade: 11

In English 11, students will show proficiency in reading, writing, speaking, and language skills. Reading: Cite relevant evidence and analyze texts, determine and analyze word meanings, and analyze how words affect mood and tone.

Writing: Write for a variety of high-stakes and low-stakes purposes, create writing that is organized, clear, and appropriate to the task; gather a variety of relevant information and cite it correctly/safely, and use that information to support reflection, analysis, and research. Speaking: Present information logically and appropriately while working collaboratively to build vocabulary knowledge. Language: Use vocabulary that is appropriate to a given task.

129 English Literature & Composition

1.0 Credit 2 Semesters Grade: 11



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisites - Satisfactory completion of Sophomore English AP Prep (109) or Sophomore English and teacher recommendation Student agrees to complete summer readings/assignments.

Students new to the AP English program should visit the AP English page on the district website for more information about AP English.

Advanced Placement is college level literature taught at the high school level. Students analyze authors' techniques in drama, poetry, and novels through argument and analysis essays. Units include British authors, US authors, and western world authors. Writing emphasizes advanced grammar and mechanical skills as well as developed ideas. Students' essays interpret authors' language and literary techniques emphasizing author's use of stylistic devices. Students in this course study Advanced Placement literary vocabulary and use writing and testing styles that support the AP English Literature and Composition test offered by the College Board.

Students interested in taking the AP Literature and Composition Exam should take this course as preparation.

Advanced Placement English exams in May are optional. Those who pass the exam(s) may receive three or more college credits at private, state, or national universities. AP English Literature and Composition (129) is open to juniors and seniors who meet all prerequisites.

125 Senior English

1.0 Credit 2 Semesters Grade:12

In this course, students refine their language and communication skills with particular attention to building students' college and career readiness. A strong focus is on developing solid research and critical thinking abilities. Students write argumentative research papers, evaluating the credibility and reliability of sources to build well-supported, logical arguments. Students will analyze timeless themes in dramas and novels, drawing connections to contemporary social issues. They will also select novels from a variety of genres and authors for independent reading. Finally, students will enhance their public speaking skills through both informal presentations and formal speeches.

***Note: Senior Modern and Senior Mystery/Sci-Fi have been merged into a single course*

131 AP English Language & Composition

1.0 Credit 2 Semesters Grades: 12 OR Teacher
Approval



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisites – Satisfactory completion of Junior English or AP English Literature and Composition and teacher recommendation. Student agrees to complete summer readings/assignments.

Students new to the AP English program should visit the AP English page on the district website for more information about AP English.

Advanced Placement is college level English taught at the high school level. Students critique nonfiction including the study of documentary film, speeches, essays, biographies, and autobiographies. We write research papers (MLA and APA format), and rhetorical analysis, argument, and at least 2 formal speeches. Students in this course continue to study Advanced Placement vocabulary applied through nonfiction. Students in this course study Advanced Placement literary vocabulary and use writing and testing styles that support the AP English Language and Composition test offered by the College Board. Students interested in taking the Advanced Placement English Language and Composition Exam should take this final AP English course as preparation. **Advanced Placement English exams in May are optional. Those who pass the exam(s) may receive three or more college credits at private, state, or national universities. AP English Language and Composition (131) is open to seniors who meet all prerequisites.**

133 Creative Writing

.50 Credit 1 Semester Grades: 10,11, 12

Prerequisites: teacher recommendation and a student writing sample.

*This course is designed for students seeking to enhance their English experience but does not count as English credit.

Creative Writing students read, analyze, and deconstruct works of poetry, short fiction, and creative nonfiction to better understand what constitutes good writing. Students will journal daily and write to several prompts and exercises that will eventually become their own works of poetry, short fiction, and creative nonfiction. These works will be peer and instructor edited and workshopped. Students will be expected to meet specific deadlines during the class.

Exercise and Sport Science								
ID#	Course	Credit	Recommended Grade Level					
			9	10	11	12		
601	Exercise and Sport Science 1	.50	X					
602	Exercise and Sport Science 2	.50		X				
603	Junior Senior ESS Fitness for Life	.50			X	X		
604	ESS Adventure Challenge / Outdoor Pursuit of Fitness	.50		X	X	X		
605	ESS Individual Activities	.50		X	X	X		
606	ESS Team Sports for Life	.50			X	X		
609	ESS Modified Activity Course	.50	X	X	X	X		
709	Universal Leadership and Life Skills Mentor	.50			X	X		

Exercise & Sport Science fulfills state requirement of 1.5 credits of Physical Education for high school graduation. (The Wisconsin Department of Public Instruction requires that a student take .50 credit of ESS in three separate years.) You may take additional ESS courses during 10th, 11th, or 12th grade but it will count as elective credit)

- 9th grade students must enroll in Exercise & Sport Science 1
- 10th grade students must enroll in Exercise & Sport Science 2
- 11th or 12th grade students must take one Exercise and Sport Science elective either semester their Junior or Senior year.

Seniors who have successfully completed 2 of the courses listed below may repeat any of these courses for credit.

- 602 ESS 2
- 603 ESS Junior Senior Fitness for Life
- 604 ESS Adv Challenge/Outdoor Pursuit of Fitness OR
- 605 ESS Individual Activities OR
- 606 ESS Team Sports for Life

The focus of all Exercise and Sport Science courses will be fitness. A variety of teaching strategies will be utilized within each course to promote the 5 health related parts of Fitness (cardiorespiratory endurance, muscular strength, muscular endurance, flexibility, and body composition). Students will learn the FITT formula and the various fitness principles and be able to apply the information to the creation of an individual fitness program. Use of the fitness center may be incorporated into all courses.

601 Exercise and Sport Science 1

.50 Credit

1 Semester

Grade:9

Required for freshmen

This course utilizes classroom lecture periods in combination with activity and lab periods to help students gain an understanding of the five components of health-related physical fitness and the 6 skill related components of fitness. Students will be able to:

- Demonstrate the cognitive understanding needed to develop a personal activity plan.
- Demonstrate an understanding of and apply the scientific principles as they related to various physical activities.
- Demonstrate the skills, knowledge, and interest to lead a healthy lifestyle.
- Demonstrate an understanding of the healthy behaviors needed to maintain or improve physical fitness.
- Demonstrate safe practices, follow rules, etiquette, cooperation and teamwork, ethical behavior, and positive social interaction.
- Demonstrate an awareness of the intrinsic values and benefits of participation in physical activity.

602 Exercise and Sport Science 2

.50 Credit

1 Semester

Grade:10

Prerequisite: Exercise and Sport Science 1

This course is for those that would like to achieve the benefits of a “personal trainer” without incurring the cost!!! Students will be instructed in proper lifting techniques utilizing the Bigger Faster Stronger program. The 6 absolutes will be taught and enforced. Muscle groups will be introduced. Technology and online devices will be used for recording and monitoring of lifts and progress. The following will be used to assist students in reaching their health-related fitness goals; Swiss/Stability balls, Nutrition, Resistance tubing, Weightlifting Equipment, Cardio Equipment, Dynamic Rig.

603 Junior Senior ESS Fitness for Life

.50 Credit

1 Semester

Grades: 11,12

Prerequisite: Exercise and Sports Science 1 and Exercise and Sports Science 2

This course is for those that would like to achieve the benefits of a “personal trainer” without incurring the cost!!! It is like ESS 2 with the exception that students will experience other fitness classes, centers in the community to broaden their knowledge and healthy exercise options post high school.

604 ESS Adventure Challenge/Outdoor Pursuit of Fitness

.50 Credit

1 Semester

Grades: 10,11,12

Prerequisite: Exercise and Sport Science 1 and Exercise and Sport Science 2

Parent Permission/Medical Information/Liability Release Form Required!!!

This course will have students exploring ways to enhance fitness while participating in Experiential Based Adventure Education activities. Students will improve their skills of: problem solving, cooperation, communication, team building, etc. Students will participate in cooperative games, problem solving initiatives, as well as have the opportunity to experience the low and high outdoor Rope Challenge Course! Climb the Vertical Wall, jump from the Power Perch, ride the Zip Line, and more.

Students in this course will be taught proper use of maintenance of RCC equipment as well as the skills of knot typing and belaying. Additional activities include mountain biking, canoeing/kayaking, snowshoeing, cross-country skiing, archery, angling, cross country skiing, and the fitness center.

605 ESS Individual Activities

.50 Credit

1 Semester

Grades: 10, 11,12

Prerequisite: Exercise and Sport Science 1 and Exercise and Sport Science 2

Student Costs: Bowling Fee = \$20.00

This course will focus on health-related and skill related fitness by emphasizing activities that may be done throughout a lifetime. Students will participate in the following units: biking, badminton, golf, bocce ball, tennis, ping pong, Frisbee golf, bowling, horseshoes, beanbags, lawn golf, fitness center, and a variety of social dances.

606 ESS Team Sports for Life

.50 Credit

1 Semester

Grades: 11,12

*Prerequisite: Exercise and Sport Science 1, and Exercise and Sport Science 2. **Teacher Approval is required if you have already taken the course.***

This course will focus on the ability to work with other students that have varying skill levels. The class will be set up for recreational or competitive play. Students will improve their skills of problem solving, cooperation and communication with others throughout the semester.

Students will participate in the following units: basketball, flag football, volleyball, soccer, gaterball, softball, floor hockey, kickball, And various sports from other countries.

609 ESS Modified Activity Course

.50 Credit

1 Semester

Grades: 9,10,11,12

Prerequisite - Teacher Approval

Special needs students and students with prolonged injuries participate in a variety of fitness and skill activities.

709 Universal Leadership and Life Skills Mentor

.50 Credit

1 Semester

Grades: 11,12

NOTE: This elective course does not count for ESS credit.

Prerequisite: Exercise and Sports Science 1, preference will be given to students who have taken Mr. Jungmeyer's Leadership course.

This course is designed to incorporate regular education students with special needs students in an Exercise and Sport Science setting and Life Skills activities. Regular education students will be mentors/teachers for the special needs students and guide them in learning and participating in activities such as fishing, canoeing, team building, ropes course, archery, bowling, biking, climbing wall, cross country skiing, snowshoeing, and life skills, such as cooking, baking, kitchen safety, household chores, cleaning, banking and shopping.

Family & Consumer Science Courses								
ID#	Course	Credit	Recommended Grade Level				Laude 	Transcripted Credit
			9	10	11	12		
501	Foods for Life	.50	X	X	X	X		
503	Culinary Basics (Prev.Culinary Fund.)	.50		X	X	X		
505	Basic Baking (Prev. Baking Fund.)	.50		X	X	X		
771	School to Work – Hospitality – Foods	.50			X	X		
515	Infant and Toddler (Formerly Parents and Children)	.50	X	X	X	X		
516	Child Development	.50		X	X	X		
517	Intro to Educational Practices	.50		X	X	X		
519	Assistant Child Care Teacher	.50			X	X		
770	School to Work – Child Care	.50				X		
525	Fabrics and Fashion	.50	X	X	X	X		
535	Human Relationship	.50	X	X	X	X		
539	Teen Parenting	1.0	X	X	X	X		
543	Housing and Interior Design	.50		X	X	X		
544	Advanced Housing and Interior Design	.50			X	X		
9087	Food Science	.50		X	X	X		

Hospitality Certificate

Through the proficient completion of certain courses, students can obtain certificates through Western Technical College. Courses listed reflect THS course names.

Food Industry Aide Certificate Courses

501 Foods for Life
503 Culinary Fundamentals

501 Foods for Life

.50 Credit

1 Semester

Grades: 9,10,11,12



NOTE: Student can obtain an Industry Recognized Credential during or after completing this course.

Students enrolled in Foods for Life will learn about food necessary for a healthy lifestyle. You will develop skills using kitchen equipment, following recipes, and in preparation procedures. These skills will be put into practice during food preparation labs. Meal planning and implementation will be demonstrated through breakfast, lunch, and dinner labs throughout the semester. *No cooking can occur unless safety test is passed with an 85% or above.*

503 Culinary Basics (formerly World Cuisines)

.50 Credit

1 Semester



Grades: 10,11, 12



Laude Points: THS Laude points will be awarded for successful completion of this course. (pending Laude committee approval.)

Transcribed Credit: Students who demonstrate a stated proficiency may receive transcribed credit at Western Technical College. (pending Board of Education approval)

Prerequisite: C (73%) or better in Foods for Life or Teacher Approval, plus Career Objective in Hospitality

NOTE: Student can obtain an Industry Recognized Credential during or after completing this course.

Students learn basic kitchen principles of food safety, kitchen organization, knife skills, recipe proficiency, equipment, and small wares identification and usage. Basic principles of vegetables, starches, and grains preparation and presentation are taught. Study is made of various cooking methods/styles/trends and procedures applied to these categories.

505 Basic Baking

.50 Credit

1 Semester

Grades: 10,11,12



Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcribed Credit: Students who demonstrate a stated proficiency may receive transcribed credit at Gateway Technical College.

Prerequisite- C (73%) or better in Foods for Life. Or Teacher approval and a Career Objective in Food Service.

This course is a study of the fundamentals of baking techniques and chemical reactions inherent in the baking process. Students will mix, shape, and bake basic bakery items, including yeast dough, quick breads, cakes, cookies, and short doughs. Topics include baking terminology, tool & equipment use & care, functions of ingredients, the use of proper flours, and the evaluation of baked products.

771 Youth Apprenticeship – Hospitality - Foods

Maximum .50 Credit per semester

Grades: 11,12

Prerequisite – World Cuisines, Foods for Life, and concurrent enrollment in Baking Fundamentals. Plus, a career objective in Food Service.

NOTE: Work experience placements will be based on availability of job sites.

This opportunity is designed to provide paid work experience and credit for students interested in Hospitality. Student workers may be employed in various settings in the area. Employed students may be scheduled for early dismissal depending on the job requirements and schedule. Students must be on track for graduation during the application process and must remain on track for graduation to continue in the work experience program. Students must also maintain a good attendance record at the high school throughout their work experience to continue in the program. Concurrent enrollment in 1 credit worth of related instruction is required.

Students interested in this opportunity must apply as part of the (next years) registration process. Application forms may be obtained from the content-area teacher or YA Coordinator. Job placement depends on student's ability to locate an appropriate job site.

515 Infant and Toddler (formerly Parents and Children)

.50 Credit

1 Semester

Grades: 9,10,11,12



Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcribed Credit: Students who demonstrate a stated proficiency may receive transcribed credit at Western Technical College and a possible Infant and Toddler certification from the Department of Public Instruction.

In the Infant and Toddler course you will study infant and toddler development as it applies to an early childhood education setting. Course competencies include: integrate strategies that support diversity and anti-bias perspectives; analyze development of infants and toddlers (conception to three years); correlate prenatal conditions with development; summarize child development theories; analyze the role of heredity and the environment; examine research-based models; examine culturally and developmentally appropriate environments for infants and toddlers. Healthy prenatal development is covered in depth. A discussion of the birth process culminates in a field trip to the hospital. Infant and child health care, as well as emotional, intellectual, and physical development of the child are studied. Social activities, play activities, learning activities, home safety, nutrition, heredity, and environmental health practices are discussed in relationship to the child's growth and development.

Each student is required to successfully complete Real Care Baby Simulation and empathy belly.

516 Child Development

.50 Credit **1 Semester** **Grades:10,11,12**



Western Technical
College

Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcribed Credit: Students who demonstrate a stated proficiency may receive transcribed credit at Western Technical College.

Prerequisite – C (73%) or better in Infant and Toddler (formerly Parents and Children) or Teacher Approval.

Child Development examines child development within the context of the early childhood education setting. Course competencies include analyzing social, cultural and economic influences on child development; summarizing child development theories; analyzing development of children age three through age eight; summarizing the methods and designs of child development research; and analyzing the role of heredity and the environment.

517 Intro to Educational Practices

.50 Credit **1 Semester**



Grades: 10,11,12

Western Technical
College

Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcribed Credit: Students who demonstrate a stated proficiency may receive transcribed credit at Western Technical College.

Prerequisite – C (73%) or better in Child Development

Intro to Educational Practices will include the study of historical, philosophical, and social foundations of education; issues and trends including diversity affecting our schools of today including elementary, middle level and secondary educational settings. An overview of the governmental basis of education; fundamentals of teaching methodologies, learning styles, questioning techniques and basic assessment practices will be addressed.

519 Assistant Child Care Teacher

.50 Credit **1 Semester** **Grades: 11,12**

NOTE: This is a DPI certificated course.

Prerequisite – C (73%) or better in Infant and Toddler (formerly Parents and Children) or Teacher Approval. May not take both Infant and Toddler and Assistant Child Care Teacher during the same semester.

Children - a challenge for those who care! Any student who would like to be certified as an Assistant Child Care Teacher from the State of Wisconsin and has a career interest in working with children should take this course. The topics to be included in this course are:

1. Child Care Industry
2. Day care center environment
3. Development sequence of children from birth - eight years of age
4. Guidance techniques for interacting with children
5. Developmental levels
6. Maintaining a safe environment at the day care.
7. Importance of maintaining positive relationships with staff, parents, and volunteers.

Students will understand the responsibilities of an Assistant Child Care Teacher **and complete the state certificate. Students who have a career interest in teaching, especially elementary education, will find this course especially helpful. Students will earn a certificate from Department of Public Instruction if requirements are met.**

770 Youth Apprenticeship – Child Care

Maximum 1.0 Credit per semester

Grade: 12

Prerequisite – Assistant Child Care Teacher (ACCT), obtained ACCT Certificate and concurrent enrollment in Human Relationships, AP Psychology, or Intro to Educational Practices.

NOTE: Work experience placements will be based on availability of job sites.

This opportunity is designed to provide paid work experience and credit for students interested in childcare. Student workers may be employed in various childcare businesses in the area. Employed students may be scheduled for early dismissal depending on the job requirements and schedule. Students must be on track for graduation during the application process and must remain on track for graduation in order to continue in the work experience program. Students must also maintain a good attendance record at the high school throughout their work experience to continue in the program. Concurrent enrollment in 1 credit worth of related instruction is required.

Students interested in this opportunity must apply as part of the (next years) registration process. Application forms may be obtained from the content-area teacher or YA Coordinator. Job placement depends on student's ability to locate an appropriate job site.

525 Fabrics and Fashion

.50 Credit

1 Semester

Grades: 9,10,11,12

Student Fees: Students will be required to purchase materials ranging from \$50 to \$100.

Ever wonder how the clothes you wear were developed and made? Then this course is for you. Students will explore color, elements of design, natural and manufactured fibers, and the process of making fabrics. They will also familiarize themselves with how the fabrics are made into clothing by learning different sewing, serger and embroidery skills. Students will study the world of apparel and fashion by completing a variety of projects. Sewing projects during the semester will include making a pillow, an apron, a quillow (blanket that folds into a pillow) and pajama pants or handbag. Other items may include a seasonal project, reuse, and recycle project and a community service project.

535 Human Relationships

.50 Credit

1 Semester

Grades: 9,10,11,12

Resource management, relationships, peer pressure, goal setting and decision-making are challenges that face every teen on the road to adulthood. In Human Relationships you will learn how to develop satisfying relationships and how conflict can change those relationships. Students will practice critical thinking skills, priority-setting techniques, and conflict resolution methods as you learn to face these challenges. Students will enjoy a wide variety of activities that appeal to each participant's learning style.

539 Teen Parenting

1.0 Credit

2 Semesters

Grades: 9,10,11,12

Prerequisite - Teacher or Counselor Recommendation with final approval from Teen Parenting Committee in accordance with PI19 DPI Status.

Strongly Recommended for all Teen Parents

Teen parents face significant challenges in completing their high school education and in making decisions about the future. Teen Parenting offers teens opportunities to assess their interests and pursue the knowledge needed for their situations to make them successful in life. They will increase their self-awareness and understand the problem-solving process as a basis for sound decision making. They will study the physical and emotional aspects of the childbearing experience and explore all options available to them.

543 Housing and Interior Design

.50 Credit

1 Semester

Grades: 10,11,12

Understand your own housing needs now and in the future. Learn about selecting, furnishing, financing, and maintaining a place to live. You will also complete various projects as part of your learning experiences.

544 Advanced Housing and Interior Design

.50 Credit

1 Semester

Grades: 11,12

Prerequisite – C (73) or better in Housing and Interior Design or Teacher Approval.

Student Fees: Students will be required to purchase materials ranging from \$25 to \$50.

Students enrolled in this course will find many opportunities to use their creativity and talents on individual projects related to housing, homes, and interior design. The student and the teacher will work together to choose projects tailored to the student's skills, personal preferences, and goals.

9087 Food Science

.50 Credit

1 Semester

Grades: 10,11,12

NOTE: This course is pending Board Approval

Prerequisite: Students must take Foods for Life, and either Baking Basics, or Culinary Basics before taking Food Science.

Students enrolled in Food Science will learn about the science of different ingredients and how they interact during cooking and baking. An example of the topics included in this class would be the role of acids, bases and enzymes in food preparation. Students will be applying these scientific methods by completing cooking labs and experiments.

Health & Medical Careers Courses								
ID#	Course	Credit	Recommended Grade Level				Laude 	Transcripted Credit
			9	10	11	12		
611	Health	.50	X					
613	Advanced Health	.50			X	X		
614	Health Occupations	.50		X				
315	Anatomy/Physiology – Honors	1.0			X	X		
340	Professional Patient Care	.50			X	X		
342	Clinical Observations	.50				X		
343	Medical Terminology	.50			X	X		
733	Nursing Assistant	.50			X	X		
775	Youth Apprenticeship – Health	.50			X	X		

611 Health

.50 Credit **1 Semester** **Grade: 9**

Required for graduation.

This course is designed to give students the knowledge needed to survive the ever-changing world in which we live. The students will be able to apply the information obtained in class to their daily lives. Some of the areas to be covered in class are stress management, teenage violence, mental illness or mental disorders, AIDS, etc. The students will explore these areas through reading, research, discussion, and videos.

613 Advanced Health

.50 Credit **1 Semester** **Grade: 11,12**

Live long and live well! Advanced health class is geared toward helping students develop a strong base to build healthy habits, life skills and relationships to help them survive and thrive in the world today. This course will look at a variety of health issues facing our society today as well as provide opportunity for students to explore different health careers. A wide variety of activities, research and discussion will be the teaching styles used most often.

614 Health Occupations

.50 Credit **1 Semester** **Grade: 10**

Prerequisite: C+ or better in 9th grade Health

NOTE: Students will be trained and certified in first aid and CPR procedures. ****Fee of \$23 for certification

This will be an exploratory class which will provide students with an orientation to the health care industry and help refine their health care-related knowledge and skills. Topics covered usually include (but are not limited to) an overview of health care systems and facilities; history and trends in health care, a wide variety of careers in the health care, personal and professional qualities of a health care worker and legal and ethical responsibilities in medical professions. Students in this course will take field trips to further explore various occupations related to medicine. Students will learn from a wide variety of guest speakers invited into the classroom.

315 Anatomy/ Physiology- Honors

1.0 Credit **2 Semesters** **Grade: 11,12** 

Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite – Cumulative and current semester GPA of 2.5 or better (or instructor approval), Successful completion of Biology (301) and Chemistry (317) or taking Chemistry (317) concurrently and Teacher Approval.

This challenging course is meant to prepare college bound juniors and seniors who are interested in health care for the rigors of college science classes. It combines anatomy, the study of the structure of the body and its parts, along with physiology, the study of the functions of these parts. Students will explore the anatomy and physiology of the 12 organ systems of the human body, while emphasizing the relationship between structure and function at all levels of organization in the human body.

340 Professional Patient Care

.50 Credit

1 Semester

Grade: 11,12



Western Technical
College

Prerequisite: Interest in the health care field.

This course is designed for students who are interested in exploring, planning, and preparing for a career in health care. It applies to all health occupations and settings, including hospitals, outpatient clinics, physician offices, dental practices, nursing homes, rehabilitation facilities, and biotechnology research and development labs. The class will help students understand what it takes to develop and maintain the reputation of a health care professional.

342 Clinical Observations

.50 Credit

1 Semester

Grade: 12

Prerequisites: Cumulative and current semester GPA of 2.5 or better (or instructor approval), interest in the health care field, application and reference from Tomah High School Educator, COVID-19 Vaccination, and Influenza Vaccination

Highly Recommended: Professional Patient Care

NOTE: Student must provide their own transportation

This course is designed for students who are interested in pursuing a career in the healthcare field. This course offers the opportunity for the student to observe and discuss careers with local professionals in a variety of clinical settings to help make decisions about their future. Areas may include V.A. or Tomah Memorial Hospital, labor and delivery, operating room, emergency, radiology, rehabilitation (PTA, OTA, ST), pharmacy, dental, optometry, EMT/paramedic.

343 Medical Terminology

.50 Credit

1 Semester

Grade: 11,12



Laude Points: THS Laude points will be awarded for successful completion of this course.

In this course you will be studying the principles of medical word building. This course will help the student develop the extensive medical vocabulary used in health care occupations. Students receive a thorough grounding in basic medical terminology through a study of root words, prefixes, and suffixes. The study focuses on correct pronunciation, spelling and use of medical terms. Anatomy, physiology, and pathology of disease are discussed yet no previous knowledge of these topics is necessary.

755 Youth Apprenticeship-Health

Maximum 1.0 Credit PER SEMESTER

Grades:12

Prerequisites: Nursing Assistant and obtain CNA license and concurrent enrollment in either Advanced Health, AP Chemistry, AP Biology or Anatomy/Physiology, Medical Terminology, Professional Patient Care or Clinical Observations.

NOTE: Work experience placements will be based on availability of job sites.

This opportunity is designed to provide paid work experience and credit for students interested in Health Care. Student workers may be employed in various healthcare settings in the area. Employed students may be scheduled for early dismissal depending on the job requirements and schedule. Students must be on track for graduation during the application process and must remain on track for graduation to continue in the work experience program. Students must also maintain a good attendance record at the high school throughout their work experience to continue in the program. Concurrent enrollment in 1 credit worth of related instruction is required.

Students interested in this opportunity must apply as part of the (next years) registration process. Application forms may be obtained from the content-area teacher or YA Coordinator. Job placement depends on student's ability to locate an appropriate job site.

733 Nursing Assistant

.50 Credit

1 Semester

Grades:11,12

Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcripted Credit: Students who demonstrate a stated proficiency may receive transcripted credit at Western Technical College.

Prerequisite: C or better in Biology

Highly Recommended: Anatomy & Physiology, Professional Patient Care

NOTE: Student can obtain an Industry Recognized Credential during or after completion of this course.

NOTE: Interested students should sign up for the CNA course, and they must apply through Western Technical College and be accepted before school begins. Student will need to complete the "Start College Now" application and return to their high school counselor by March 1, 2019. Before being accepted into the CNA class, students must meet WTC program requirements and submit the following (students who submit completed applications on time will be selected based on GPA, teacher reference and previous enrollment in Health Care Academy courses)

- *WTC Application and application fee*
- *Criminal/Caregiver background check form and fee*
- *Functional Abilities form*
- *Immunization form with 2-step TB test*
- *Required test scores*
- *Other requirements as specified by WTC*

The Nursing Assistant course is designed to prepare an individual for employment as an entry-level nursing assistant in long-term care settings, hospitals, or adult day care facilities. The program provides training in communication skills, both oral and written, personal care, basic nursing skills, assisting individuals in maintaining independence and promoting rehabilitation, and appropriate interaction with individuals with Alzheimer's disease and related dementias. The program consists of a combination of classroom and laboratory activities as well as clinical experience in long-term care settings. Students who successfully complete the program, are required to take the Nursing Assistant Registry Exam offered by Headmaster if they desire employment in a federally funded health care facility, that is, a facility that accepts Medicare and Medicaid patients. The exam must be taken within one year of program completion. If the exam is not taken or passed within one year of program completion, the nursing assistant course must be retaken before qualifying to take the exam.

Industrial Technology Education Courses

ID#	Course	Credit	Recommended Grade Level				Laude	Transcripted Credit
			9	10	11	12		
548	Women in Technology	.50	X	X	X	X		
549	CAD Drafting	.50	X	X	X	X		Western Technical College
551	Intro to Woodworking	.50	X	X	X			
553	Intro to Welding & Machining (formerly Metals and Engineering Drafting)	.50	X	X	X	X		
557	Woods 2	.50		X	X	X		
559	Architectural Drawing 1	.50		X	X	X		
563	Architectural Drawing 2	.50		X	X	X		
572	Small Engines	.50	X	X	X	X		
573	Machine Shop	.50		X	X	X		Western Technical College
574	Car Care	.50		X	X	X		
575	Welding	.50		X	X	X		Western Technical College
579	Construction Industry Basics (Previously Framing)	.50		X	X	X		Western Technical College
581	Computer Integrated Metals	.50		X	X	X		
582	PLTW Introduction to Engineering Design	1.0	X	X	X	X		Milwaukee School of Engineering
583	PLTW Principles of Engineering	1.0		X	X	X		Milwaukee School of Engineering
587	Vocational Building Trades	2.0			X	X		
588	Vocational Metalworking	1.0			X	X		
589	Vocational Auto Mechanics	1.0			X	X		Western Technical College
780	Youth Apprenticeship – Manufacturing - Welding, Machining, Production	1.0			X	X		
782	Youth Apprenticeship – Transportation	1.0			X	X		
784	Youth Apprenticeship – Construction	1.0			X	X		

Students in any vocational class will be required to furnish and wear safety glasses.

548 Women in Technology

.50 Credit 1 Semester Grades: 9,10,11,12

This course is an exploration of technology education principles which include basic home design, home maintenance and repair, introduction to woods, basic are maintenance, metals manufacturing and design through the use of computers. Additionally, students in this course will study various influential women in areas of technology. Students will also take field trips to further explore the multitude of careers that exist in design, manufacturing, and construction.

549 CAD Drafting

.50 Credit 1 Semester Grades: 9,10,11,12



Western Technical
College

Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcripted Credit: Students who demonstrate a stated proficiency may receive transcripted credit at Western Technical College.

Students will learn about mechanical drafting techniques and the Computer Aided Design (CAD) software, AutoCAD, and Inventor, which are used in multiple design industries. These techniques will prepare students for producing working drawings that can be used for manufacturing and construction. Additionally, students will explore different types of careers open to those who possess technical drawing and CAD skills.

551 Intro to Woodworking (Formerly Drafting/Woods)

.50 Credit 1 Semester Grades: 9,10,11,12

FEES: Students will be required to purchase materials for student projects.

NOTE: This course is required to take further electives in the woods/carpentry/construction area.

This course is an introduction to the area of woodworking. Students will be required to complete projects chosen by the instructor that provide a broad range of exposure to woodworking procedures, operations, and techniques. Students will cover essential skills such as measurement and layout, print reading, project planning, and problem solving. Safe and effective use of power and hand tools will be covered. Safety will be top priority and will be stressed during the duration of the class.

553 Intro to Welding & Machining (limited to 18 students)

.50 Credit 1 Semester Grades: 9,10,11,12

FEE: \$10.00 Materials Fee

NOTE: This course is required to take further electives in the metals area.

This course is an introduction to the manufacturing processes and engineering drawing principals related to metals. The manufacturing of metals portion provides students with a chance to explore three basic metal fabrication areas: arc welding, oxyacetylene welding, and the metal-working lathe. The engineering drawing portion of the curriculum will cover a variety of mechanical drawing techniques. These techniques will prepare students for interpretation of working drawings that can be used for manufacturing. **Students will be required to purchase welding gloves and safety glasses to wear in the shop.**

557 Woods 2

.50 Credit 1 Semester Grades: 10,11,12

FEES: Students will be required to purchase materials.

Prerequisite –Intro to woodworking (formerly Drafting/Woods) or Teacher Approval

This course builds on the concepts covered in Introduction to Woodworking, such as safety, measurement and layout, and print reading. Wood identification, lumber milling process, intermediate joinery, and finishing techniques will be covered. Students will be required to complete a project(s) chosen by the instructor, and additional projects approved by the instructor.

559 Architectural Drawing 1

.50 Credit 1 Semester Grades: 10,11,12

Prerequisite – C (73%) or better in Intro to Woodworking

Architectural Drawing, I will acquaint the student with types of drafting techniques and drawings utilized in the residential building trades. Architectural styles, residential designs, estimating and specifications, alternative energy, computer models, computer aided drafting, with REVIT are included to give the student the broad-based knowledge to design and produce a complete set of residential house plans.

563 Architectural Drawing 2

.50 Credit **1 Semester** **Grades: 10,11,12**

Prerequisite – B (83%) or better in Architectural Drawing I and Teacher Approval.

Architectural Drawing II presents the advanced student an opportunity to design larger projects independently. Emphasis is placed upon presentation drawings, engineering the structure, computer models, alternative energy systems, site location and architectural styling. Students will design their projects and document their work using the REVIT software

572 Small Engines

.50 Credit **1 Semester** **Grades:9,10,11,12**

FEES: \$25.00 Materials Fee.

Students will learn the principles of small engines and how to service and repair low-horsepower engines used in society today. Engine rebuilding is the focus of this class and will include inspection, disassembly, precise measurement and inspection, reassembly, and performance evaluations. Students will be required to furnish a small (3 to 5 horsepower) four cycle engine and cover the cost of parts to rebuild this engine. Students will be responsible for additional costs, safety glasses and parts. **A “C (73%)” or better in this class is one of the prerequisites for Vocational Auto Mechanics.**

573 Machine Shop (limited to 12 students)

.50 Credit **1 Semester** **Grades: 10,11,12**



Western Technical
College

Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcripted Credit: Students who demonstrate a stated proficiency may receive transcripted credit at Western Technical College.

Prerequisite- C (73%) or better in Intro to Welding & Machining

FEES: \$10.00 Materials Fee

Machine Shop is an extension of the machine metalworking processes taught in beginning metals: grinding lathe bits, speeds, and feeds, milling, boring, tapers and thread cutting procedures. Machine shop occupations will also be discussed. Two projects are required for completion of class. Students will be charged the cost of materials used.

574 Car Care

.50 Credit **1 Semester** **Grades: 10,11,12**

Car Care class aims to prepare the student for the responsibilities of car ownership. The course covers the basic functions of the automobile, routine maintenance repairs and trouble shooting. Students will also learn about researching and buying automobiles, financing, insurance, state inspection and the economic implications of ownership. Working safely both in school and at the roadside during an emergency will be covered as will how handle car dealers and mechanics. The emergence of new automotive technology will also be discussed. With this knowledge the student will have the ability to save money and make a wise decision regarding a major investment. **Students will have the opportunity to work on their own vehicles in this class. Students should be turning 16 years old or older during the semester they take this class.**

575 Welding (limited to 12 students)

.50 Credit **1 Semester** **Grades: 10,11,12**



Western Technical
College

Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcripted Credit: Students who demonstrate a stated proficiency may receive transcripted credit at Western Technical College.

Prerequisite – C (73%) or better in Intro to Welding & Machining

FEES: Students will be required to purchase materials approximately \$10.00.

Arc and oxyacetylene cutting processes and techniques are explained and demonstrated in flat positions. Time is spent on stick, MIG and TIG welding, cutting, weld preparation, and fit up. The required shop fee varies for individual projects. **Students will be required to purchase welding gloves and safety glasses to wear in the shop.**

579 Construction Industry Basics (previously Framing)

.50 Credit

1 Semester

Grades: 10,11,12



Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcripted Credit: Students who demonstrate a stated proficiency may receive transcripted credit at Western Technical College.

Prerequisite – Drafting/Woods

FEES: Possible fee for materials.

NOTE: This class fulfills the prerequisite for Vocational Building Trades (587) with a C (73%) or better.

Student can obtain an Industry Recognized Credential during or after completing this course.

Students will be introduced to portable power tools, various hand tools, measuring and layout procedures, and site development using surveying equipment. Concrete as a building material, foundation walls and footings, and below grade foundation preparation will be studied as well. Above grade concepts focused on floor, wall and roof framing will be discussed and practiced in detail.

581 Computer Integrated Metals

.50 Credit

1 Semester

Grades: 10,11,12

FEES: Students will be required to purchase materials approximately \$15.00.

NOTE: Basic woodworking, AutoCAD and art backgrounds are beneficial but not required for students wishing to enroll in this class.

This course is designed to teach the fundamentals of Computer Numerical Control (CNC) design as well as basic foundry. Students will learn how to utilize the PlasmaCAM program to cut precise designs in metal using the CNC plasma cutter. Students will also learn how to use the MasterCAM program to develop a one-piece pattern for a foundry project using the CNC router. Students will have an opportunity to utilize their artistic abilities to design various unique projects. **Safety glasses are required.**

582 PLTW Intro to Engineering Design

1.0 Credit

2 Semesters

Grades: 9,10,11,12



Accepted at some UW Schools for Transcripted credit.

Laude Points: THS Laude points will be awarded for successful completion of this course.

Dual Credit: Students who pass this course may be eligible for college credit through Milwaukee School of Engineering.

Prerequisite – Concurrent enrollment in Algebra 1 or a C or better in their last math class or have completed Algebra 1 with a C or better.

This is a foundational course for any student looking to pursue an education and career in engineering. Students will gain an understanding of the design development process, enrich their problem-solving skills, and learn to work on a team. They will create and analyze models using the Inventor engineering computer software and from those models create professional working drawings. Additionally, students will learn course concepts through problem and project-based learning opportunities. Projects in this course include reverse engineering of a product to make improvements, a virtual design project, and an automaton (where students will be designing and 3D printing cams and other parts to create specific movements).

583 PLTW Principles of Engineering

1.0 Credit

2 Semesters

Grades: 10,11,12



Accepted at some UW schools for transcripted credit.

Laude Points: THS Laude points will be awarded for successful completion of this course.

Dual Credit: Students who pass this course may be eligible for college credit through Milwaukee School of Engineering.

Prerequisite – Concurrent enrollment in Geometry and a C or better in Algebra 1 or C or better in Geometry. Recommended but not required to have completed Introduction to Engineering Design before enrolling in this course.

This survey course exposes students to major concepts they'll encounter in a post-secondary engineering course of study. Topics include mechanisms, energy, statistics, materials, and kinematics. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions. Projects in this course include building simple machines, electronic bread boarding, creating solutions for thermodynamics through common materials, computer program writing, building, and automating robotics, designing, and testing aerial launchers, and designing and testing structural systems.

Students can earn Tomah High School technology education credit or math equivalency credit, accepted by the University of Wisconsin system.

782 Youth Apprenticeship- Transportation**Maximum 1.0 Credit PER SEMESTER****Grades: 11,12***Prerequisites: Small Engines and concurrent enrollment in Vocational Auto Mechanics and Teacher Approval.*

NOTE: Work experience placements will be based on availability of job sites.

This opportunity is designed to provide paid work experience and credit for students interested in Transportation. Student workers may be employed in various industry settings in the area. Employed students may be scheduled for early dismissal depending on the job requirements and schedule. Students must be on track for graduation during the application process and must remain on track for graduation to continue in the work experience program. Students must also maintain a good attendance record at the high school throughout their work experience to continue in the program. Concurrent enrollment in 1 credit worth of related instruction is required.

Students interested in this opportunity must apply as part of the (next years) registration process. Application forms may be obtained from the content-area teacher or YA Coordinator. Job placement depends on student's ability to locate an appropriate job site.

784 Youth Apprenticeship- Construction**Maximum 1.0 Credit PER SEMESTER****Grades: 11,12***Prerequisites: Carpentry or Architectural Drawing and concurrent enrollment in Vocational Building Trades and Teacher Approval.*

NOTE: Work experience placements will be based on availability of job sites.

This opportunity is designed to provide paid work experience and credit for students interested in Architecture and Construction. Student workers may be employed in various settings in the area. Employed students may be scheduled for early dismissal depending on the job requirements and schedule. Students must be on track for graduation during the application process and must remain on track for graduation to continue in the work experience program. Students must also maintain a good attendance record at the high school throughout their work experience to continue in the program. Concurrent enrollment in 1 credit worth of related instruction is required.

Students interested in this opportunity must apply as part of the (next years) registration process. Application forms may be obtained from the content-area teacher or YA Coordinator. Job placement depends on student's ability to locate an appropriate job site.

Jobs for America's Graduates (JAG)

Jobs for America's Graduates, funded by Forward Service Corporation of Madison, is designed to target high school students who need assistance with school success, organizational skills, and achieving high academic goals. Students are accepted into JAG through completed applications, recommendations, and individual interviews. The JAG Career Specialist meets daily with students in a scheduled class period which receives credit during the school day and works with them on academic tutoring, career and college interests and skills necessary to succeed in high school and beyond. Students interested in applying to be in the JAG program can get an application from Ashley Williford in Room 244 or parents can call 608-374-7916.

ID#	Course	Credit	Recommended Grade Level				Laude 	Transcripted Credit
			9	10	11	12		
700	Jobs for America's Graduates 9 th	1.0	X					
701	Jobs for America's Graduates 10 th	1.0		X				
702	Jobs for America's Graduates 11 th	1.0			X			
703	Jobs for America's Graduates 12 th	1.0				X		
982	Study hall – JAG	0.0	X	X	X	X		

Jobs for America's Graduates (JAG) is designed to provide students with the support to thrive academically and develop employability skills. Students will learn and master the JAG competencies and participate in Career Association meetings in the JAG classroom setting. Students will also have the opportunity to participate in job shadows, business tours, college tours, and community service activities. Furthermore, this course will provide students with additional services including academic assistance, study skills workshops, career guidance, resume and scholarship writing workshops, and college preparation. Whether students plan to enter the workforce, military, or attend post-secondary education, this course is designed to help them reach their career goals.

700 JAG 9

1.0 Credit

2 Semesters

Grade:9

JAG 9 will emphasize the integration into high school life, organizational skills, schedule management, project-based learning, introduction to writing emails and diving deep into self-advocacy and proper representation of self.

701 JAG 10

1.0 Credit

2 Semesters

Grade: 10

JAG 10 will continue building on JAG 9 skills, serving community service hours in the classroom with project-based learning, career exploration and planning for the future.

702 JAG 11

1.0 Credit

2 Semesters

Grade:11

JAG 11 will continue building on JAG 9 and JAG 10 skills, creating portfolios and resumes, applying for scholarships, youth apprenticeships, school to work program and college/career research.

703 JAG 12

1.0 Credit

2 Semesters

Grade:12

JAG 12 will continue building on the accumulation of skills from JAG 9, JAG 10, JAG 11, budget planning, college applications, career readiness, military branch exploration, applying for FAFSA and scholarships, school to work opportunities as well. Ms. Williford will continue to follow students and their success for at least one year following graduation.



Junior Reserve Officers' Training Corps (JROTC)

Junior Reserve Officers' Training Corps (JROTC) is the largest youth program, with an accredited curriculum, in high school. It serves as a character and leadership development program for our nation's high school students. High school students enrolled in JROTC are "Cadets." There are approximately 314,000 Cadets enrolled in JROTC in 1,731 high schools, led by 4,000 retired Army Instructors. The program's focus is reflected in its mission statement, To Motivate Young People to be Better Citizens. "It is a purpose of the Junior Reserve Officer's Training Corps to instill in students in United States secondary educational institutions the values of citizenship, service to the United States, and personal responsibility and a sense of accomplishment." (USC Title 10) The program is a stimulus for promoting graduation from high school, and it provides instruction and rewarding opportunities that will benefit the student, community, and nation.

ID#	Course	Credit	Recommended Grade Level			
			9	10	11	12
9086	LET 1: The Emerging Leader	1.0	X	X	X	X
	LET 2: The Developing Leader	1.0		X	X	X
	LET 3: The Supervising Leader	1.0			X	X
	LET 4: The Managing Leader	1.0			X	X

Recommended progression of Leadership Education and Training (LET) courses for prospective students

Course Scope and Sequence

Course Scope and Sequence The curriculum includes four core Leadership Education and Training (LET) units, one for each high school grade level. Courses are designed as a typical 1-credit high school course requiring 120-180 contact hours. A contact hour is based on a 60-minute class period. LET 1-4 include core lessons as indicated below in the Course Outline. Competencies describe discipline-specific measurable and observable skills, knowledge, and attitudes. They are targeted in each lesson of the curriculum. Performance standards (criteria and conditions) provide the specifications for assessing mastery of a competency. Cadets show they have learned competencies by applying them in the completion of assessment tasks that require them to do one or more of the following:

- Make a decision
- Perform a skill
- Perform a service
- Solve a problem
- Create a product

JROTC Program Entry Requirements

- LET 1 Cadets: Completion of the eighth grade.
- LET 2 Cadets: Completion of LET 1
- LET 3 Cadets: Completion of LET 1 and 2
- LET 4 Cadets: Completion of LET 1, 2, and 3

Unit 1: Leadership Education and Training (LET) 1 – The Emerging Leader

1.0 Credit Semester 9,10,11,12

This is the first of four core courses in the Army Junior Reserve Officers' Training Corps (JROTC) high school program. This course supports 22 lessons designed for first-year Cadets. Because the central focus of the JROTC program is to help develop strong leaders and model citizens. First year Cadets are introduced to content that will help the inner leader begin to emerge. Knowledge, skills, and abilities acquired in this unit are covered in five chapters. They are:

Chapter 1: JROTC Foundations introduces Cadets to the mission of the program and how it helps prepare personal success and citizenship. They are exposed to the traditions, organizational structure, and disciplines of JROTC and begin putting into practice customs and courtesies important in the program.

Chapter 2: Personal Growth and Behaviors focuses on the Cadet. In this chapter they take a close look at personal behavioral preferences, interpersonal skills and abilities, and strategies to help build personal success -- in the high school classroom, the JROTC program, and the Cadet's community.

Chapter 3: Team Building introduces Cadets to the discipline and structure of military drills. The individual role responding to commands and moving with precision is essential when participating in drill exercises at future competitions or community events.

Chapter 4: Decision Making introduces Cadets to a process and system for addressing goals and handling conflict, both internal and with others.

Chapter 5: Health and Fitness looks at stress and its effect on health. In this chapter, Cadets will examine ways to address and manage stress in life. Physical fitness is one effective strategy for maintaining health and is an essential component of this JROTC program through Cadet Challenge.

Chapter 6: Service Learning is a required element of the JROTC program. In LET 1, Cadets learn the features and benefits of service learning for the community, oneself, and the JROTC program.

Unit 2: Leadership Education and Training (LET) 2 – The Developing Leader

1.0 Credit Semester 10,11,12

Unit 2: Leadership Education and Training (LET) 2 – Developing Leader builds upon the mastery of LET 1 skills and abilities, providing Cadets with new and more challenging opportunities in leadership development. There are 24 active-learning lessons within eight chapters. The chapters are:

Chapter 1: Leadership introduces Cadets to the elements of leadership, encouraging the analysis of personal leadership attributes and their relationship to program goals. Also, Cadets examine their own leadership competencies and style and the role they play in teams.

Chapter 2: Personal Growth and Behaviors focuses on the communication. Good leaders are effective communicators. Writing, listening, and speaking are essential outcomes in this learning module. Communication also supports personal confidence, and Cadets will begin to see how their strengths relate to their vocational interests and begin to explore post-secondary options. Finally, Cadets examine the role ethics plays in leadership and how core values effect their personal code of conduct.

Chapter 3: Team Building introduces new challenges and opportunities for team and squad drill leaders. As leadership develops, so does discipline and team building, demonstrated regularly in drill and ceremony activities.

Chapter 4: First Aid exposes Cadets to the citizen's role in helping others during an emergency. This learning module helps Cadets identify emergency situations and the universal precautions to address them. Additionally, Cadets will explain first aid responses to common and severe emergencies.

Chapter 5: Decision Making uses the model for making good choices and decisions to situations that involve bullying and violence. Cadet leaders take a stance against bullying and encourage others to make those same good choices.

Chapter 6: Health and Fitness focuses on nutrition, body image, and the elements of good health. In this learning module, Cadets use decision-making and goal setting in their plans for life-long health. Cadets strive for physical fitness goals through Cadet Challenge and regular program exercise, as possible.

Chapter 7: Service Learning provides LET 2 Cadets an opportunity to participate, but also evaluates the effectiveness of a service learning project. Participating in after action reviews with teams and making decisions toward continuous improvement of service to others are hallmarks of this unit.

Chapter 8: Citizenship and Government introduces Cadets to the purpose of government and the role of the U.S. Constitution on democracy and the rights of its citizens.

Unit 3: Leadership Education and Training (LET) 3 – The Supervising Leader

1.0 Credit Semester 10,11,12

Course will be offered 2026-2027

Unit 3: Leadership Education and Training (LET) 3 - Supervising Leader builds upon the mastery of LET 1 and 2 skills and abilities, providing Cadets with new and more challenging opportunities as a leader by overseeing planning, project implementation, and team personnel. Cadets at this level can acquire battalion staff positions and responsibilities and help integrate improvements in the local JROTC program and community. There are 20 active- lessons within seven chapters. The chapters are:

Chapter 1: Leadership looks at the command and staff roles and their relationship to leadership in the battalion and with battalion projects. Cadets evaluate their personal management skills and help prepare and lead meetings and continuous improvement plans as supervisors.

Chapter 2: Personal Growth and Behaviors focuses on personal planning and management, looking at opportunities after high school and making plans for college, military, or workplace. Career action planning occurs in this learning module and Cadets develop a career portfolio to showcase their JROTC program and academic achievements.

Chapter 3: Team Building provides Cadets with an opportunity to earn duties and responsibilities as a platoon leader or sergeant and execute platoon drill.

Chapter 4: Decision Making provides Cadets leadership development opportunity to use strategies for neutralizing prejudice in relationships and negotiate an agreement.

Chapter 5: Health and Fitness takes a hard look at the effectiveness of substance use and abuse on health. While examining the influences that impact teen culture today, Cadets take a leadership stance on their response to substances such as tobacco, alcohol and drug use. In this course, Cadets explore response strategies for substance abuse situations.

Chapter 6: Service-Learning projects often lie in the hands of upper-class men and women to lead service learning initiatives for the JROTC program. In this learning module, Cadet will create a service-learning plan, helping to organize teams and their roles in the project schedule.

Chapter 7: Citizenship and Government will look deeper at the citizen's role in society as contribution to a strong community.

Unit 4: Leadership Education and Training (LET) 4 – The Managing Leader

1.0 Credit Semester 11, 12

Course will be offered 2026-2027

Unit 4: Leadership Education and Training (LET) 4 - Managing Leader provides Cadets multiple opportunities to manage and lead in the battalion, in the school, and their respective communities. The LET 4 Cadet is ready to assume responsibilities and manage him or herself and others whom they work with or oversee as a Cadet manager. There are 12 active-learning lessons within five chapters. The chapters are:

Chapter 1: Leadership looks closely the leadership role in continuous improvement, recognizing team attitudes that contribute to achieving personal and battalion goals. LET 4 Cadets are mentors and leaders to younger Cadets and work with Instructors and other Cadets on lesson development and delivery. Leaders encourage feedback from their subordinates and teammates.

Chapter 2: Personal Growth and Behaviors encourages the LET 4 Cadet to look beyond high school into adulthood. Cadets are challenged to identify personal management and accountability strategies and develop a 10-year plan for professional and personal success.

Chapter 3: Team Building provides LET 4 Cadets an opportunity to apply motivation strategies to teams and use effective communication models to provide feedback to others for encouragement and improvement. Drill leadership opportunities include executing company and battalion drills.

Chapter 4: Service Learning provides LET 4 Cadets an opportunity to manage a service-learning project, using several project management tools.

Chapter 5: Citizenship and Government will examine how competing principles and values challenge the fundamental principles of society. Cadets develop solutions for future challenges to citizen rights.

Math Courses								
ID#	Course	Credit	Recommended Grade Level				Laude 	Transcripted Credit
			9	10	11	12		
266	Algebra 1 (2 Semesters)	1.0	X	X	X	X		
261	Algebra 1 (3 Semesters) (A-C)	1.5	X	X	X	X		
276	Geometry (2 Semesters)	1.0	X	X	X	X		
271	Geometry (3 Semesters) (A-C)	1.5	X	X	X	X		
279	Algebra 2	1.0	X	X	X	X		
280	Financial Math	.50			X	X		
283	Intro to Statistics	.50			X	X		
285	Pre-Calculus	1.0		X	X	X		
291	AP Calculus	1.0			X	X		
295	AP Statistics	1.0			X	X		
583	PLTW Principles of Engineering	1.0		X	X	X		Milwaukee School of Engineering

The math department believes that each student should be challenged to perform at his/her ability level. The department also expects each student to advance his/her mathematical knowledge. A student may retake a course to improve a low but passing grade however additional math credit will not be given.

All 4-year Wisconsin Public Universities (UW System Schools) require a minimum – Algebra 1, Geometry, and Algebra 2 for admission.

266 Algebra 1

1.0 Credit

2 Semesters

Grades: 9,10,11,12

OR

261 Algebra 1

1.5 Credit

3 Semesters

Grades: 9,10,11,12

Prerequisite - Teacher Recommendation

This course aims to provide students with a solid foundation in algebraic concepts and skills. Topics covered include symbols and properties of algebra, integers, solving equations and inequalities, exponential functions, linear equations and linear functions, problem solving skills and strategies. Students also work on monomials and polynomials including factoring, graphing, solving systems of equations and basics of statistics.

Fulfillment of Algebra 1 can be obtained through either of two options:

- Option 1 – must take and pass course numbers 261, 262, and 263
- Option 2 – Must take and pass course numbers 266 and 267

266 Algebra 1 .50 credit Semester 1	261 Algebra 1A (Sem 1 of 3) .50 credit Semester
267 Algebra 1 .50 credit Semester 2	262 Algebra 1B (Sem 2 of 3) .50 credit Semester
	263 Algebra 1C (Sem 3 of 3) .50 credit Semester

276 Geometry**1.0 Credit****2 Semesters****Grades: 9,10,11,12****OR****271 Geometry****1.5 Credit****3 Semesters****Grades: 9,10,11,12***Prerequisites – Fulfillment of Algebra 1 requirement (either courses 261, 262 AND 263, OR course 266 AND 267) AND Teacher Recommendation***May be taken concurrently with Algebra 2.****A grade of “C” or better in Algebra 1 is recommended to ensure success in Geometry.**

This course will cover the study of lines, angles, triangles, special right triangles, quadrilaterals, congruent triangles, similar triangles, circles, areas, volumes, and constructions. Algebra will be reviewed and integrated with the above. Deductive and inductive thinking will be stressed.

Fulfillment of Geometry can be obtained through either of two options:

- Option 1 – Must take and pass course numbers 271, 272, AND 273
- Option 2 – Must take and pass course numbers 276 and 277

276 Geometry .50 Credit Semester 1	271 Geometry A (Sem 1 of 3) .50 Credit Semester 1
277 Geometry .50 Credit Semester 2	272 Geometry B (Sem 2 of 3) .50 Credit Semester 2
	273 Geometry C (Sem 3 of 3) .50 Credit Semester 3

279 Algebra 2**1.0 Credit****2 Semesters****Grades: 9,10,11,12***Prerequisites – Fulfillment of Algebra 1 requirement (either courses 261, 262, AND 263, OR courses 266 AND 267 AND Teacher Recommendation***A grade of “C” (73%) or better in Algebra 1 is recommended to ensure success in Algebra 2.**

Topics of study in Algebra 2 include linear functions, parent graphs and their transformations, quadratic functions, polynomial functions, exponents and radical functions, logarithms, and statistics. There will be an emphasis on solving equations and graphing throughout most of these topics of study, including equations with complex-imaginary solutions.

280 Financial Math**.50 Credit****1 Semester****Grades: 11,12***Prerequisites - Teacher Recommendation*This course will investigate the mathematics of various financial topics. Topics will include consumer credit, employment basics, banking systems, basics of investments, budgeting, insurance, and income taxes. **Meets Financial Literacy Graduation Requirement.****283 Intro to Statistics****.50 Credit****1 Semester****Grades: 11,12***Prerequisites - Teacher Recommendation*

This course will cover the statistical measures of mean, median, mode deviation from the mean and standard deviation. Topics from probability will include combination and permutation, random sampling, events, sample space, independent events, and probabilities of chance: statistical or experimental probability will also be covered.

285 AP Precalculus (AP Status Pending Board Approval)

1.0 Credit

2 Semesters

Grades: 10,11,12



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisites – Fulfillment of Algebra 2 requirement (course 279) AND fulfillment of Geometry (either courses 271, 272, AND 273, OR courses 276 AND 277) AND Teacher Recommendation. A grade of “C” (73%) or better in Geometry and Algebra 2 is recommended to ensure success in Pre-Calculus.

This course is designed to review, integrate, and extend the first three years of high school math and to prepare students for any future course requiring mathematics. The topics covered in Pre-Calculus are: conic sections and their graphs; trigonometric functions, identities, and equations; logarithms; exponential functions and their graphs; vectors, lines, planes, and coordinate axes; real and imaginary roots and graphs of polynomials; series, sequence, infinite, and finite limits. This content is particularly useful for students considering careers in engineering, medicine, chemistry, physics, accounting, law, business, psychology, computers, etc.

291 AP Calculus

1.0 Credit

2 Semesters

Grades:11,12



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisites – Earned one full credit of Pre-Calculus AND Teacher Recommendation

This course is designed for students who would like to take a fifth year of high school math. Topics covered include graphing, continuity, differentiation, integration, and applications of these topics. **The curriculum closely follows that of the Advanced Placement (AP) examination. Students may opt to take this exam for college credit.**

295 AP Statistics

1.0 Credit

2 Semesters

Grades: 11,12



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisites - Algebra 2

This course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring Data: Describing patterns and departures from patterns.
2. Sampling and Experimentation: Planning and conducting a study.
3. Anticipating Patterns: Exploring random phenomena using probability and simulation.
4. Statistic Inference: Estimating population parameters and testing hypotheses.

The curriculum closely follows that of the Advanced Placement (AP) examination. Students may opt to take this exam for college credit.

583 PLTW Principles of Engineering

1.0 Credit

2 Semesters

Grades:10,11,12



Laude Points: THS Laude points will be awarded for successful completion of this course.

Dual Credit: Students who pass this course may be eligible for college credit through Milwaukee School of Engineering.

Prerequisite – Concurrent enrollment in Geometry and a C or better in Algebra 1 or C or better in Geometry. Recommended but not required to have completed Introduction to Engineering Design before enrolling in this course.

This survey course exposes students to major concepts they'll encounter in a post-secondary engineering course of study. Topics include mechanisms, energy, statistics, materials, and kinematics. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions. Projects in this course include building simple machines, electronic bread boarding, creating solutions for thermodynamics through common materials, computer program writing, building, and automating robotics, designing, and testing aerial launchers, and designing and testing structural systems.

Students can earn Tomah High School technology education credit or math equivalency credit, accepted by the University of Wisconsin system. Students may also be eligible to receive college credit through Milwaukee School of Engineering (MSOE) and Western Technical College for this course.

Medical Careers Academy

The Medical Career Academy is a multi-year high school educational program that integrates academics with practical instruction in health-related fields, identifying the relevance of one to the other and thereby improving student understanding and retention. Students are scheduled to take classes together but scheduling also allows for other required and elective classes and extracurricular activities such as band and athletics.

Students need to register for a minimum of 7.00 credits.

Recommended progression of courses for prospective students

<u>Freshman Year</u> 101 Freshman English 263 Algebra 1 301 Biology 201 World History 611 Health	<u>Junior Year</u> 117 Junior English 279 Algebra 2 614 Advanced Health 340 Professional Patient Care 343 Medical Terminology
<u>Sophomore Year</u> 106 Sophomore English 277 Geometry 311 Chemistry 205 U.S. History 1 215 Civics	<u>Senior Year</u> 124 Senior English 315 Anatomy/Physiology 733 Nursing Assistant 775 School to Work – Health 342 Clinical Observations

Miscellaneous Courses								
ID#	Course	Credit	Recommended Grade Level				Laude 	Tran scripted Credit
			9	10	11	12		
698	Leadership	.50		X	X			
709	Universal Leadership and Life Skills Mentor	.50			X	X		
713	High School Office Worker	.25			X	X		
714	Counseling Office Worker	.25			X	X		
995	Mid-Year Graduation	0				X		

698 Leadership

.50 Credit

1 Semester

Grades: 10,11

Prerequisite: After enrolling in this class you will need to pick up an application from Mr. Jungmeyer (room 121). Applications must be returned to Mr. Jungmeyer's room by the due date.

Leadership is a semester class that uses the Character Strong curriculum to study and learn the importance and effects of kindness, service, and empathy. Leadership is a high energy, hand-on learning environment that also requires self-reflection. The goal of this class is to strengthen students' character and social emotional skills by giving students opportunities to put service into action through character building activities.

709 Universal Leadership and Life Skills Mentor

.50 Credit

1 Semester

Grades:11,12

(This elective course does not count for ESS credit.)

Prerequisite: Exercise and Sports Science 1. Preference will be given to students who have taken Mr. Jungmeyer's Leadership course.

This course is designed to incorporate regular education students with special needs students in an Exercise and Sport Science setting and Life Skills activities. Regular education students will be mentors/teachers for the special needs students and guide them in learning and participating in activities such as Fishing, Canoeing, Team Building, Ropes Course, Archery, Bowling, Biking, Climbing Wall, Cross Country skiing, Snowshoeing, and life skills, such as cooking, baking, kitchen safety, household chores, cleaning, banking and shopping.

713 High School Office Worker

.25 Credit

1 Semester

Grades: 11,12

Prerequisites- Good attendance, no failing grades during high school career, limited discipline referrals to office & administrative approval.

Office workers assist high school staff in their daily work. Running in-school errands, answering the telephone, stapling materials, and filing are some of the duties which may be expected of an office worker. **Past attendance, discipline and GPA will be reviewed during the summer before final approval is given. Students will be required to sign a confidentiality agreement.**

714 Counseling Office Worker

.25 Credit

1 Semester

Grades: 11,12

Prerequisites- Counselor Approval

Office workers assist counseling staff in their daily work. Running in-school errands, answering the telephone, stapling materials, and filing are some of the duties which may be expected of an office worker. **Past attendance, discipline and GPA will be reviewed during the summer before final approval is given. Students will be required to sign a confidentiality agreement.**

995 Mid-Year Graduate

Grade:12

Prerequisite – Board Policy 5464 Mid-Year and Full-Year Early Graduation

Tomah High School encourages all students to participate in eight semesters of high school. College admissions counselors stress the importance of four full years of high school to allow students to take advanced classes in math, science, English, and other college-prep courses. The advanced, senior-level courses are the steppingstones to college-level work.

Students who choose to graduate early must meet with their high school counselors to review graduation requirements and credits. Students must also complete and submit the early graduation written plan to the high school principal by **July 1** preceding the final semester. A checklist outlining these requirements is available from the student's counselor.

Music Courses								
ID#	Course	Credit	Recommended Grade Level				Laude	Transcribed Credit
			9	10	11	12		
671	Music Appreciation	.50	X	X	X	X		
673	Music Theory – Honors	.50			X	X		
674	AP Music Theory	1.0			X	X		
675	Mixed Choir	1.0	X	X	X	X		
677	Treble Choir	1.0	X	X	X	X		
679	Select Choir	1.0		X	X	X		
682	Color Guard	.25	X	X	X	X		
684	Concert Band	1.0	X	X	X	X		
685	Wind Ensemble	1.0	X	X	X	X		

NOTE: Show Choir/Show Band is an auditioned extra-curricular group that meets outside of the school day. Students MUST be a member of a curricular choir or band to participate.

671 Music Appreciation

.50 Credit

1 Semester

Grades: 9,10,11,12

In this course, students will interact with music in many ways. From music history to modern music trends, students will be exposed to a variety of musical genres, ideas, and composers. In this project-based class, students will get the opportunity to conceptualize their own creations for a variety of musical concepts. Musical theater, the impact of hip-hop music, video game music, music and the Civil Rights Movement, film scores, music in the world of social media, and many more topics will be studied. Come explore the impact of music throughout history and on today's world.

673 Music Theory-Honors

.50 Credit

1 Semester

Grades: 10,11,12



Laude Points: THS Laude points will be awarded for successful completion of this course. Prerequisites - Teacher Approval

This course offers a beginner's approach to learning about the structure and components of music. Students who find reading and understanding music to be a difficult task will find this class to be quite helpful in their pursuit of internalizing essential facets of Western music. Note and clef reading, rhythmic structure and composition, intervals chord structures, scale keys, signatures transposition, and basic melody writing are a few of the topics that will be addressed in this semester- long course.

674 AP Music Theory

1.0 Credit

2 Semesters

Grades: 11,12



Laude Points: THS Laude points will be awarded for successful completion of this course.

*Prerequisites – Teacher Consult & Approval *Prior enrollment in Music Theory- Honors is highly recommended.*

AP Music Theory is a college-level course for the serious, dedicated music student. This course is equivalent to a first-year college theory course for music majors. It offers the opportunity to study, analyze, and synthesize aspects of music composition and construction. Students cultivate their understanding of music theory through analyzing performed and notated music as they explore concepts like pitch, rhythm, form, and musical design. Students focus on the compositional styles and techniques of classical and modern composers to better understand the issues and concepts involved in creating and notating music. Aural, sight-singing, written, compositional, and analytical skills will be developed through an integrated approach using listening, performance, written, and creative exercises through analysis. The units of study in this course include: Music Fundamentals I: Pitch, Major Scales and Key Signatures, Rhythm, Meter, and Expressive Elements; Music Fundamentals II: Minor Scales and Key Signatures, Melody, Timbre, and Texture; Music Fundamentals III: Triads and Seventh Chords; Harmony and Voice Leading I: Chord Function, Cadence, and Phrase; Harmony and Voice Leading II: Chord Progressions and Predominant Function; Harmony and Voice Leading III: Embellishments, Motives, and Melodic Devices; Harmony and Voice Leading IV: Secondary Function; Structure: Modes and Form.

675 Mixed Choir

1.0 Credit

2 Semesters

Grades: 9,10,11,12

**This course may be repeated for a maximum of 8 semesters during a student's enrollment at Tomah High School.*

This is a non-auditioned choir open to any beginning student who has an interest in choral singing and music. No previous experience is required. Students will learn the basics of vocal technique, sight-singing, music history, and music theory. Students will sing musical selections from different styles, time periods, and cultures. This is a performance-based class, and students are required to attend all concerts. The emphasis of this course is placed on the student becoming a well-rounded musician and developing skills in all areas of music.

677 Treble Choir

1.0 Credit

2 Semesters

Grades: 9,10,11,12

Prerequisite – Two semesters of Mixed Choir and/or teacher recommendation/ approval.

**This course may be repeated for a maximum of 8 semesters during a student's enrollment at Tomah High School.*

This is an auditioned choir open to treble-voice students (Soprano/Alto) who have an interest in choral singing and music. Students will continue to develop their vocal technique, sight-signing, and knowledge in music history and music theory, but at a more advanced level. Musical selections will be from a variety of styles, time periods, and cultures and will be sung in 2-4 parts. This is a performance-based class, and students are required to attend all concerts. The emphasis of this course is placed on the student becoming a well-rounded musician and developing skills in all areas of music.

679 Select Choir

1.0 Credit

2 Semesters

Grades:10,11,12



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite- Enrollment in this course is by audition only. Student must be Grade 10 or older. No exceptions.

**This course may be repeated for a maximum of 6 semesters during a student's enrollment at Tomah High School.*

This is an auditioned choir. Students in this ensemble are at a more advanced level than those in Mixed Choir and will sing music in 4+ parts. The class builds on pre-existing knowledge of vocal technique, music theory and music history, and multi-cultural music. Students are expected to function in a large ensemble, small sectionals, and individual practice. Students will have a more refined level of performance and will focus on rhythmic and tonal accuracy, and stylistic authenticity. Students in this choir may also have extracurricular performances that are either required for a grade and/or highly recommended. This is a performance-based class and students are required to attend all concerts. The emphasis of this course is placed on the student becoming a well-rounded musician and developing high level skills in all areas of music.

682 Color Guard

.25 Credit

1 Quarter

Grades: 9,10,11,12

Prerequisite – Audition entry only

**This course may be repeated for a maximum of 4 quarters during a student's enrollment at Tomah High School.*

The goal of the color guard is to give the student an opportunity to develop the individual and group skills necessary to visually interpret music through marching, dance, flags, and other color guard equipment. Emphasis will be placed on marching fundamentals, basic flag movement, and the development of flag routines and marching drill. Students are required to attend all rehearsals and marching band performances during the fall season, including band camp, home football games, parades, and band field trips, which will occur both during the school day and outside school hours including weekends. A full list of required activities will be available at the beginning of the course. Registered students will be notified about auditions in May. Students enrolled in this course my NOT also be enrolled in any band.

684 Concert Band/Marching Band

1.0 Credit

2 Semesters

Grades: 9,10,11,12

Prerequisite – Enrollment in Band at the Middle School level or with consult/ approval from band director is required.

**This course may be repeated for a maximum of 8 semesters during a student's enrollment at Tomah High School.*

The Tomah Bands exist to provide a diverse and wide variety of instrumental music experiences for each of its members. During first quarter, all members of the band program at Tomah High School come together to form the THS Marching Band. This large ensemble performs at all home football games as well as parades and ends the season with a fall review concert. After the first quarter ends the Tomah Bands divide into two ensembles: The Concert Band and the Wind and Percussion Ensemble. Concert Band is an entry-level high school instrumental ensemble that is dedicated to improving the skillset of each member through engaging repertoire, technique development, and exposure to influential music throughout wide band history. Concert Band performs at three concerts per school year along with other optional performance opportunities such as participation in a solo/ensemble festival, honor band, or large group festival. A complete schedule of events will be distributed to all course members of Concert Band at the beginning of the course. Technique development in lessons (outside of class) and outside-of-school performances are required as this is a performance-based course. Travel throughout the United States, opportunities to work with professional musician, and consistent opportunities to improve your skillset on your instrument are all benefits that are associated with enrollment in this course.

685 Wind and Percussion Ensemble/ Marching Band



1.0 Credit

2 Semesters

Grades: 9,10,11,12

Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite – Enrollment in this ensemble is by audition only at-all grade levels.

**This course may be repeated for a maximum of 8 semesters during a student's enrollment at Tomah High School.*

The Tomah Bands exist to provide a diverse and wide variety of instrumental music experiences for each of its members. During first quarter, all members of the band program at Tomah High School come together to form the THS Marching Band. This large ensemble performs at all home football games as well as parades and ends the season with a fall review concert. After the first quarter ends, the Tomah Bands divide into two ensembles: The Concert Band and the Wind and Percussion Ensemble. The Wind and Percussion Ensemble is an advanced-level high school instrumental ensemble that is dedicated to improving the skillset of each member through engaging repertoire, technique development, and exposure to influential music throughout wind band history. Wind Ensemble performs at three concerts per school year along with performance opportunities such as solo/ensemble festivals, honor bands, or large group festivals. A complete schedule of events will be distributed to all members of the Wind and Percussion Ensemble at the beginning of the course. Technique development in lessons (outside of class) and outside-of-school performances are required as this is a performance-based course. The rigor of this ensemble is quite high and individual practice and preparation are expected. Travel throughout the United States, opportunities to work with professional musicians, and consistent opportunities to improve your skillset on your instrument are all benefits that are associated with enrollment in this course.



PLTW – Project Lead the Way

ID#	Course	Credit	Recommended Grade Level				Laude 	Transcripted Credit
			9	10	11	12		
582	PLTW Introduction to Engineering Design	1.0	X	X	X	X		Milwaukee School of Engineering
583	PLTW Principles of Engineering	1.0		X	X	X		Milwaukee School of Engineering
584	PLTW Digital Electronics	1.0			X	X		Milwaukee School of Engineering
585	AP PLTW Computer Science Principles	1.0			X	X		Milwaukee School of Engineering
797	Youth Apprenticeship – STEM	.50			X	X		

Project Lead the Way classes are college level courses supported by Milwaukee School of Engineering, The University of Wisconsin System, and the Wisconsin Technical College System. Successful completion of a PLTW course and exam may result in college credit. Speak with the course instructor or your counselor for details.

582 PLTW Introduction to Engineering Design

1.0 Credit 2 Semesters Grades: 9,10,11,12



Accepted at some UW schools for transcripted credit.

Laude Points: THS Laude points will be awarded for successful completion of this course.

Dual Credit: Students who pass this course may be eligible for college credit through Milwaukee School of Engineering.

Prerequisite – Concurrent enrollment in Algebra 1 or a C or better in their last math class or have completed Algebra 1 with a C or better.

This is a foundational course for any student looking to pursue an education and career in engineering. Students will gain an understanding of the design development process, enrich their problem-solving skills, and learn to work on a team. They will create and analyze models using the Inventor engineering computer software and from those models create professional working drawings. Additionally, students will learn course concepts through problem and project-based learning opportunities. Projects in this course include reverse engineering of a product to make improvements, a virtual design project, and an automaton (where students will be designing and 3D printing cams and other parts to create specific movements).

583 PLTW Principles of Engineering

1.0 Credit 2 Semesters Grades: 10,11,12



Accepted at some UW schools for transcripted credit.

Laude Points: THS Laude points will be awarded for successful completion of this course.

Dual Credit: Students who pass this course may be eligible for college credit through Milwaukee School of Engineering.

Prerequisite – Concurrent enrollment in Geometry and a C or better in Algebra 1 or C or better in Geometry. Recommended but not required to have completed Introduction to Engineering Design before enrolling in this course.

This survey course exposes students to major concepts they'll encounter in a post-secondary engineering course of study. Topics include mechanisms, energy, statistics, materials, and kinematics. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions. Projects in this course include building simple machines, electronic bread boarding, creating solutions for thermodynamics through common materials, computer program writing, building, and automating robotics, designing, and testing aerial launchers, and designing and testing structural systems.

Students can earn Tomah High School technology education credit or math equivalency credit, accepted by the University of Wisconsin system.

584 PLTW Digital Electronics

1.0 Credit 2 Semesters Grades: 11, 12, or Teacher Approval



Laude Points: THS Laude points will be awarded for successful completion of this course.

Dual Credit: Students who pass this course may be eligible for college credit through some UW Colleges *Prerequisite* – Algebra 2 or concurrently enrolled in Algebra 2 and TA.

Digital electronics is the foundation of all modern electronic devices such as cell phones, laptops, tablets, digital cameras, and high-definition TVs. The major focus of the Digital Electronics course is to expose students to the process of combinational and sequential logic design, teamwork, communication methods, engineering standards and technical documentation. Students who pass this course will receive Tomah High School science credit.

585 AP PLTW Computer Science Principles

1.0 Credit 2 Semesters Grades:11,12

Accepted at some UW schools for transcribed credit.

Laude Points: THS Laude points will be awarded for successful completion of this course.



Dual Credit: Students who pass this course may be eligible for college credit through Milwaukee School of Engineering.

Recommended Prerequisite – *PLTW Intro to Engineering Design*. Computer Science and Software engineering (CSE) is a new PLTW course being offered for the 2014-2015 school year. Students work in teams to develop computational thinking and solve problems. The course covers the College Board's new CS Principles framework. The course does not aim to teach mastery of a single programming language but aims instead to develop computational thinking, to generate excitement about the field of computing, and to introduce computational tools that foster creativity. Students will create apps for mobile devices, automate tasks in a variety of languages, find patterns in data, and interpret simulations. Students collaborate to create and present solutions that can improve people's lives.

797 Youth Apprenticeship-STEM

Maximum 1.0 Credit PER SEMESTER Grades: 11,12

Prerequisites: PLTW Intro to Engineering and PLTW Principles of Engineering and concurrent enrollment in two courses in any other related instruction.

NOTE: Work experience placements will be based on availability of job sites.

This opportunity is designed to provide paid work experience and credit for students interested in Science, Technology, Engineering, and Math. Student workers may be employed in various industrial settings in the area. Employed students may be scheduled for early dismissal depending on the job requirements and schedule. Students must be on track for graduation during the application process and must remain on track for graduation to continue in the work experience program. Students must also maintain a good attendance records at the high school throughout their work experience to continue in the program.

Students interested in this opportunity must apply as part of the (next year's) registration process. Application forms may be obtained for the content-area teacher or CTEC. Job placement depends on student's ability to locate an appropriate job site.

Science Courses								
ID#	Course	Credit	Recommended Grade Level				Laude 	Transcripted Credit
			9	10	11	12		
301	Biology	1.0	X					
305	AP Biology	1.0			X	X		
309	Environmental Chemistry	1.0		X	X	X		
311	Chemistry	1.0		X	X	X		
313	AP Chemistry	1.0			X	X		
315	Anatomy/Physiology – Honors	1.0			X	X		
319	Physics	1.0		X	X	X		
321	AP Physics 1	1.0			X	X		
325	Earth and Space Science	1.0		X	X	X		
416	Veterinary Science	.50			X	X		
427	Biotechnology in Agri science	.50			X	X		
584	PLTW Digital Electronics	1.0			X	X		Milwaukee School of Engineering

Science Department Mission Statement

The primary goal of the Science Department is to support the school's mission statement of creating a learning community that empowers students to become respectful, responsible, productive citizens in a diverse society; therefore, every student will be challenged to accomplish academic, social and vocational goals. As science teachers, we strive to support the high school mission statement by teaching students how to:

- Communicate effectively
- Think critically and creatively
- Solve problems resourcefully
- Use technology effectively
- Work cooperatively
- Develop as self-directed learners

To accomplish this goal, the science department implements a diverse curriculum aligned to the Next Generation Science Standards. Our teachers emphasize high expectations for all students. Teachers create a learning environment that focuses on conceptual learning and meaningful activities which challenge students to apply and communicate their knowledge. Our Introductory classes, with which all students begin, emphasize the inquiry process through varied instructional strategies and scientific technologies to enable students to develop as self-directed learners. These skills are essential when progressing past the introductory courses and into our upper level offerings.

301 Biology

1.0 Credit

2 Semesters

Grade: 9

Biology is the study of living organisms and how they function and interact with the environment in which they live. Topics to be covered include scientific methods, cellular structure and function, body systems, genetics, heredity, evolution, ecology. Students must pass to register for chemistry. This class fulfills the state Department of Public Instruction's graduation standards for Biological Science.

305 AP Biology

1.0 Credit

2 Semesters

Grades: 11,12 OR Teacher Approval



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite – Successful completion of Biology (301) and Chemistry (317) with a letter grade of “C” or better and teacher recommendation.

The AP Biology course is designed to offer students the opportunity to experience a college level Biology class while still in high school. The main goals are to help students develop a conceptual framework for modern biology and appreciate and utilize science as a process. The emphasis is on developing an understanding of concepts rather than the accumulation of facts. Scientific inquiry is utilized to apply biological knowledge and develop critical thinking and analytical skills. Knowledge of basic biology and chemistry is a prerequisite of the course. Four big ideas are the emphasis of this course: 1) evolution and diversity of life 2) utilization of energy of growth, reproduction, and life functions 3) information storage, transmission, and retrieval of information (DNA), and 4) interactions of biological systems.

The curriculum closely follows that of the Advanced Placement (AP) examination. Student may opt to take this exam for college credit.

309 Environmental Chemistry

1.0 Credit

2 Semesters

Grades: 10,11,12

Prerequisite – Successful completion of Biology (301)

Environmental Chemistry is a practical science course which introduces chemistry concepts that will help the student be successful in chemistry. This course will tie the understanding of chemical concepts and applications within the world around them. This course is not as math intensive as Chemistry 311. Chemistry topics include periodic table and trends, introduction to bonding and naming compounds, and chemical reactions. Environmental topics include ecology-population dynamics, environmental health, human impact on the environment, environmental solutions including but not limited to nonrenewable and renewable energy and more.

311 Chemistry

1.0 Credit

2 Semesters



Grades: 10,11,12

Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite – Successful completion of Biology (301) and Algebra 1 (263)

Chemistry is a college prep course for those students who plan to go to a university, college or technical school and is a prerequisite for AP Chemistry.

Students planning to study nursing or any other medical/STEM field should take this class.

This course will give students an understanding of the basic principles of the chemical world. Chemistry is a science course that is math intensive. Students will work on mastering concepts of dimensional analysis, atomic structure/periodic trends, compound names/formulas, quantitative responses (math application), and the use of algebraic equations.

313 AP Chemistry

1.0 Credit

2 Semesters



Grades: 11, 12 OR Teacher Approval

Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisites – Successful completion of Chemistry (317) AND Teacher Recommendation.

This course is equivalent to a first-year college chemistry class. This course includes the following concepts: redox reactions, solution chemistry, kinetics, equilibrium, thermodynamics, acid-base chemistry, electrochemistry, and organic chemistry. More advanced inquiry-based labs will be conducted. Lab techniques that will be taught include spectrophotometry, chromatography, and titrations.

The curriculum closely follows that of the Advanced Placement (AP) examination. Student may opt to take this exam for college credit.

315 Anatomy/Physiology- Honors

1.0 Credit

2 Semesters



Grades: 11, 12

Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcripted Credit: Students who demonstrate a stated proficiency may receive transcripted credit at Western Technical College.

Prerequisite – Successful completion of Biology (301) and Chemistry (317) or taking Chemistry (317) concurrently and Teacher Approval.

This course is geared toward college bound juniors and seniors who are interested in the health care field. It combines anatomy, the study of the structure of the body and its parts, along with physiology, the study of the functions of these parts. Students will explore the anatomy and physiology of the 12 organ systems of the human body, while emphasizing the relationship between structure and function at all levels of organization in the human body.

319 Physics

1.0 Credit

2 Semesters

Grades: 10,11,12



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite - Successful completion of Biology and Geometry.

It is recommended that students take Physics before taking AP Physics 1.

Physics explains the natural phenomena in the world around us. After taking this course, you will be able to understand and explain natural occurrences in our everyday experiences. From “why is the sky blue?” to the physical laws that govern motion and collisions, physics will provide answers for many common (and some uncommon) questions. Topics include motion (displacement, velocity, & acceleration), gravity, Newton’s Laws, forces, projectile motion, momentum and impulse energy, heat, sound, light, and many additional concepts. Physics is a great course for any student with curiosity about how and why things work, and it will build students’ problem-solving skills.

321 AP Physics 1

1.0 Credit

2 Semesters

Grades: 11,12, OR Teacher Approval



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite – Successful completion of Algebra 2. If a student has not yet taken and passed Physics, then teacher recommendation is needed to take AP Physics 1.

AP Physics 1 is a college prep physics course based on the 1st semester algebra-based college physics course. Student should check the guidelines of their potential college, university, or technical school to see what credits might be covered by passing the AP Physics 1 test. AP Physics 1 allows students to develop a deeper understanding of physics concepts with a focus on applying knowledge through inquiry labs. Concepts covered in this class include motion, forces, work, energy, power, momentum, rotational dynamics, simple harmonic motion, and fluids. Concepts and lab work are emphasized. The curriculum closely follows that of the Advanced Placement (AP) examination. Student may opt to take this exam for college credit.

325 Earth & Space Science

1.0 Credit

2 Semesters

Grades: 10,11,12

Prerequisite – Successful completion of Biology (301)

Earth and Space Science is a year-long course with one semester focusing on solar systems, stars, galaxies, and celestial environment. The other semester focuses on the study of Earth’s lithosphere, atmosphere, hydrosphere. Students enrolled in this course analyze and describe Earth’s interconnected systems and how they are changing due to natural processes and human influence.

416 Veterinary Science

.50 Credit

1 Semester

Grades: 11,12

Prerequisite: Small Animals and Animal Nutrition or Teacher Approval.

This course is designed for the animal lover pursuing a career working with animals. Veterinary Science will be highly lab oriented with many hands-on application skills. Students will experience animal handling and restraint, preventative care and safety, parasitology identification, basic diagnosis, animal behavior, techniques to develop client relations and animal science career exploration. Seven body systems will be experienced in detail. This course will enhance current science knowledge and apply it to situations found in the world of veterinary science and medicine. *Students can earn Tomah High School elective credit or science equivalency credit, accepted by the University of Wisconsin system.*

427 Biotechnology in Agri Science

.50 Credit

1 Semester

Grades: 11,12

Prerequisite: Biology

This course is designed to introduce students to the biotechnology revolution. Students will gain an understanding of animal genetics, including genotyping and phenotyping and biotechnology to improve animal health, plant tissue cultures, GMO activities, related biotechnology careers and biotechnology’s relationship to enzymes and food processing. In addition, students will explore immunology, reproductive biotechnology, and biotechnology ethics. This course is designed for students who wish to broaden their Agri science background with experience in “real life” situations. *Students can earn Tomah High School elective credit or science equivalency credit, accepted by the University of Wisconsin system.*

584 PLTW Digital Electronics

1.0 Credit

2 Semesters



Grades: 11,12

Laude Points: THS Laude points will be awarded for successful completion of this course.

Dual Credit: Students who pass this course may be eligible for college credit through some UW Colleges *Prerequisite* – Algebra 2 or concurrently enrolled in Algebra 2 and TA.

Digital electronics is the foundation of all modern electronic devices such as cell phones, laptops, tablets, digital cameras, and high-definition TVs. The major focus of the Digital Electronics course is to expose students to the process of combinational and sequential logic design, teamwork, communication methods, engineering standards and technical documentation. Students who pass this course will receive Tomah High School science

Social Studies Courses								
ID#	Course	Credit	Recommended Grade Level				Laude 	Transcribed Credit
			9	10	11	12		
201	World History	1.0	X					
203	World History Honors	1.0	X					
205	U.S. History 1 (Exploration to 1865)	.50		X				
207	U.S. History 1 (Exploration to 1865) Honors	.50		X				Western Technical College
209	U.S. History 2 (1865 to present)	1.0			X	X		
211	U.S. History 2 (1865 to present) Honors	1.0			X	X		
215	Civics <i>This course would be for any student who has not taken Econ/Civics)</i>	.50		X	X	X		
216	Economics	.50			X	X		
217	AP Macroeconomics	1.0			X	X		
224	Minority Studies/Social Issues	.50			X	X		
225	Recent American History	.50			X	X		
229	Psychology	.50			X	X		
231	AP Psychology	1.0			X	X		
233	AP Human Geography	1.0			X	X		

201 World History

1.0 Credit **2 Semesters** **Grades: 9**

Recommended for freshmen

Required for graduation

This course provides in-depth coverage of the development of civilization and exploration of the classic cultures of Western and Eastern civilizations. Beginning with the river valley civilization, students will be exposed to the value systems and contributions of the classic cultures and will search for connections to these cultures that affect our lives today.

203 World History-Honors

1.0 Credit **2 Semesters** **Grade: 9** 

Laude Points: THS Laude points will be awarded for successful completion of this course.

Fulfills the requirement for graduation as a replacement for World History (201).

Prerequisite: B (83%) or better in 8th grade social studies.

NOTE: This is a writing emphasis course. A writing emphasis course includes two types of writing, formal and informal.

This Honors course provides comprehensive in-depth coverage of ancient and medieval cultures of the west and east. Students learn that individuals and groups of people have shaped their heritage as members of common humanity. Portions of the curriculum may be compacted when students demonstrate prior mastery. Greater opportunities for independent work, creative and critical thinking, and enrichment will be offered. Strong writing skills are highly recommended. Students who enroll in this honors class should have a strong interest in social studies.

205 U.S. History 1 (Exploration to 1865)

.50 Credit

1 Semester

Grade: 10

Recommended for sophomores

Required for graduation

This course will sequentially cover the history of the United States from its European beginnings to the end of the Civil War in 1865. The course will focus on our early colonial beginnings, the American Revolution, the constitution, democracy as defined by the Jefferson and Jackson eras, and western development leading up to the clash of North and South in the first truly modern war. Students will investigate various documents and, through analysis, inquiry, critical thinking, and a variety of outside projects, begin a more in-depth study of their heritage.

207 U.S. History 1 (Exploration to 1865)-Honors

.50 Credit

1 Semester

Grade: 10



Western Technical
College

Laude Points: THS Laude points will be awarded for successful completion of this course.

Transcribed Credit: Students who demonstrate a stated proficiency may receive transcribed credit at Western Technical College.

Fulfills the requirements for graduation as a replacement for U.S. History I (207).

Prerequisite – B (83%) or better in World History – Honors (203) or B (83%) or better in World History (201) and teacher recommendation.

NOTE: This is a writing emphasis course. A writing emphasis course includes two types of writing, formal and informal.

U.S. History I – Honors is designed to challenge the serious history student who is interested in and excels in the social studies field. Students will sequentially study the United States from its European beginnings to the end of the Civil War in 1865 at an accelerated pace and in greater depth. The course will focus on our early colonial beginnings, the American Revolution, the United States Constitution, democracy as defined by the Jefferson and Jackson eras, and western development leading up to the clash of the North and South in the first truly modern war. Emphasis will be placed on critical thinking, discussion, essay writing and active participation. Additional reading and outside projects will be required. Individual student projects may include but are not limited to civil war project and outside reading analysis.

209 U.S. History 2 (1865-Present)

1.0 Credit

2 Semesters

Grades: 11,12

Required for graduation

This course will sequentially cover the period of our history from reconstruction to the present. Its focus will be on the changes represented in selected eras and the various problems and solutions consistent with patriotism and good citizenship. Emphasis will be placed on critical thinking, writing, and participation.

211 U.S. History 2 (1865- Present)-Honors

1.0 Credit

2 Semesters

Grades: 11,12



Laude Points: THS Laude points will be awarded for successful completion of this course.

Fulfills the requirement for graduation as replacement for U.S. History II (209).

Prerequisite – B (83%) or better in U.S. History I – Honors or B (83%) or better in U.S. History (207) and teacher recommendation

NOTE: This is a writing emphasis course. A writing emphasis course includes two types of writing, formal and informal.

This U.S. History II Honors course is designed to challenge the serious history student who is interested in and excels in the social studies field. Students will sequentially move through U.S. history from Reconstruction to the present at an accelerated pace. Emphasis will be placed on critical thinking, essay writing, and participation. Additional reading, primary source analysis, outside projects and participation will be required. Individual student projects may include but are not limited to: Voice of Democracy Speech, American Portrait Interview, media analysis and a personal interest project with formal paper.

215 Civics

.50 Credit

1 Semester

Grades: 10,11,12

Required for graduation

NOTE: Effective with the Class of 2017 all graduating students are required to take and pass a Civics test, scoring 65 of 100 questions.

This course will investigate how the U.S. Constitution establishes the American system of government. Emphasis will be placed on reviewing the basic principles of political science and analyzing how government impacts students' daily lives and American institutions. This class will prepare students to better understand the American political arena at the local, state, and federal levels, and help them make the hard decisions they will face as voters by placing further emphasis on the skills and concepts necessary for effective citizenship. **Students will also review the criminal and civil legal procedures.** This course will have a writing emphasis, include class discussions and civic engagement expectations.

216 Economics

.50 Credit

1 Semester

Grades: 11,12

This course is designed to be an introduction into the fields of micro and macroeconomics. Principles of Microeconomics and Macroeconomics will be covered. Students will be asked to discuss, write, and use critical thinking skills to determine the impact of economic factors on the political, social, and economic portions of society.

217 AP Macroeconomics

1.0 Credit

2 Semesters

Grades: 11, 12, OR Teacher Approval

Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite - Teacher Recommendation

Fulfills the requirement for graduation as a replacement for Civics (225) & Financial Literacy.

NOTE: Effective with the Class of 2017 all graduating students are required to take and pass a Civics test, scoring 60 of 100 questions.

This course is designed for students wishing to take college level economics. Principles of Macroeconomics (problems of resource allocation, demand and supply, national income, employment and price levels, fiscal and monetary policy, operation of the banking system, and elements of international trade) will be covered. A college textbook and the Advanced Placement Instructional Packet will be used. Not only will students develop a better understanding of the American political and economic arena, but they will also have an opportunity to develop their own views on issues facing voters the local, state, and federal levels. Money–management concepts will be emphasized.

The curriculum follows very closely that of the Advanced Placement (AP) examination. Students may opt to take this exam for possible college credit.

224 Minority Studies/ Social Issues

.50 Credit

1 Semester

Grades: 11,12

This course is designed to study the relationships between the groups and cultures within a society. Social Issues deals with the organization of societies and their key components. The course will focus on the dynamics of prejudice and discrimination and their impact on our society. Emphasis will be placed on understanding and identifying the characteristics of minority groups in America, specifically African American, Native American, Asian American, Hispanics, and women and understanding of their cultures and social histories. The course is ideal for students who enjoy informed debates and introspection. It is a valuable course for students planning careers in business, health care or education.

225 Recent American History

.50 Credit

1 Semester

Grades: 11,12

Prerequisite–Successful completion of U.S. History I

NOTE: This is a writing emphasis course. A writing emphasis course includes two types of writing, formal and informal.

Recent American History is a post-secondary preparation class that will focus on how world and U.S. history events of the latter half of the 21st century affected the domestic and foreign policies of the United States. The class will highlight major events beginning in the late 1960s and end in modern times. Topics include but are not limited to (Presidential decisions and actions, global conflicts, military actions, terrorism, technology explosions, and major societal events (mass shootings, black lives matter, etc.) Emphasis will be placed on, but not limited to the continuing development of deeper evaluative, analytical, and critical thinking skills. Students will be expected to use primary documents, read, and interpret charts, graphs, and maps, and participate in class discussions, debates, essay writing, outside readings, and presentation at the discretion of the teacher.

229 Psychology

.50 Credit

1 Semester

Grades: 11,12

The purpose of a survey, introductory course in Psychology is to introduce students to the systematic and scientific study of human behavior and mental processes of human beings. This semester course is a brief introduction (AP Psychology can earn college credit and is a yearlong) to the large and growing field of psychology looking at both inherited and environmental influences upon behavior. This knowledge should help the student better understand the world and their own problems.

231 AP Psychology

1.0 Credit

2 Semesters Grades:11, 12, OR Teacher Approval



Laude Points: THS Laude points will be awarded for successful completion of this course.

The purpose of the Advanced Placement course in Psychology is to introduce students to the systematic and scientific study of behavior and mental processes of human beings and animals. Students are exposed to the psychological facts, principals, and phenomena associated with the major subfields within psychology. They also learn about the methods psychologists use in their science and practice.

This course is designed to help the student discover the impact of various inherited and environmental influences upon human behavior. This knowledge should help the student cope more effectively with his/her own problems and better understand the behavior reactions of his/her fellow man. The curriculum follows very closely that of the Advanced Placement (AP) examination. Students may opt to take this exam for possible college credit.

233 AP Human Geography

1.0 Credit

2 Semesters Grades: 11, 12 OR Teacher Approval



Prerequisite: Student agrees to complete summer readings/assignments

Laude Points: THS Laude points will be awarded for successful completion of this course.

This course will introduce students to the systematic study of patterns and processes that have shaped human understanding, use and alterations of the Earth's surface. Students will be looking at different cultural phenomenon such as language, religion, government, and economic systems to make connections between different cultures and how they interact with one another. By examining maps and other geographical tools, students will examine correlations between the physical and human world and the interactions that have shaped our planet and human life. The course is designed to increase the students' understanding of the world and develop their critical thinking skills. The curriculum follows very closely that of the Advanced Placement AP examination. Student may opt to take this exam for possible college credit.

Special Education

Special Education

The Special Education Program in the Tomah Area School District offers services in two main areas: instructional and support services. Instruction services include a complete offering of all Special Education Program disability areas, including Early Childhood, Specific Learning Disabilities, Emotional Behavioral Disabilities, Cognitive Disabilities, Hearing Impairment, Visual Impairment and Speech and Language impairments. Program support services may include School Psychology, Social Work, Physical Therapy, Occupational Therapy, Nursing and Specially Designed Physical Education

The Department meets the educational needs of all disabled students ages 3-21, who reside within the Tomah Area School District

Students who are placed in the Special Education Programs have been referred by teachers, administrators, parents or concerned adults. After referrals are made and parental permission secured, evaluation by members of an Individual Education Program (IEP) Team takes place. If it is the determination of this team that special educational needs do exist, an Individual Educational Program is developed. The program will include courses in the general curriculum whenever possible.

SCHEDULING

Individual schedules are developed relative to a student's IEP goals and objectives. Parents that would like more detailed information about schedules should contact their student's case manager.

World Languages								
ID#	Course	Credit	Recommended Grade Level				Laude 	Transcripted Credit
			9	10	11	12		
361	German 1	1.0	X	X	X	X		
363	German 2	1.0	X	X	X	X		
365	German 3 – Honors	1.0		X	X	X		
367	German 4 – Honors	1.0			X	X		
369	German 5 – Honors	1.0				X		
371	Spanish 1	1.0	X	X	X	X		
373	Spanish 2	1.0	X	X	X	X		
375	Spanish 3 – Honors	1.0		X	X	X		
377	Spanish 4 – Honors	1.0			X	X		
379	Spanish 5 – Honors	1.0				X		
380	Hoocak 1 (HoChunk)	1.0	X	X	X	X		
381	Hoocak 2 (HoChunk)	1.0		X	X	X		
382	Hoocak 3 (HoChunk) – Honors	1.0			X	X		
383	Hoocak 4 (HoChunk)	1.0				X		

361 German 1

1.0 Credit **2 Semesters** **Grades: 9,10,11,12**

Prerequisite – C (73%) or better in regular English.

This is an introductory course to the German language and culture of German speaking countries. Students will focus on topics including themselves, holidays and celebrations, family, home, school, and the weather. Emphasis will be placed on listening, speaking, reading, and writing in the German language.

363 German 2

1.0 Credit **2 Semesters** **Grades: 9,10,11,12**

Prerequisite – C (73%) or better in German I

German II expands upon the topics, concepts, and grammar of German I and then explores the topics of health, clothing, travel, and food. In addition, listening, speaking, reading, and writing skills will be emphasized.

365 German 3- Honors

1.0 Credit **2 Semesters** **Grades: 10,11,12** 

Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite – C (73%) or better in German II

German III focuses on expanding the concepts and grammar of German II. Topics students will explore include fairy tales, restaurants, and occupations. A variety of German poems, essays, songs, and short stories will be incorporated. In addition, listening, speaking, reading, and writing skills will be emphasized.

367 German 4- Honors

1.0 Credit **2 Semesters** **Grades: 11,12** 

Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite – C (73%) or better in German III

German IV deals with all concepts and will review all grammar from German I-III. Topics discussed will include be the environment, fashion, future, and restaurant. German literature, short stories, poems, creative writing, and audiovisual materials will be implemented.

369 German 5-Honors

1.0 Credit

2 Semesters

Grade:12



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite – C (73%) or better in German IV

German V focuses on expanding the concepts of German IV. It stresses conversation and oral work to study vocabulary, syntax, and grammar. Topics will include German history, traveling throughout Germany, relationships, and current events. German V will also utilize literature, short stories, and creative writing.

371 Spanish 1

1.0 Credit

2 Semesters

Grades: 9,10,11,12

Prerequisite – C (73%) or better in regular English.

This is an introductory course that includes basic introductions, describing oneself and friends, likes and dislikes, food, emotions, clothes, and family. In each unit, cultural aspects are discussed, and activities abound (becoming weather forecasters, a fashion show, siesta, a typical day in school, etc.). There is a lot of movement and songs in the classroom.

373 Spanish 2

1.0 Credit

2 Semesters

Grades: 9,10,11,12

Prerequisite – C (73%) or better in Spanish I

Throughout this year of Spanish II we will be focusing on reviewing and expanding existing vocabulary in the target language, as well as studying key components of the language, such as the past tense. In addition to the language, some of the cultural aspects that we will study include: Day of the Dead, sports from Latin America, and Spanish cities. We will also do a variety of projects such as writing short stories and presenting about our daily routines. Throughout the year, we will also be analyzing poetry and listening to Spanish music.

375 Spanish 3- Honors

1.0 Credit

2 Semesters

Grades: 10,11,12



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite – C (73%) or better in Spanish II

Spanish III reviews a lot of Spanish II, but at a faster pace. Some new grammar aspects are the future tense, the conditional tense, compound tenses and the subjunctive. Speaking and writing activities are emphasized and practiced throughout the year. Cultural activities include making “ofrendas” and becoming an Inca for a day.

377 Spanish 4- Honors

1.0 Credit

2 Semesters

Grades: 11,12



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite – C (73%) or better in Spanish III

Spanish IV will focus on developing our conversational skills and culture and history behind Spanish speaking countries. We will review a variety of grammar concepts, but mostly be centered around cultural units, including Bullfighting, Spanish Conquerors, Aztecs, and poets. Throughout the year, we will be practicing our improvisational Spanish through several different activities designed to practice important skills in the language. We will read short stories, listen to music, and analyze poetry.

379 Spanish 5- Honors

1.0 Credit

2 Semesters

Grades: 12



Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite – C (73%) or better in Spanish IV

We will be focusing on honing our Spanish skills throughout the year. Few new grammatical concepts will be introduced, most of them will be review. Our conversation days and activities will increase in frequency. We will also be practicing our writing abilities by presenting Current Events in the Spanish –speaking world regularly. Our projects will take on a much more open format, from planning trips abroad, to video projects interpreting short stories we have read. We will continue to expand our vocabulary in the language and knowledge of culture, specifically through a Spanish Artwork unit.

380 Hoocak 1 (HoChunk)

1.0 Credit **2 Semesters** **Grades: 9,10,11,12**

Prerequisite – C (73%) or better in English or Teacher Approval

Hoocak I (HoChunk) will give you essential tools that will assist you in learning the Hoocak language. Learners will be introduced to the core structural elements of the language and gradually build up a working vocabulary for everyday conversations. Learners will accomplish this through various projects promoting vocabulary building, classroom activities that promote listening and repeating. The Hoocak language instructor will illustrate or model the language with the assistance of a Hoocak first language speaker. By the end of Hoocak I students will be at the Novice-Mid Proficiency level according to the American Council of Teaching of Foreign Languages (ACTFL). The Hoocak language course is open to all students.

381 Hoocak 2 (HoChunk)

1.0 Credit **2 Semesters** **Grades: 9,10,11,12**

Prerequisite – C (73%) or better in Hoocak I

Hoocak II (HoChunk) will provide opportunities to further develop proficiency in listening, speaking, reading, and writing. Emphasis is placed on expanding accuracy in vocabulary, promoting proper usage and pronunciation by creating scenarios simulating real life situations for the language learners. Learners will also be exposed to lectures, will engage in speech with peers and reinforce what they have learned in various projects. Spelling, sentence structure and broadening knowledge of cultural understanding. Classes are conducted in the language as much as possible. By the end of Hoocak II students will be performing at the Novice High level according to the ACTFL standards.

382 Hoocak 3 (HoChunk)- Honors

1.0 Credit **2 Semesters** **Grades: 11,12**



Dual Credit: Students who pass this course may be eligible for college credit through University of Wisconsin La Crosse.

Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite – C (73%) or better in Hoocak II

Hoocak III learners will further expand vocabulary as they begin to create their own sentences and expressions in the language. This class stresses conversation skills and oral proficiency while continuing to use learned vocabulary in unrehearsed situations. Students use their language skills actively through performing skits and role plays, writing stories, translating stories, and applying language skills through the use of modern technology.

By the end of Hoocak III students will be studying at the Intermediate Low level of the ACTFL Proficiency Guidelines

383 Hoocak 4 (HoChunk)- Honors

1.0 Credit **2 Semesters** **Grades: 12**



Dual Credit: Students who pass this course may be eligible for college credit through University of Wisconsin La Crosse.

Laude Points: THS Laude points will be awarded for successful completion of this course.

Prerequisite - C (73%) or better in Hoocak III

Hoocak IV learners will provide opportunities to further develop proficiency in listening, speaking, reading and writing. Emphasis is placed on expanding accuracy in vocabulary, promoting proper usage and pronunciation by creating scenarios simulating real life situations for the language learners. This class focuses on linguistic functions such as asking and responding to questions, engaging in more complex conversations, and providing detailed descriptions while in unrehearsed situations. Learners will be exposed to Ho-Chunk cultural products, perspectives and practices and how each of those areas influences the other. Some units that will be expanded on include Traveling, People & Social, Daily Life, and Environmental issues. By the end of Hoocak IV students will be emerging into the Intermediate Low level of the Ho-Chunk Nation Language & Culture Committee approved Hoocak Language Standards and Benchmarks. This course is open to all students successfully passing Hoocak I, II, and III or an approved modified oral proficiency interview by the Hoocak Waazijja Haci Language Division.

Global Education Achievement Certificate

The Global Education Achievement Certificate (GEAC) is designed as a four-year cross curriculum certificate that



recognizes students who strive towards global competency. The student will need to complete 8 credits throughout their high school career that focus on world languages and courses that explore global concepts. In addition, the student will broaden their global perspective with outside work that includes reading books and viewing other media forms and writing reflections. The student will deepen their global experience by being a member of International Club and participating in a school approved exchange or immersion experience. The student will culminate their experience with a community service project that focuses on a global issue or is connected to a global community.

Upon completion of this prestigious certificate the student will have developed leadership qualities and have substantial personal growth. They will have a better understanding of the world and its interconnectedness. They will differentiate themselves for college and scholarship opportunities and have the opportunity to explore careers with global implications. The student's transcript will note completion of the certificate and they will be entitled to "Global" cords at graduation.

A. Required Coursework (8 credits required grade of B or better)

➤ Four consecutive years of a world language (4 credits)

➤ 4 credits from the following

- World History (1 credit)
- World Cuisines (.5 credit)
- 1 year of a second world language(1 credit)
- AP Economics (1 credit)
- Marketing (.5 credit)
- World Geography (.5 credit)
- Folk Art (.5 credit)
- AP English Lit & Comp (Gr 11) (1 credit)
- Jr English Classical/World Lit (1 credit)
- Sr. English Multi Cultural Lit (1 credit)
- AP English Lang & Comp (Gr 12) (1 credit)

B. Independent Reviews / Reflections

1. The student must read one book a year for a total of four (fiction or non-fiction from a pre-approved list) and write a reflection (essay) on how the book broadened their understanding of the world. The book is in addition to regular classwork, no double dipping.
2. The student must view one other international / cultural media for a total of four, including but not limited to print, film or theater and write a reflection (essay) on how this work broadened their understanding of the world. This must be in addition to regular classwork, no double dipping.

C. School Sponsored Activities

- a. Must be active in International Club all four years
- b. (Must fulfill **ONE** of the following requirements)
 1. Be an officer for International Club for two years
 2. Participation in the Tomah – Eschborn Exchange
 3. Participation in the Spanish immersion trip
 4. Host an international student for a semester or year
 5. Pre-Approved Language Immersion (i.e. Concordia)
 6. Be a foreign exchange student for a semester or year (i.e. Rotary Exchange)

D. Community Service

1. The student will complete 20 hours of work connected to a global community or to a global issue. This must be pre-approved and documented.

Youth Apprenticeship/School-to-Work

The School-to-Work program provides students with a system of opportunities to help them make the transition from education to employment and/or post-secondary education.

All work experiences are run through the Youth Apprenticeship (YA) program through the Department of Workforce Development. All Youth Apprenticeships must have 450 work hours per year. Work hours can occur during the school day-based cohesiveness between school and work, but not required. Work hours after school count toward the requirement. All YA's must have .50 high school credit each semester of related instruction and complete the pathways skill stand check list.

790 Youth Apprenticeship Programs

Grades: 11,12

Youth Apprenticeships are unique opportunities for juniors and seniors to start preparing for a career while still in high school. These are one- and two-year programs combining academic education, occupational instruction, and work-based learning with an employer. Education, learning, and thinking are more relevant to the world of work when students have broader, on-the-job work experiences combined with classroom instruction.

The student must fill out an application form for the work experience program. Criteria for Youth Apprenticeship is the same as School to Work criteria, see above.

Students will:

- increase their career options and future employability
- strengthen their academic skills
- earn wages while learning from skilled professionals
- receive classroom and on-the-job instruction
- test a potential career in the workplace
- see firsthand the connection between education and real-life work skills
- receive advanced standing credits at Western Wisconsin Technical College
- earn a Certificate of Occupational Proficiency from the Department of Work Force Development

Available Youth Apprenticeship Programs:

- Agriculture: Animal, Plant
- Architecture and Construction: Drafting, Carpentry, Electrical, Heavy Equipment, Concrete, Plumbing, HVAC
- Arts, Audio Visual Tech, and Communications: Graphic Design, Media Broadcasting
- Business Administration: Admin Professional, Human Resources
- Education: Early Childhood Education, School Age Education
- Finance: Banking, Accounting, Insurance
- Government: Project Administration
- Health Science: Dental, Dietary, Medical Assistant, Medical Office, Nursing, Optical, Pharmacy, Phlebotomist, Physical Therapy, Resident Aide
- Hospitality: Food and Beverage, Lodging, Meeting and Events
- Human Services: Barber and Cosmetology
- Information Technology: IT Technician, IT Essentials, IT Network, IT Software and App Development
- Law and Corrections: Fire Protection, Law Enforcement
- Manufacturing: Assembly and Packaging, Machining, Production Operations, Welding
- Marketing: Marketing Management, Professional Sales
- STEM: Civil Engineering, Engineering Drafting, Mechanical
- Transportation: Auto Technician, Aviation, Collision Repair, Diesel Technician, Distributions and Transportation Operations, Inventory Management, Planning and Purchasing, Storage and Warehousing, Supply Chain Assistant

761 Work Experience Programs

Max 1.0 Credit PER Semester

1-2 Semesters

Grades: 11,12

Students may have the opportunity to participate in a work experience their junior and/or senior year provided they have successfully completed high school courses in their work experience area, are concurrently enrolled in and passing courses in their work experience area, and have a desire to pursue a career in the area.

Registration Deadlines:

First semester deadline is the date of mid-quarter in the first quarter

Second semester deadline is the date of mid-quarter in the third quarter

Criteria for Work Experience Programs

The student:

1. Has discussed his/her career plans/options with a school counselor, YA Coordinator, and content-area teacher
2. Must have good attendance records at high school level.
3. Is "on track" for graduation.
4. Must be enrolled in 1 credit worth of related instruction.
5. The student must fill out an application form for the work experience program. An application form may be obtained from the YA Coordinator. The student must take pre-requisite courses in area of work experience, required courses consecutively in first year and/or second year of work experience, and complete the skill standards checklist based on your chosen pathway.

The student's completed application for a work/learning experience program will be processed as soon as possible. However, some work/learning situations take a considerable amount of time to set up. Students will be expected to interview before being accepted for employment. Not all students will be accepted into a work/learning experience program. Openings are limited and competitive based on job availability in the community and space available. Other considerations include quantity and quality of relevant course work taken by the student, attendance record, GPA, and teacher recommendation. Please see criteria above.

School to Work Pre-requisites:

762	Agriculture: Animal (Small Animals or Animal Nutrition),
763	Plant (Horticulture)
784	Architecture and Construction: Intro to Woods or Arch Drawing
768	Arts, Audio Visual Tech, and Communications: Intro to Art
769	Business Administration: Open for discussion
770	Education: Infant and Toddler
765	Finance: Accounting or Personal Finance
777	Government: Open for discussion, JROTC would be a great option
775	Health Science: Nursing Assistant and earn CNA or Advanced Health
771	Hospitality: Foods for Life
806	Human Services: Open for discussion
766	Information Technology: Computer Apps for Business
778	Law and Corrections: Open for discussion, JROTC would be a great option
780	Manufacturing: Welding or Machine Shop
779	Marketing: Marketing
795	STEM: PLTW Principles of Engineering and PLTW Intro to Engineering and Design
782	Transportation: Small Engines

School to Work Requirements for concurrent courses in first year of school to work:

762	Agriculture: Animal (Small Animals or Animal Nutrition)
763	Plant (Horticulture)
784	Architecture and Construction: Intro to Woods or Arch Drawing
768	Arts, Audio Visual Tech, and Communications: Intro to Art
769	Business Administration: Open for discussion
770	Education: Infant and Toddler
765	Finance: Accounting or Personal Finance
777	Government: Open for discussion, JROTC would be a great option
775	Health Science: Nursing Assistant and earn CNA or Advanced Health
771	Hospitality: Foods for Life
806	Human Services: Open for discussion
766	Information Technology: Computer Apps for Business
778	Law and Corrections: Open for discussion, JROTC would be a great option
780	Manufacturing: Welding or Machine Shop
779	Marketing: Marketing
795	STEM: PLTW Principles of Engineering and PLTW Intro to Engineering and Design
782	Transportation: Small Engines

Questions regarding Youth Apprenticeship/School to Work should be directed to:

Dawn Pierce- CTE Coordinator
608-374-7985
dawnpierce@tomah.education

Independent Study

717 Independent Study

.50 credit 1 Semester

Grades: 11, 12

Independent studies may be taken by students who have completed all courses offered in a particular field and who wish to continue in-depth study or by students who have documented needs/ interests that call for specialized accommodations/ programming. An application must be completed in advance. **The deadline for Independent Study applications is three weeks prior to the start of the semester in which the course will be held.** Applications may be obtained in the Counseling Office. Students will be required to do a PowerPoint presentation to the Independent Study committee OR complete a final exam as supplied by the Independent Study teacher. See your counselor for more information.

Early College Credit Program & Start College Now

The Start College Now Program and Early College Credit Program are designed to provide more rigorous coursework for students with the aptitude and motivation to pursue advanced studies. It is important to remember that because these are college courses offered through the technical or university educational systems, the grades and credits become part of a student's college transcript. Failing a course could potentially have a negative impact on a student's acceptance into a post-secondary school and/or the student's college grade point average (GPA). The ECCP and Start College Now Program have different guidelines, which are outlined below.

731 The Early College Credit Program- ECCP- UW/ Private 2-4 Year System

What is the ECCP? ECCP is a program for high school students to take college courses and earn college credit. A student selected for the program may be permitted to enroll in a UW System institution, or an alternative, private, non-profit Institution of Higher Education (IHE) to take one or more courses for which the student may earn high school credit, post-secondary credit, or both.

Eligibility & Considerations

- a. Students in grades 9-12 are eligible for ECCP.
- b. Students will be considered for ECCP enrollment based on the following items:
- c. The student has exhausted (completed) all possible courses offered by Tomah High School whose content (area of study) would be reasonably and logically associated with that of the course(s) being sought via ECCP.
- d. The student has expressed sincere interest in a course or field of study, and there is documentation or information included in the student's Academic & Career Plan indicating this.
- e. Other options or plans for the student to receive an educational experience in his/her desired area have been discussed and exhausted.

Semesters for ECCP

1. Fall, Spring, & Summer

Credit Earned

- a. The Tomah High School College Credit Policy mandates that students pursuing the ECCP will receive both college and high school credit. This means that any grade and credit earned through the IHE will be transferred to the student's high school transcript, which factors into cumulative GPA, and can/will impact eligibility for any academic and scholarship awards. This transfer of credit to students' transcripts will be at a uniform rate of one quarter (.25) high school credit to everyone (1.0) post-secondary credit earned. Note: some SCN/ECCP courses carry credit totals of 1, 2, 3, 4 and 5.
- b. The maximum number of college (not high school) credits a Tomah High School student can earn through ECCP is 18. This does not include (i.e. is not limited by) post-secondary credits that may be earned from Advanced Placement (AP) courses or Dual Credit courses offered at Tomah High School, nor does it include postsecondary credits earned via Start College Now (SCN).

Tuition

- a. The school district pays 75% of the tuition, while the state of Wisconsin pays 25%.
- b. The ECCP mandates that a student's family cannot be charged for any portion of the allowable tuition amount if the student is earning high school credit as a result of enrolling in the course, even if the student earns both high school and postsecondary credit. Neither the IHE nor the school district may charge a student any additional costs or fees. Due to students receiving both high school and college credit through ECCP, students and their families will not be charged for tuition.
- c. If students receive any information for bill payment, please contact the school counseling office.
- d. **A student/family will be responsible for reimbursing the TASD the cost of tuition, books, fees, etc.... for receiving a failing grade in a course; and/or for dropping a class with a pro-rated tuition fee reimbursement.**

Deadlines and Forms	Summer	Fall	Spring
Student Deadline to Submit ECCP Form to the High School	March 1	March 1	October 1
School Districts Approve or Deny the ECCP Request	May 15	May 15	November 15
ECCP Form, Transcripts, & Application Due to IHE	June 1	June 1	December 1

Forms <https://uwhelp.wisconsin.edu/prep-for-college/credits/high-school-specialstudent-options/>

732 Start College Now (Western Technical College)

What is Start College Now?

- a. Start College Now (SCN) is designed to offer courses the high school does not have or cannot offer to a student who wants to go above and beyond in a subject area.

Eligibility & Considerations:

- a. Students in grades 11-12 are eligible to enroll.
- b. Student must be in "good academic standing" (determined by Tomah High School).
- c. Students have an acceptable disciplinary record (determined by Tomah High School).
- d. Students will be considered for SCN enrollment based on the following items:
 - i. The student has completed all possible courses offered by Tomah High School whose content (area of study) would be reasonably and logically associated with that of the course(s) being sought via SCN.
 - ii. The student has expressed sincere interest in a course or field of study, and there is documentation or information included in the student's Academic & Career Plan indicating this.
 - iii. Other options or plans for the student to receive an educational experience in his/her desired area have been discussed and exhausted.

Semesters for SCN

Fall & Spring (academic year only)

Credit Earned

- a. The Tomah High School College Credit Policy mandates that students pursuing SCN will receive both college and high school credit. This means that any grade and credit earned through the IHE will be transferred to the student's high school transcript, which factors into cumulative GPA, and can/will impact eligibility for any academic and scholarship awards. This transfer of college credit to students' Tomah High School transcript will be at a uniform rate of 1-2 credit courses earn .25 credit, 3-4 credit courses earn .50 credit and 5-6 credit courses earn 1.0 credit.
- b. The maximum number of college (not high school) credits a Tomah High School student can earn through SCN is 18. This does not include (i.e. is not limited by) post-secondary credits that may be earned from Advanced Placement (AP) courses or Dual Credit courses offered at Tomah High School, nor does it include postsecondary credits earned through ECCP.

Tuition

- a. The school district will pay the technical college for tuition, course fees, and books for approved courses.
- b. If students receive any information for bill payment, please contact the school counseling office.
- c. A student/family will be responsible for reimbursing the TASD the cost of tuition, books, fees, etc.... for receiving a failing grade in a course; and/or for dropping a class with a pro-rated tuition fee reimbursement.**

Deadlines	Fall	Spring
Student Deadline to Submit SCN Form to the High School	March 1	October 1

Forms [https://mywtcs.wtcsystem.edu/student-success/career-prep/new-start-college-now-\(formerly-youth-options\)](https://mywtcs.wtcsystem.edu/student-success/career-prep/new-start-college-now-(formerly-youth-options))

"The Start College Now Program and Early College Credit Program are designed to provide more rigorous coursework for students with the aptitude and motivation to pursue advanced coursework. It is important to remember that because these are college courses offered through the technical or university educational systems, the grades and credits become part of a student's college transcript. Failing a course could have a negative impact on a student's acceptance into a post-secondary school and the ability to obtain financial aid."

Advanced Placement Testing

Students can earn college credit in high school if they register and pay a fee to take advanced placement exams in courses labeled AP Biology, Chemistry, Calculus, English, Macroeconomics, Physics, Psychology, Statistics, Studio Art 2-D Design, Studio Art 3-D Design or Studio Art Drawing. Scores of 1 to 5 are awarded. Most colleges and universities will award credit for a score of 3 or higher, please check with your college. AP courses are designed to help prepare you to do well on the AP exam. Testing is administered in May. See your counselor for more details.

Transcripted Credits

Several courses at the high school level will satisfy basic course requirements at Wisconsin Technical Colleges. Students who satisfactorily complete the high school courses may receive credit at the technical college. Currently the following departments have transcripted courses at Tomah High School: Agri Science Education, Business and Information Technology, Family and Consumer Education Science and Industrial Technology. For more information see your counselor or a teacher in the department.

College-Based Exam Programs

Many institutions of higher education offer exam programs which allow you to earn credit, allow basic courses to be waived, or secure your placement in high level courses. If you have done well in a subject in high school, you may wish to take one or more of these exams once you begin college. These include CLEP (College Level Examination Program) and UW-System Mathematics Placement Tests. For more information, inquire with the admissions office of your institution of higher learning.

Retro-Active Credits

Some institutions of higher education will award up to 18 college credits for course work completed in high school if the student goes on to do well in that subject. The primary area where this option is used is in the area of world languages. See your counselor or your world language teacher for more information.

Job Shadows

Job Shadows provide opportunities for students to explore different career options firsthand by "shadowing" a professional for a day. These experiences can help students gain a better appreciation for different occupations. To be eligible students must have a good attendance record, no history of behavior problems, and be "on track" for graduation. Applications must be completed in advance and may be obtained from your counselor. Absence must be approved by Assistant Principal. For more information see administration. This is a one-day experience; no credit is offered.

Transfer Credits of Pre-High School Board Policy Graduation Requirements

Seventh and eighth grade students who take algebra, German 1, or Spanish 1 at **Any School Other Than Tomah Middle School** may be allowed credit based on the stipulations stated below, provided a middle school teacher with high school certification is the instructor, as required by State law.

1. The student will take an end-of-course assessment at Tomah High School for the course in question and must earn an 80% or better.
2. The coursework will be allowed to count for regular content area academic credit if a passing grade of C or higher is earned. The grade will be recorded as a "P".
3. The grade will not be computed into the student's cumulative 9-12 grade point average.
4. The course will be listed on the student's official high school transcript.

As allowed by s. 118.33, Wisconsin Statutes, credits obtained would count toward the overall District's credit requirement, but not for the credits specified in law.

Exercise and Sport Science (Physical Education) Credit Substitution

0.0

1 Semester

Grades: 11, 12

Students taking additional courses in identified areas may be eligible for a one-time half-credit (0.50) Exercise and Sport Science credit substitution based on the following Board policy:

The board may grant, upon a student's request, permission for that student to take an additional .50 credit in English, social studies, mathematics, science, or health education towards high school graduation requirements in lieu of .50 credits in physical education based on the student's participation in an organized physical activity the Board deems appropriate for this purpose. The student's participation in such organized school activity must meet the stated requirements of the Board in terms of duration of participation and verification of same.

Students wishing to apply for this substitution must be of Junior or Senior status and submit the Physical Education Credit Substitution Application to the counseling office. Applications may be found in the counseling office OR online at [Counseling Office | Counseling Department](#)

Upward Bound

Upward Bound is a college-access program for eligible, motivated high school students with the goal of attending post-secondary education. Tomah High School students who are accepted into the Upward Bound program through UW-La Crosse are provided with free tutoring at Tomah High School, college visits, advising, and a summer program to assist students in college preparation. Students participating in the summer program can earn one high school credit from the experience. Students are eligible to participate in the Upward Bound program if neither parent has a four-year college degree or if their family meets federal income guidelines. Details are available on the Upward Bound website: www.uwlax.edu/upbound or at 608-785-8539.

Tomah Area School District Alternative Education Programs

The Tomah Area School District Crossroads, Milwaukee Street, and Excel programs provide an alternative setting for 9th-12th grade youth who have not been successful in the traditional school environment. These programs provide smaller classes, extra academic and emotional support, and high academic standards, while helping students earn a traditional high school diploma. If you are interested, please see your High School Counselor in the Counseling Office, or visit Robert Kupper Learning Center, 1310 Townline Road, Tomah WI. 54660.

900 Crossroads

Crossroads is a computer-based program that has been aligned with traditional classes at THS and is available for nontraditional learners who are struggling finding success in the general education classroom settings or who seek credit recovery. The curriculum focuses on the major academic areas of English, Mathematics, Social Studies, and Science. The goal of Crossroads is to help students earn credits needed for a high school diploma. Application for these courses is required via the THS Counselors.

1100 Personalized Learning Academy (PLA)

Through an alternative learning environment, students in PLA explore learning through innovation, creativity, and critical thinking. The THS Personalized Learning Academy incorporates field experiences, community partnerships and project-based learning to encourage students to have a voice in their learning process. Students meet required competencies delivered through a variety of workshop offerings as they critically approach situations and work to solve problems.

3000 Milwaukee Street Academy

Milwaukee Street Academy is an alternative education program that was developed to serve senior or super senior students, age 17 to 20, who are/were not successful in the traditional school setting. MSA offers students the opportunity to earn a Tomah High School Diploma in one to two semesters by utilizing the GED Option II requirements. Those requirements include completing a portfolio (which focuses on life after high school), GED testing (based on current credits earned), 380 hours of work completion, and 30 hours of community service. Students will attend the program for half the day, and work or volunteer for the other half day. The goal of the Milwaukee Street Academy is to help students successfully transition from school to work, the military, or college while earning a high school diploma. Note: Milwaukee Street Academy is part of THS but located in a different building.

2000 Excel

The Excel program will serve students age 17-20 who are not successful in the traditional school setting. Students will earn a high school diploma by completing a portfolio (which focuses on life after high school), competency-based curriculum, 380 hours of work completion, and 30 hours of community service. Students will work on a competency-based curriculum focusing on academic areas of language arts, social studies, math, science along with receiving emotional, social, and life skills instruction in an individualized, small group manner. Students will attend school half a day and be required to work or volunteer the other half of the day.

**TOMAH AREA SCHOOL DISTRICT
Public Notification of Nondiscrimination Policy**

It is the policy of the Tomah Area School District that no person may be denied admission to any public school in this district or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, extracurricular, pupil service, recreational, or other program or activity because of the person's race, color, religion, national origin, ancestry, creed, pregnancy, marital status, parental status, sexual orientation, gender (Including transgender status, change of sex or gender identity) or physical, mental, emotional, or learning disability ("Protected Classes") as required by s. 118.13, Wis. Stats. This policy also prohibits discrimination as defined by Title IX of the Education Amendments of 1972 (sex), Title VI of the Civil Rights Act of 1964 (race and national origin), and Section 504 of the Rehabilitation Act of 1973, and the ADA of 1990.

The district encourages informal resolution of complaints under this policy. A formal complaint resolution is available, however, to address allegations of violations of the policy in the Tomah Area School District.

Any questions concerning this policy should be directed to:

**Dr. Charles M. Hanson II, District Administrator
Tomah Area School District
129 West Clifton Street
Tomah, WI. 54660
(608)374-7004**

Questions concerning s. 118.13, Wis. Stats., or Title IX of the Education Amendments of 1972, which prohibits discrimination on the basis of gender, should be directed to:

**Paul Skofronick, Title IX Coordinator
Tomah Area School District
1310 Townline Road
Tomah, WI. 54660
(608) 374-7011**

Inquiries related to Section 504 of the Rehabilitation Act of 1973 or the ADA of 1990, which prohibits discrimination if the basis of handicap, should be directed to:

**Paul Skofronick, Section 504 Coordinator
Tomah Area School District
1310 Townline Road
Tomah, WI. 54660
(608) 374-7011**

All career and technical education (CTE) courses and programs are offered without discrimination. For a summary of courses, please see www.tomah.education.