

2025-2026



Course  
Registration  
Book



## RANDOLPH SCHOOL DISTRICT

*Cultivating global success through Academic Excellence and Small Town Values*

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January 2025

Dear Parents and Students,

This course registration booklet is designed to help you in your decisions in selecting courses for the upcoming year at Randolph High School and chart your future after high school. Please read the descriptions over and choose carefully. The school counselor, faculty, and I are available to help you with your choices. Please feel free to ask us questions or bring to our attention your scheduling concerns.

1. Students in freshman and sophomore year have the opportunity to take two credit electives of their choice. Students in junior and senior year have more options to explore postsecondary readiness by having three-four choice electives, including expanded work experience and dual credit courses.

If you are an upper-class student (junior or senior) you will find you have many choices depending on your life's goals. It is hoped that the course descriptions will prove helpful.

Mrs. Maria Kutzler  
Randolph Middle/High School Principal

NOTES: The school reserves the right to establish minimum enrollment limits appropriate to the classes listed in this booklet.

Material fees will be established prior to the beginning of each school year.

Any class offered in Randolph will not be taken in Cambria if it fits into a student's Randolph schedule.

A class may be canceled, split into two sections, balanced for enrollment, or the instructor changed, etc. as needed by the school.

Regulations regarding such matters as grading, attendance, etc. are contained in the Student Handbook and will be distributed the first day of class.

Si desea recibir esta información en español, comuníquese con la Sra. Medema al [\(920\) 326-2425](tel:920-326-2425).

**Cultivating Global Success through Academic Excellence and Small Town Values**

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## GRADUATION REQUIREMENTS

### Randolph School District

Board of Education

Graduation Requirements

Chapter Code: 5460

Policy

CREDITS	COURSES
4.0	<u>English</u> which incorporates instruction in written communication, oral communication, grammar and usage of the English language and literature.
3.0	<u>Social Studies</u> which incorporates instruction in American Indian History and culture; local and state government and must be U.S. History and a senior course in American Issues.
3.0	<u>Science</u> which incorporates instruction in the biological and physical sciences.
3.0	<u>Mathematics</u> which incorporates instruction in the properties, processes, and symbols of arithmetic and elements of algebra, geometry, and statistics.
1.5	<u>Physical Education</u> which incorporates instruction in the effects of exercise on the human body, health-related physical fitness, and activities for lifetime use.
0.5	<u>Business</u> which incorporates instruction in problem-solving computer applications and the social impact of computers as well as Financial Literacy through personal finance.
0.5 credits (Class of 2028 and beyond)	<u>Personal Financial Literacy</u>
0.5	<u>Health</u> which incorporates instruction in personal, family, community and environmental health is a State of Wisconsin requirement which shall be met through a required semester-long class during the 10th-grade year at Randolph High School. (Transfer students must have taken Health sometime in grades 7-12.)
10.0	Electives additional credits in vocational education, fine arts, foreign language, or other courses.

26.0 Credits, 16.0 of which are specifically prescribed

All students must complete the civic test requirement according to Wisconsin state statute 118.33 (1m) (a)(1) to receive a diploma. The Board may approve a course or courses in career and technical education that it determines may satisfy up to a total of one (1) credit of mathematics and/or science credit.

A student graduating prior to 2028 must also have participated in a curriculum relating to financial literacy in order to earn a diploma.

Students shall have passed the required courses and accumulated 26.0 credits to receive the diploma.

A unit of credit is earned in a full year course which meets five days per week.

A ½ unit of credit is earned in one of the following ways:

1. A semester course which meets five days per week.
2. A year long course which meets on alternating days during the week.
3. A year long course which meets a minimum of ½ of the available school days.

The Board may waive graduation requirements, except for the core requirements, in exceptional cases to suit the needs

of a student subject to Wis. Admin Code, §§ PI 18.03 and PI 18.04.

Physical education will receive 0.5 credits per year and a student needs to successfully complete at least 1.5 credits, over three years, for graduation. A medical excuse is an acceptable alternative to class participation in physical education. A medical excuse waives the required credit in physical education for the period for incapacitation. Credit requirement must still be met of 26 credits.

Students must be enrolled in a class or study hall for eight periods of the day unless an exception is granted by the principal. Enrollment must include carrying a minimum of either 6.5 credits including physical education if needed. Exceptions for approved school-to-work and work-based experiences may be granted as well as independent study.

A senior/junior student on an approved work experience program may have a shortened schedule but must complete requirements for graduation and comply with the regulations of the work experience program.

**General Provisions:**

- A student enrolled in a program for students with disabilities may be granted a high school diploma or certificate of completion providing s/he meets the requirements for graduation or completes the goals and objectives stated in the student's individualized education program (IEP). Those students who qualify for a certificate of completion may participate in graduation exercises.
- Students who are not enrolled in a program for students with disabilities and who do not qualify for the diploma shall not participate in the graduation exercises.
- All school-related obligations, for all students, must be satisfied prior to participation as determined by the high school principal.

Students will be assigned to a cohort for grade classification and state reporting purposes based on two factors:

- School year of student's first high school enrollment period.
- Student's grade level placement at the time of that first high school enrollment period.

Students will remain in the cohort they are assigned to upon entry to high school. For each graduation timeframe, whether that timeframe is four years or more than four years, each cohort is associated with a school during or before which a student is expected to graduate.

Students completing pre-approved coursework outside of Randolph High School will receive credit toward graduation requirements the equivalent of one-half credit per semester course. The grade will not count toward the cumulative grade point average, class rank or honor roll. Pre-approval needs to be sought through the high school principal and/or superintendent.

A summer school remedial class can be used to make up credits for a course failed during the school year. The original course and grade remain on the transcript and the grade from summer school will also be listed on the transcript but not included in the grade point average, class rank or honor roll.

**LEGAL REF.: Section 118.13 Wisconsin Statutes**

**PI 9.03(1) of the Wisconsin Administrative Code**

**CROSS REF: Discrimination Complaint Procedures**

**DATE APPROVED: November 17, 1988**

**DATE REVISED: August 19, 2024**

## Sample of a 4-YEAR EDUCATIONAL PLAN

Student Name \_\_\_\_\_ Student Grade \_\_\_\_\_ Date \_\_\_\_\_

Courses	Freshmen	Cr.	Sophomore	Cr.	Junior	Cr.	Senior	Cr.
English	English 9	1.0	English 10	1.0	English 11	1.0	English 12 CAPP English AP Lang & Comp	1.0
Social Studies	World History/Geography	1.0	U.S. History	1.0	American Government & Civics AP Psych Economics	1.0	American Government & Civics AP Psych Economics	1.0
Science	Intro. to Phys./Chem.	1.0	Biology	1.0	Science	1.0		
Math	Math	1.0	Math	1.0	Math	1.0		
Physical Education	PE 9	.5	Lifetimes Activities or Team Sports or Weightlifting	.5	Lifetime Activities, Team Sports or Weightlifting or Coaching and Officiating -taken either junior or senior year	.5		
Health			Health	.5				
Business	Computer Applications	.5			Personal Finance	.5		
World Language								
Agriculture								
Art								
Family & Consumer Ed.								
Music: Band/Choir								
Technology Ed.								
Special Programs (i.e. SCN/ECCP, Work Exp., Service Learning, Youth Appr.)								
Total Credits								

### GRADUATION REQUIREMENTS (26.0)

4.0	English
3.0	Social Studies
3.0	Science
3.0	Math
1.5	Physical Education
.5	Health
.5	Computer Applications
.5	Personal Finance
<b>16</b>	Required
+	
<b>10</b>	Electives
26	Credits for Graduation

### 4-YEAR POST SECONDARY COLLEGE REQUIREMENTS

4.0	English
3.0	Social Studies
3.0	Science
3.0	Math
+	
4.0	Other credits from above, or World Language, Fine Arts, and other academic areas.

<b>Courses Available</b>	<b>Sem 1</b>	<b>Sem 2</b>	<b>Credit</b>	<b>Grades class is open to</b> Required classes are underlined			
<b>AGRICULTURE</b>							
Agriculture Survey	X	X	1.0	9	10	11	12
Animal Science	X		.5		10	11	12
Horticulture	X	X	1.0		10	11	12
Small Animal Care & Management		X	.5		10	11	12
Agricultural Leadership	X	X	1.0			11	12
Farm & Business Management	X	X	1.0			11	12
Environmental Conservation	X	X	1.0		10	11	12
<b>ART</b>							
Ceramics	X		.5	9	10	11	12
Drawing	X		.5	9	10	11	12
Painting		X	.5	9	10	11	12
Sculpture/Printmaking		X	.5	9	10	11	12
Intro to Art & Design	X		.5	9	10	11	12
Professions in Design		X	.5	9	10	11	12
<b>BUSINESS</b>							
<b><u>Computer Applications</u></b>	X or	X	.5	<b><u>9 or</u></b>	10	11	12
Accounting I	X	X	1.0		10	11	12
Accounting II	X	X	1.0			11	12
Intro to Business	X		.5		10	11	12
Marketing Principles		X	.5			11	12
<b><u>Personal Finance</u></b>	X or	X	.5		<b><u>10 or</u></b>	11	
Student Publications (Yearbook)	X	X	1.0			11	12
<b>EDUCATION</b>							
CAPP EDU 110	X	X	1.0			11	12

<b>Courses Available</b>	<b>Sem 1</b>	<b>Sem 2</b>	<b>Credit</b>	<b>Grades class is open to</b> Required classes are underlined			
Student Teaching	Xor	X	.5			11	12
Peer Mentor	Xor	X	.5	9	10	11	12
<b>ENGLISH</b>							
<b><u>English 9</u></b>	X	X	1.0	<b><u>9</u></b>			
<b><u>English 10</u></b>	X	X	1.0		<b><u>10</u></b>		
<b><u>English 11</u></b>	X	X	1.0			<b><u>11</u></b>	
<b><u>English 12 or</u></b>	X	X	1.0				<b><u>12</u></b>
CAPP English (College Writing 101)	X	X	1.0				12
Advanced Placement Language & Composition	X	X	1.0			11	12
Acquiring English (English Language Learners)	X	X	1.0	9	10	11	12
<b>FAMILY &amp; CONSUMER SCIENCE</b>							
Food Science	X		.5		10	11	12
Farm to Table		X	.5		10	11	12
Foods I	X	X	1.0		10	11	12
Foods II	X	X	1.0			11	12
Future Family	X		.5	9	10	11	12
Parent and Child		X	.5	9	10	11	12
Independent Living Skills		X	.5	9	10	11	12
Fun with Foods	X		.5	9	10	11	12
<b>HEALTH</b>							
<b><u>Health 10</u></b>	X		.5		<b><u>10</u></b>		



<b>Courses Available</b>	<b>Sem 1</b>	<b>Sem 2</b>	<b>Credit</b>	<b>Grades class is open to</b> Required classes are underlined			
<b>MATHEMATICS</b>							
Pre Algebra/Integrated I	X	X	1.0	9	10		
Integrated Math II	X	X	1.0		10	11	
Integrated Math III	X	X	1.0			11	12
Algebra I	X	X	1.0	9	10	11	12
Algebra II	X	X	1.0		10	11	12
Geometry	X	X	1.0	9	10	11	12
Pre Calculus	X	X	1.0			11	12
AP Calculus AB	X	X	1.0			11	12
Statistics & Probability	X	X	1.0			11	12
<b>MUSIC</b>							
Band	X	X	1.0	9	10	11	12
Chorus	X	X	1.0	9	10	11	12
<b>PHYSICAL EDUCATION</b>							
<b><u>Physical Education 9</u></b>	X or	X	.5	<b>2</b>			
Team Sports	X or	X	.5		10	11	12
Lifetime Activities	X or	X	.5		10	11	12
Weight Training	X or	X	.5		10	11	12
Coaching and Officiating	X		.5			11	12
<b>SCIENCE</b>							
<b><u>Introduction to Physics &amp; Chemistry</u></b>	X	X	1.0	<b>2</b>			
<b><u>Biology</u></b>	X	X	1.0		<b><u>10</u></b>	11	12
CAPP/AP Biology	X	X	1.0			11	12

Courses Available	Sem 1	Sem 2	Credit	Grades class is open to			
				Required classes are underlined			
Environmental Science	X	X	1.0		10	11	12
Chemistry I	X	X	1.0		10	11	12
AP Chemistry	X	X	1.0			11	12
Astronomy	X	X	1.0		10	11	12
Physics	X	X	1.0			11	12
AP Physics	X	X	1.0			11	12
Human Anatomy & Physiology	X	X	1.0			11	12
Forensic Science	X	X	1.0			11	12
Medical Terminology	X		.5			11	12
Health Occupations -offered 25-26 school year- Spring Semester- even years		X	.5			11	12
Biotechnology -offered 26-27 school year-Spring Semester-odd years		X	.5			11	12
<b>SOCIAL STUDIES</b>							
<b><u>World History/Geography</u></b>	X	X	1.0	<b>9</b>	10		
<b><u>US History</u></b>	X	X	1.0		<b>10</b>	11	
<b><u>American Government &amp; Civics</u></b>	X	X	1.0			11	<b>12</b>
AP Psychology	X	X	1.0			11	12
Micro and Macro Economics	X	X	1.0			11	12
<b>TECHNOLOGY EDUCATION</b>							
Introduction to Technology and Engineering	X	X	1.0	9	10	11	12
Introduction to CAD	X		.5	9	10	11	12
Intro to CAD Architectural		X	.5	9	10	11	12
Robotics		X	.5		10	11	12
Solid Modeling Basics	X		.5		10	11	12

Courses Available	Sem 1	Sem 2	Credit	Grades class is open to			
				Required classes are underlined			
Video Production	X		.5	9	10	11	12
Communications		X	.5	9	10	11	12
Welding	X		.5		10	11	12
Home/Auto/Small Engine Maintenance		X	.5		10	11	12
Woodworking Processes	X(2hrs)		1.0			11	12
Building Trades		X(2hrs)	1.0			11	12
<b>WORLD LANGUAGES</b>							
Spanish I	X	X	1.0	9	10	11	12
Spanish II	X	X	1.0		10	11	12
Spanish III	X	X	1.0		10	11	12
Spanish IV	X	X	1.0				12

## REGISTRATION INFORMATION

A unit of credit is earned in a full year course which meets 5 days per week. A 1/2 credit is earned in the following ways:

- A semester course which meets 5 days per week
- A year long course which meets on alternating days during a week
- A year long course which meets a minimum of 1/2 of the available school days.
- A year long course which meets two hours per day is one credit per semester.

## ADD-DROP PROCEDURE

**Add-drops are strongly discouraged. Any student who would like to change his/her schedule must do so during the first 5 school days of each semester.** Schedules, however, will only be changed for three reasons:

- Administrative recommendation
- Teacher recommendation
- Student with parent request. NOTE: a parent conference with the student, teacher, school counselor and/or principal may be required.

Students will not be permitted to drop classes simply because they do not like the teacher or the course content, or that the course is too hard, or for similar reasons. Only valid reasons will be carefully considered. Students wishing to obtain an add-drop should see your school counselor.

Students requesting to drop after the second week period of a new course during the first or second semester, or are dropped at the request of the teacher because of non-academic concerns, will fail the course for the 9 weeks and/or semester.

## GENERAL CODING NOTES

- RC = course taught at Randolph also open to Cambria-Friesland students
- R = course taught at Randolph open essentially only to Randolph students
- AP = advanced placement course preparing student to take exams for which colleges may grant credit
- VC = vocational credit (dual credit)
- AS = advanced standing

## NON-DISCRIMINATION POLICY

It is the policy of the Randolph School District, pursuant to s. 118.13, Wis. Stats., and PI 9, that no person, on the basis of sex, race religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation or physical, mental, emotional, or learning disability, may be denied admission to any school in this district or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, extra-curricular, pupil services, recreational, or other program.

This policy also prohibits discrimination under related federal statutes, including Title VI of the Civil Rights Act of 1964 (race, color, and national origin), Title IX of the Education Amendments of 1972 (sex), and Section 504 of the Rehabilitation Act of 1973 (handicap). For more information, please refer to policy 2264 and 2266.

## **Career/Technical Education (CTE)**

CTE courses prepare students for high-skill, high-pay and high-demand careers. By integrating math and science concepts, CTE classes help students apply the skills they are learning in their core academic classes. According to the Association for Career and Technical Education (ACTE), “high quality CTE can ensure America’s future in competitiveness through increased student engagement, the innovative integration of math, science and literacy skills, and by meeting the needs of both employers and the economy as a whole.” CTE prepares students for a wide range of careers in the 21st century economy by helping students achieve academic success and improved employment outcomes. Additionally, involvement in CTE is shown to reduce dropout and absentee rates, and increase student success. Involving students in CTE classes, including work-based learning, often results in higher attendance rates, higher graduation rates and higher college attendance rates, according to ACTE.

Randolph High School students are fortunate to have many CT/E opportunities. Programs of study are available in:

- Agriculture (Plant/Animal)
- Business and Information Technology (Accounting/Finance/Marketing)
- Education and Human Resources
- Family and Consumer Sciences (Culinary Arts/Child Care/Fashion & Furnishings)
- Health Sciences
- Technology and Engineering Education (Carpentry/Construction/Woodworking/Metals/Welding)

Students already on Career Pathways should utilize their high school years to gain a foothold on the career of their choice by taking advantage of advanced standing credits, industry certification, certified work-based learning, and a full spectrum of coursework. Students still exploring Career Pathways may utilize CT/E options to explore career interests. Another value of CT/E is that oftentimes, students can decide, through exploration, if a career option suits their needs before leaving high school, ensuring strong interest before beginning a post-secondary program.

## **Industry Certification**

ProStart – Culinary Arts

### **ProStart – Culinary Arts**

Prerequisite: Foods I & Foods II, Employment in the food industry.

The restaurant and foodservice industry is looking for the country's best young people to be its future stars. Restaurant and foodservice, a \$440-billion industry, is growing so quickly that it creates 300,000 new jobs each year and enormous opportunity for advancement if you have the right skills and attitude.

ProStart is a career-building program that gives high school students a taste for success in the restaurant and foodservice industry by blending both classroom learning and work experience to produce the future culinary and management leaders of tomorrow.

The National Restaurant Association Educational Foundation (NRAEF) ProStart program earns you a national certificate and puts you on the road to management in one of America’s largest industries. There are also college credit transfer and scholarship opportunities. Please see the class instructor or school counselor for more information.

## **Work-Based Learning**

### **Youth Apprenticeship**

Credits Available: 1-2 Credits

Open to: Grade 11/12

Prerequisites: Approved application & interview with School-to-Career Committee

\*\*\* Two credits maximum for each Work Experience, Service Learning, & Youth Apprenticeship

*\*\*(Exceptions will be reviewed by the School-to-Career Committee.)*

Available to juniors and seniors, Youth Apprenticeship (YA) involves coursework and related work-based learning relevant in many of the Career Pathways. YA students must be in good academic standing, have excellent attendance and have taken a coherent sequence of related coursework. Upon completion of 450 hours of related work and completion of a Competency Checklist, students are granted a Level 1 Youth Apprenticeship Certificate by the Wisconsin Department of Workforce Development (DWD). (Two semesters of related classroom instruction is required.) A 2-year program with successful completion of 900 hours of work-based learning and a 2-year Competency Checklist earns students a Certificate of Occupational Proficiency from DWD. (Four semesters of related classroom instruction.) Areas available include: Agriculture Plant/Animal; Automotive Technician/Collision; Financial Services; Graphic Arts/Printing; Health Care; Information Technology; Manufacturing.

Opportunities are based on students being able to secure related employment. Employers must agree to adhere to standard employment of youth options rules and regulations. Participation in the Youth Apprenticeship Program requires that the student meet certain criteria: be a junior or senior on track to graduate, have adequate transportation to classes/work sites, parent/guardian approval, and an interest in pursuing the apprenticeship occupation. The classroom component for the Youth Apprenticeship may be taught at your high school or other pre-arranged locations. The placement for the work component will depend on the Youth Apprenticeship area chosen. Students who are interested in finding out more about a Youth Apprenticeship program or wish to make an application should talk to their school counselor or school-to-career coordinator.

<https://thedashboard.cesa5.org/home>

### **Certified Co-ops**

Available in Agriculture, Business, Child Care and Culinary, Certified Co-ops involve work-based learning and Department of Public Instruction checklists.

## **Work Experience**

Credits Available: 1-2 Credits

Open to: Grade 11/12 or with Principal Permission Any student taking Work Experience will receive a Pass/Fail grade whereby they receive credit, but not points toward their GPA (grade point average).

Prerequisites: Approved application & interview with School-to-Career Committee in spring of preceding year.\*\*\*Two credits maximum for Work Experience, Service Learning, & Youth Apprenticeship combined

*\*\*\* (Exceptions will be reviewed by the School-to-Career Committee.)*

The Randolph High School's Work Experience Program provides students the opportunity to prepare for the world after high school. It gives students the opportunity to explore a career before he/she makes any long-term commitments to training or education. These hours are considered part-time, with pay by the employer. To compete and work in the technological and global economy, our labor force will need a more highly skilled, lifelong, educational approach. Our schools need to prepare students for this highly demanding future. Our students will possess a combination of good academic skills and positive work attitudes and ethics.

In cooperation with the Randolph School District and area employers, the program allows the District to better meet the future needs of the student in particular career fields. All placements are made by the High School and the student receives elective credit towards graduation. All programs will be presented to the Curriculum Committee for approval.

Participation in the Work Experience Program requires that the student meet certain criteria: be a junior or senior on track to graduate, have adequate transportation to classes/work sites, parent/guardian approval, and an interest in pursuing the work experience occupation.

## Service Learning

Credits Available: 1-2 Credits

Open to: Grade 11/12

Any student taking Service Learning will receive a Pass/Fail grade whereby they receive credit, but not points toward their GPA (grade point average).

Prerequisites: Approved application & interview with School-to-Career Committee in spring of preceding year.

\*\*\* Two credits maximum for Work Experience, Service Learning, & Youth Apprenticeship combined

\*\*\* (*Exceptions will be reviewed by the School-to-Career Committee.*)

The Randolph High School's Service Learning Program provides students the opportunity to prepare for the world after high school. It gives students the opportunity to explore a career before he/she makes any long term commitments to training or education. These hours are non-paid hours.

To complete and work in the technological and global economy, our labor force will need a more highly skilled, lifelong, educational approach. Our schools need to prepare students for this highly demanding future. Our students will possess a combination of good academic skills and positive work attitudes and ethics.

In cooperation with the Randolph School District and area employers, the program allows the District to better meet the future needs of the student in particular career fields. All placements are made by the High School and the student receives elective credit towards graduation. All programs will be presented to the Curriculum Committee for approval.

Participation in the Service Learning Program requires that the student meet certain criteria: be a junior or senior on track to graduate, have adequate transportation to classes/work sites, parent/guardian approval, and an interest in pursuing the service learning occupation.

Service learning will be attached to standards for the content areas. Teachers will identify the standards that will be addressed, along with assessments to document learning. The Principal, teacher, and student must meet prior to the school year to identify standards and modes of assessment.

## **Employability Skills Certificate Program**

Credits Available: 1 Credit

Prerequisite: None

Permission

Open to: Grade 11/12 or with  
Counselor & Principal

The intent of the Wisconsin Employability Skills Certificate Program is to recognize a student's mastery of employability skills valued by employers, to help students explore career interests, and to provide a state credential of student mastery. This program allows:

- Students to document their employability skills
- Employers to assess the skills they are looking for in quality employees
- Educators customize instruction to help learners to acquire skills that today's workplace requires.

The Employability Skills Certificate Program consists of the following required components:

- Reinforcing 21st Century Skills in Personal Work Habits and Attitudes
- Completion of 90 on-the-job work hours
- Career Exploration and Planning

(Wisconsin Work-based Learning Programs: Linking Student to 21st Century Careers - Education website:

<https://dpi.wi.gov/sites/default/files/imce/cte/pdf/wblbrochure12.pdf>

## **Independent Study**

Credits Available: 1-2 Credits

Open to: Grade 11/12 per Principal Permission

On occasion, independent study may be an option for a particular student. Generally, independent study will follow one of two paths:

1. A student and a teacher will determine that the student should make every effort to go beyond a course of curriculum's normal upper limits, and independent study in the best way to do so; OR
2. A student and teacher will determine that a student should make every effort to pursue course work not normally available in the curriculum, and that independent study is the best way to do so.

The procedure for establishing an Independent Study course is as follows:

A completed Independent Study form (acquired through the school counseling office) is to be filled out by the teacher and the student. This form includes outlined details of the course and student/teacher agreement, a list of dates with various tasks to be completed, and signatures of understanding by both the teacher and the student.

A copy will be sent home to parents.

All Independent Studies will be discussed at the Board level.

Administrative Rule: It is understood that the teacher needs to be willing to do this as part of their regular schedule. Teachers taking on an independent study are volunteering their time to help the student.

## **Dual enrollment**

**(ECCP Early College Credit Program/SCN- Start College now)**

Credits Available: 3 post secondary = .75 high school credit

Any student interested in participating in dual enrollment should talk to the school counselor.

More information can be found here: <https://dpi.wi.gov/dual-enrollment>

A pre-approval form and contract is required





**MADISON**  
AREA | TECHNICAL  
**COLLEGE**



Advanced Placement Courses	Dual Credit Courses
AP Language	Marketing Principles
AP Chemistry	Assistant Childcare Teacher
AP Physics	Medical Terminology
AP Psychology	Biotechnology
AP Calculus AB	Intro to Business
AP/CAPP Biology	CAPP College Writing
	AP/CAPP Biology
	CAPP EDU 110
	Computer Applications

## COLLEGE INTERESTS

## COLLEGE ENTRANCE MINIMUM REQUIREMENTS

Entrance requirements vary somewhat among different colleges and universities. Students interested in attending a particular college should contact the school counselor's office to obtain specific information or go to the school's web site. This should be done early in your high school career.

## PREPARING FOR COLLEGE

The range of courses offered at today's high school is designed to prepare students with differing interests and abilities for a wide variety of life-after-high-school options. "College prep" courses are particularly appropriate for providing you with the academic background you need to succeed in a degree program at a college or university. Your college preparatory program should help you develop competence in four primary areas: English, mathematics, social studies and natural science. College preparatory courses are characterized by the academic challenge they present, requiring time and intellectual effort extending beyond the classroom.

# UNIVERSITY OF WISCONSIN SYSTEM

(may vary by institution)

Students graduating from high school will be required to take a minimum of 17 high school credits, distributed as follows:

## **Core College Preparatory Credits 17 credits**

English 4 credits

Mathematics 3 credits (must include at least 1 credit of Algebra and the equivalent of 1 credit of Geometry)

Social Science 3 credits

Science 3 credits

Elective Credits 4 credits

To determine which courses may be accepted within these categories - see your school counselor.

Chosen from the core college preparatory areas, world language (some UW schools require 2 years of the same world language like Spanish I & II), fine arts, computer science and other academic areas. Some UW System institutions may also accept vocational courses for some of these 4 elective credits.

**TOTAL**

**17 credits\***

## **VOCATIONAL SCHOOL CONCERNS VOCATIONAL AND OTHER SCHOOLS REQUIREMENTS**

Entrance requirements of other schools vary, depending on the type of school, but it can no longer be assumed that merely graduating from high school guarantees automatic acceptance at vocational and trade schools. Many specialized courses of study (for example practical nursing, engineering, technology, etc.) require a certain grade average plus basic courses in English, math, science, and social studies. To be absolutely certain that you will qualify for the school of your choice, see your school counselor early in your high school career.

## **COLLEGE ENTRANCE EXAMINATIONS**

Many post-secondary institutions require students to take a college entrance examination. Examples include the ACT, SAT, COMPASS, and ACCUPLACER. The ACT/SAT tests are most often taken in the second semester of the student's junior year.

See your school counselor for information concerning the school or schools you are considering attending or check their web sites.

## ADVANCED PLACEMENT (AP)

Students can choose to take an Advanced Placement (AP) exam for either an AP class that they are enrolled in or any AP test area that they prepare for on their own. If students score a "3" or above on the AP exam, they are granted college credit that transfers to most accredited post-secondary institutions. If you would like to see how AP exam scores transfer into the UW College System, you can search that information here:

<https://uwhelp.wisconsin.edu/prep-for-college/credits/testing-ap-ib/>.



AP Exams are \$99 per test (\$53 for students affected by poverty [free/reduced lunch qualification]). Registration and payment take place prior to November 1 each year. Exams are held in May at Randolph High School. They may be in electronic and/or paper format consisting of questions in various formats- multiple choice, written response, oral response, performance task. Students that register for an exam but do not take it are refunded their fee with the exception of \$40. [2025 Exam dates can be found here.](#)

More information about AP courses and exams can be found on the College Board's website:

<https://apcentral.collegeboard.org/>.

## CORRESPONDENCE COURSES

To add emphasis to the stated philosophy of the district to provide each student with opportunities for obtaining the knowledge, experience, and skills which will best prepare him/her to assume a position in the competitive adult society and permit him/her to make their greatest contribution to that society, the Board of Education recognizes credits earned through correspondence or extension work governed as follows:

1. Prior approval of such course work by the administration and school counseling department.
2. To be approved, the course must satisfy one or more of the following criteria:
  - A. A course previously failed at RHS required for graduation, but schedule conflicts make it impossible to retake.
  - B. A required course at RHS but schedule conflicts prevail.
  - C. An elective course at RHS but schedule conflicts prevail.
  - D. A course not offered at RHS but would serve to answer a real need of a student to fulfill an interest, as long as the student has exhausted course work in the related curricular area, if appropriate.
  - E. Students must be full-time enrolled at RHS
3. Payment of fees and costs:

Students shall initially pay for the total cost of such credits. Upon receipt of transcript of grading results verifying successful completion of the course, the district shall reimburse students or parents for actual tuition costs including books, except for students retaking failed courses via correspondence courses.
4. Courses taken as part of the high school graduation requirements must be completed and grades received before the end of the semester they are approved for, or be treated as an incomplete class until the course is finished.
5. All courses taken during the senior year, to meet graduation requirements, must be completed satisfactorily and a transcript received at least 2 weeks prior to commencement in order to participate in graduation ceremonies.

## Open enrollment

Contact the District Office for more information on open enrollment.

Wisconsin's inter-district public school open enrollment program allows parents to apply for their children to attend school districts other than the one in which they reside. Please use the following link provided for a list of topics at the Department of Public Instruction website located at <https://dpi.wi.gov/open-enrollment>.

# Program of Study Career Clusters

The 16 National and State Career Clusters provide an organizing tool for grouping occupations and broad industries based on commonalities.

Students should find what career clusters they're interested in.

What high school courses/classes are offered that are related to the career?



Explore what post high school options you're interested in:

- A two year college
- A four year college
- Vocational Certification from a technical college
- Military
- Employment following graduation
- Apprenticeship Schools
- Specialty Schools

What are the requirements to these schools or programs?

Based on my post-secondary plans, what courses/classes are a best fit for me?

For more information on the [career clusters](#).



## Agriculture

### Agricultural Survey

(18001 CTE)

AGSURV	RC	Credit:	1
Prerequisite:	None	Open to:	9-12

Agricultural Survey is an introductory course which will orient students to the field of agriculture and its many facets. It provides the background students need for making decisions with respect to the specific areas of agriculture in which they might be interested. Short units on agriculture occupations in both production and non-production areas provide the student with a "jumping off" place for further study in agriculture. This survey course will also include the FFA unit.

### Animal Science

(18101 CTE)

AGANI	RC	Credit:	1/2 First semester
Prerequisite:	None	Open to:	10-12

Animal Science is designed around the specific management practices of large animals. The basic animal functions of growth, maintenance, production, and reproduction are covered with respect to the influence of the nutrient classes. Detailed units in nutrition as well as digestion and reproductive physiology for farm animals are included. Units involving the environment and safety are included.

### Environmental Conservation

(18003 CTE)

AGCONS	RC	Credit:	1
Prerequisite:	None	Open to:	10-12

Conservation is designed to expose students to the ideas that many of our natural resources are finite. Both renewable and nonrenewable resources are covered as well as the laws which pertain to them. Units include ecology, soil, water, forests, wilderness, wildlife, minerals, population, air pollution, and recreation. Also covered are urban and suburban conservation problems, natural resource management, and careers. Students will raise perch each year in aquaculture.

### Horticulture

(18052 CTE)

AGHORT	RC	Credit:	1
Prerequisite:	None	Open to:	10-12

Horticulture is a class designed to manage the Randolph High School greenhouse. The class is responsible for the production and management of nearly 10,000 plants annually. Units covered include propagation, plant physiology, respiration and photosynthesis, disease and insect control, and plant growth and fertilizer response. A detailed landscape unit is also included.

### Small Animal Care & Management

(18102 CTE)

AGSMAL	RC	Credit:	1/2 Second semester
Prerequisite:	Animal Science or	Open to:	10-12

Small Animal Care & Management is a course designed to explore the pet and companion animal industry as well as laboratory animals and their role in research. It is designed to give students a background in feeding, reproduction, anatomy and physiology, diseases and ailments, and handling and training. Also covered are housing and equipment requirements for pet, companion and laboratory animals. Students in the Small Animal Care & Management course will also spend time studying the requirements for the veterinary industry with regards to small animals. This class will spend a considerable amount of time taking care of the animals in the animal lab.

Agriculture Leadership  
(18202 CTE)

AGLEAD	RC	Credit:	1
Prerequisite:	None	Open to:	11-12

Leadership is a course designed to define and discuss leadership styles and to promote leadership among class members. All students will complete resumes, develop a portfolio, become proficient in parliamentary procedure, and complete college and scholarship applications as well as all award applications for which they might be qualified. Class Management Teams (CMT's) will plan and organize tours, secure class speakers, and organize class presentations. Personal leadership skills and initiatives in the areas of stress management, insurance, personal finance, communications, money management, cultural diversity, public policy, and goal setting will also be studied. Also included in this course are units which meet the state suggested curriculum requirements on financial literacy.

Farm and Business Management  
(18201 CTE)

AGFARM	RC	Credit:	1
Prerequisite:	Consent of instructor	Open to:	11-12

The fall semester includes detailed units in the management of production areas. Supply and demand, law of diminishing returns, fixed and variable costs, and opportunity costs are discussed. Conclusions are drawn as to alternatives to predict prices and yields. The spring semester deals with cooperatives, taxes, farm law (which includes area representatives in the Wisconsin Assembly and Senate as well as the U.S. Congress), the extension service, and job interviews and resumes. This course is aligned with the State Financial Literacy Standards.



## Art

### Drawing (05156)

ARDRAW	RC	Credit:	1/2	first semester
Prerequisite:	None	Open to:	9-12	

Students will be instructed on and practice several drawing techniques while exploring the elements and principles of art as well as various themes and theories relevant in the world of art and design. Students will learn and practice techniques using graphite, colored pencil, charcoal, pastels, and markers. The goal of this course is to equip students with the basic skills needed to create successful drawings. Students will be expected to display their artwork within the school and/or community.

### Painting (05157)

ARPAIN	RC	Credit:	1/2	second semester
Prerequisite:	Drawing	Open to:	9-12	

Students will be instructed on and practice several painting techniques while exploring the elements and principles of art as well as various themes and theories relevant in the world of art and design. Students will learn and practice techniques using acrylic, watercolor, and oil paints on paper and canvas as well as various other alternative surfaces. The goal of this course is to equip students with the basic skills needed to create successful paintings. Students will be expected to display their artwork within the school and/or community.

### Ceramics (05159)

ARCERA	RC	Credit:	1/2	first semester
Prerequisite:	None	Open to:	9-12	

Students will be instructed on and practice hand-building and wheel throwing techniques while exploring the elements and principles of art as well as various themes and theories relevant in the world of art and design. The goal of this course is to equip students with the basic skills needed to create successful ceramic pieces. Students will be expected to display their artwork within the school and/or community.

### Sculpture/Printmaking (05158)

ARSCPR	RC	Credit:	1/2	second semester
Prerequisite:	None	Open to:	9-12	

Students will be instructed on and practice several sculpting and printmaking techniques while exploring the elements and principles of art as well as various themes and theories relevant in the world of art and design. In sculpture, students will be instructed on and practice additive and subtractive techniques with materials such as wire, glass, cardboard, and found objects. In printmaking, students will be instructed on and practice techniques such as linoleum block printing. The goal of this course is to equip students with the basic skills needed to create successful sculptures and prints. Students will be expected to display their artwork within the school and/or community.

### Introduction to Art & Design (05262)

ARTINT	RC	Credit:	1/2	first semester
Prerequisite:	None	Open to:	9-12	

This studio course is designed to be the foundation of all future art courses offered. Introduction to Art & Design is intended to provide a base understanding for upper level visual art content, skill and processes for creative thinking, visual communication, and technique used in each medium. Historical contexts, cultural overviews and major concepts will be explored to provide an understanding and awareness of art, why it exists and its effect on our contemporary setting.



## Professions in Design

(05260)

ARTPRO

RC

Credit:

1/2

second semester

Prerequisite:

Intro to Art & Design

Open to:

9-12

This course is intended to prepare students with experience for careers focused in design, while providing the opportunity to explore a diversity of design professions, both traditional and those pushing innovation within social media and digital platforms alike. Professions in Design will provide students with insight into the industry, mock post secondary experiences, as well as prepare and begin a portfolio for future employers or potential university interests. This course will cover careers capable of joining just post a high school graduation, as well as those requiring at minimum a 4- year degree, to help students envision, prepare and plan for a career in design.



## Business

### Computer Applications

(10004) (10004 CTE for dual credit)

BUCOMP RC Credit: 1/2 first or second semester

Prerequisite: Dual Credit Option for students with recommendation from the instructor. Open to: 9-12

Learn basic features of Excel, Word, PowerPoint, and Outlook using Microsoft Office 365. Explore Excel to create workbooks, write formulas & functions, manage data, and produce charts & graphs. Discover how Word can automatically generate footnotes, insert citations, and create a bibliography. Create presentations through PowerPoint focusing on layout and design elements. Manage email and calendar using Outlook. Students must have file management skills including saving, organizing, and retrieving files.

**\*Dual Credit through Madison College for students with a "C" or better- 3 College credits**

Accounting I

(12104 CTE)

BUACT1 RC Credit: 1

Prerequisite: None Open to: 10-12

This course involves acquiring a working knowledge of the accounting methods involved in operating a service business organized as a proprietorship and a merchandising business organized as a corporation. Students will work through a complete accounting cycle from journalizing through the completion of financial statements. Students will gain hands-on experience through completion of real world-simulations. Students who will be involved or interested in owning and/or managing their own business, students who will be working in a business occupation, or students who are considering majoring in a business field at a technical college or four-year college will find this course most useful

Accounting II

(12105 CTE)

BUACT2 RC Credit: 1

Prerequisite: Accounting I Open to: 11-12

Accounting II is an advanced course for the student interested in a career in accounting, business management, finances or any business career, or for those who may be interested in owning their own business. Areas to be covered include Departmental Accounting, Partnership Accounting, and Managerial Accounting. Analysis of financial statements and inventory systems will be covered. The course is organized in an online, computerized format.

Intro to Business

(12051 CTE)

BUSINB RC Credit: .5

Prerequisite: Info Processing Open to: 10-12

This course, designed to provide a fundamental understanding of business. It will cover marketing, financing, law and communicating within a business environment. Skills taught will include communication, problem-solving, decision making, economics, ethics, finance, and basic marketing principles.

### Personal Finance

(12103)

BUPERF RC Credit: 1/2 first or second semester

Prerequisite: None Open to: 10-12

The course will include such topics as money management, investing, comparison shopping, insurance, credit, housing, vehicles, financial institution services, financial aid, and taxes. This course will help students come face to face with all aspects of personal and adult concerns such as bills, mortgages, risks, and contracts before they are faced with them as consumers in

real life. Hands-on experience will be gained through online simulations and activities.

#### Student Publications

(10005 CTE)

BUSTPU	R	Credit:	1
Prerequisite:		Open to:	11-12

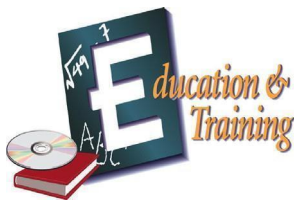
This class will produce the high school yearbook, sports programs, and video boards including layout, graphics, photography and selling advertising. Students will be required to spend time outside of class to meet deadlines. Advanced layout and electronic page assembly software will be used to produce quality documents such as newsletters, the yearbook, advertisement pages and journalistic articles. Students must have the approval of the advisor to take this class.

#### Marketing Principles

(12164 CTE)

BUMARP	RC	Credit:	3 College credits/.5 RHS
Prerequisite:	Intro to Business	Open to:	11-12

This foundation course introduces students to the marketing process and how it operates in today's dynamic organizations. The entire marketing mix is examined on a broad scale. Topics include: market segmentation and targeting strategies, market research, consumer behavior, product development, pricing policies, distribution and an overview of promotion. Provides a comprehensive overview of the exciting work of marketing. **\*This is a dual credit class with Madison College.**



## EDUCATION

CAPP EDU 110 (Education Policy: Truth & Myth)

(19199)

EDU110                      RC                      Credit:                      1 RHS credit/3 College credits

Prerequisite:    none                      Open to:                      11-12

For more than three decades public education policy in the United States has become a pervasive part of the public discussion. U.S. media is dominated by doom and gloom stories, and pessimistic assessments of U.S. students in international education rankings, and other failings of the U.S. public education system. This course will help learners scrutinize media accounts and public policy proposals for accuracy, bias and potential for effectiveness. By understanding how to critically examine a variety of claims, and learn about ways citizens can influence public policy, learners will have a better capacity to engage in community life.

\*This is a dual credit course through UW Oshkosh. Students must have a 2.75 GPA or higher on a 4.0 scale

Student Teaching

(19152)

EDUST                      R                      Credit:                      1/2

Prerequisite:    You must be an active member                      Open to:                      11-12  
of the EHSC club or (previous year's membership is recommended)  
or be enrolled concurrently in EDU 110

Joining the STAMP (Students Teaching and Mentoring Peers) program allows you to student teach and/or peer mentor to earn high school credit. Your placement can be the same, or it can vary by semester. You are able to be placed in an elementary, middle, or high school classroom, as long as there is a teacher who is a) willing to have you, and b) it is not their first year teaching in the Randolph School District.

Highly Recommended:

- You must be a junior or senior in high school
  - You must be an active member of the EHSC (Education Human Services Club)
- OR
- Be enrolled concurrently in EDU 110 (but CAPP-specific college credit is optional!)

What will you do as a student teacher?

As a student teacher you can expect to do all of the following, at least once at some point in your placement: working with kids one-on-one, reteaching lessons to small groups, reading with a small group or a single student, helping decorate the classroom or make necessary copies, grading subjective work (multiple choice; true/false), teaching whole-class short lessons, reflecting on your experiences both in writing and speaking, helping escort students to an alternate location, becoming familiar with state teaching standards, etc. This is truly meant to give you an insider look at what it means to be a teacher day-to-day in the Randolph School District.

## Peer Mentor

(19995)

EDUPM

R

Credit:

1/2

Highly recommended: Be an active member

Open to:

9-12

of the EHSC club or (previous year's membership is recommended)  
or be enrolled concurrently in EDU 110

Another option is to become a peer mentor, for one semester or two. Your placement can be the same, or it can vary by semester. You are able to be placed with an elementary, middle, or high school student, as long as there is a need and someone willing to be mentored, (whose study hall matches up with your schedule).

**Requirements: same as student teacher**

### What will you do as a peer mentor?

As a peer mentor you can expect to do all of the following at some point in your placement: working with your student (or your group of 2 or 3) one-on-one, reteaching simple lessons, reading together, playing games, asking questions to get to know your mentee(s) better, taking them on walks for brain breaks or cool downs, helping students manage social/emotional stress, reflecting on your experiences both in writing and speaking, helping escort students to an alternate locations, becoming familiar with mandatory reporting and confidentiality requirements, etc. This is truly meant to give you an insider look at what it means to work directly with students on a daily basis in the Randolph School District.

If you do not meet either of these requirements, you will be asked to write a letter recommending why you are a good fit for student teaching, and attend an interview with the Education and Human Service advisor, and school principal. Please see Mrs. Daugherty ([daughertyj@rsdwi.org](mailto:daughertyj@rsdwi.org)) with any further questions.



## English Flowchart (4 credits required)

Year	9th Grade	10th Grade	11th Grade	12th Grade
Classes	<ul style="list-style-type: none"> <li><b>English 9</b></li> </ul>	<ul style="list-style-type: none"> <li><b>English 10</b></li> </ul>	<ul style="list-style-type: none"> <li><b>English 11</b> or</li> <li>AP Language</li> </ul>	<ul style="list-style-type: none"> <li><b>English 12</b> or</li> <li>College Writing (CAPP) or</li> <li>AP Language</li> </ul>

## English

### English 9

(01001)

ENG09                      RC                      Credit:                      1

Prerequisite:                      None                      Open to:                      9

English 9 is designed to help students improve their oral and written skills in communication. The basics, such as grammar, proper paragraphing, and an introduction to an essay, will be covered. In addition, different genres of literature, namely the short story, drama, and novel will be studied.

### English 10

(01002)

ENG10                      RC                      Credit:                      1

Prerequisite:                      English 9                      Open to:                      10

English 10 is a year-long course designed to develop the written and oral communication skills needed to be successful in today's world. Students will use critical thinking, analyzing, Students will complete journals, daily activities, essays, a research project, and public speaking in persuasive and informative forms. English 9 is the only prerequisite.

### English 11

(01003)

ENG11                      RC                      Credit:                      1

Prerequisite:                      English 10                      Open to:                      11

This course studies the evolving content of American Literature from its beginnings with the early Native American and Puritans to the social changes brought on in the latter 1900's. Emphasis will be placed on the social commentaries made by the author's themselves in relation to the topics covered in the students' U.S. History II course. The course is primarily analytical in nature with the student expected to read various poems, short stories, essays, and novels, discuss them in class, and develop critical essays based on that literature.

### English 12

(01004)

ENG12                      RC                      Credit:                      1

Prerequisite:                      English 9-11                      Open:                      12

English 12 is a year-long course in which students will explore nonfiction and literature through reading, writing, collaboration, and public speaking from around the world. This course will focus on global perspectives and preparing students for careers, college, and life. Students will also practice technical, business, and formal writing for the work force and/or technical colleges after high school. Students will complete journals, daily activities, group projects, essays, as well as a Senior Capstone research project and paper in the fourth quarter. English 9-11 are the prerequisites.

CAPP English (College Writing 101)  
(01102)

ENGRW                      RC                      Credit: 1 HS credit/3 college credits

Prerequisite:              English 9, 10, 11 or AP Lang.              Open to:    12

In this course, students will develop their writing, critical reading, critical thinking, and information literacy skills by exploring a single topic in depth. Students are expected to participate actively in their own learning through class discussions and group activities. The theme will vary, depending on the instructor. Students should check with their adviser or the First-Year Writing website to determine the theme for each section. Successful completion of WRITING 101 fulfills the English composition or Quest Writing general education requirement. The theme of this specific course will revolve around Identity, Perspective, and Communication.

Advanced Placement (AP) Language & Composition  
(01005)

ENGAP                      RC                      Credit:              1

Prerequisite:              English 9, 10                      Open to:              11-12

Following the College Board's suggested curriculum designed to parallel college-level English courses, AP English Language and Composition courses expose students to prose written in a variety of periods, disciplines, and rhetorical contexts. These courses emphasize the interaction of authorial purpose, intended audience, and the subject at hand, and through them, students learn to develop stylistic flexibility as they write compositions covering a variety of subjects that are intended for various purposes. This is an Enriched or Advanced course.

Acquiring English  
(01996)

ENGAE                      R                      Credit:              1

Prerequisite:              English as a Second Language              Open to:              9-12

(with recommendation from the English as a Second Language coordinator)

The Acquiring English class is offered to students who score at Level 1 or Level 2 in English proficiency. The purpose of this course is to provide some instruction in English and to give the non-English speaking students an opportunity to practice their oral language skills in a non-threatening environment. Language assessments will be given to students based on transcripts and English as a second language coordinator recommendations.



## Family and Consumer Sciences

### Foods I (16054 CTE)

FCSF1	RC	Credit:	1
Prerequisite:	Fun with Foods	Open to:	10-12

This course offers an overview of the role foods play in a person's healthy lifestyle, in society and in the world. The student will learn the necessary skills to select and prepare a variety of foods. Students will learn food safety, selection and storage, a variety of preparation techniques, meal planning and food budgeting. Hands on labs will include fruits, vegetables, meat, breads, milk and dairy, desserts and snacks. Students are encouraged to join FCCLA (Family, Career and Community Leaders of America) and develop leadership skills by participating in STAR competitive events or serving as a Regional Representative or State Officer.

### Foods II (16053 CTE)

FCSF2	RC	Credit:	1
Prerequisite:	Food Preparation Skills	Open to:	11-12

This junior and senior level class is for students interested in exploring/pursuing a career or employment in the Food Service and Hospitality industry. Students will explore the various aspects of food service – preparation, planning, sanitation, nutrition, customer service, and management. Through work place experience and simulations students will gain experience that will prepare them to pursue a career in Hospitality. Upon completing foundation, I & II of the Pro-Start program, along with work experience, and completion of a national test, a National Restaurant Association certificate is earned. Students are encouraged to join FCCLA (Family Career and Community Leaders of America) and develop leadership skills by participating in STAR competitive events or serving as a Regional Representative or State Officer.

### Food Science (19254)

FCSFS	RC	Credit:	1/2 First Semester
Prerequisite:	NONE	Open to:	10-12

This course looks at the processes and science behind food production. Students will apply science concepts as they relate to food, food production and food processing. Units of study will include the science of food, basic food chemistry, food microbiology, food preservation and packaging, food additives such as colors, spices, sugars, fats and flavors. Students will conduct labs to develop further understanding of the connection between our food, science and the impact on consumer choices. This class is hands-on and requires student participation.

### Farm to Table (18305 CTE)

FCSFT	RC	Credit:	1/2 Second Semester
Prerequisite:	None	Open to:	10-12

In this class you will study where your food comes from and how people and resources get food from field to plate, it will also include growing, harvesting and cooking. Along the way, you will learn about aspects of public health, equity and the environment.

### Independent Living Skills (19257)

FCSLS	RC	Credit:	1/2 First Semester
Prerequisite:	None	Open to:	9-12

Life Skills courses provide students with information about a wide range of subjects to assist them in becoming wise consumers and productive adults. This course emphasizes process skills, including goal-setting, decision making, and other topics such as the setting of priorities, money and time management, interpersonal relationships, and the development of the self. Additionally,



specific topics such as wellness, selecting and furnishing houses, meeting transportation needs, nutrition, preparing food, selecting clothing and building a wardrobe, insurance, taxation, and consumer protection may also be covered.

#### Fun with Foods (19252)

FCSFWF	RC	Credit:	1/2 Second semester
Prerequisite:	None	Open to:	9-12

Do you like to eat food and want to learn how to make healthy food choices? Do you want to learn how to make food you like to eat? This class will get you cooking and help you to become aware of healthy food choices. Lab time will be spent on learning how to prepare easy to make food items that you can make at both school and home. This class is a prerequisite for Food Preparation Skills.

#### Future Family (19259)

FCSFF	RC	Credit:	1/2 First semester
Prerequisite:	None	Open to:	9-12

Students will study female and male roles in relationships and their importance in the family. Dating, mate selection, readiness for permanent relations, family life cycles, divorce and abuse are just some of the topics explored in this class. Reading, videos, group discussions, problem solving, and role plays will be used to enable students to make informed decisions about their families and their future family. Students are encouraged to join FCCLA (Family, Career and Community Leaders of America) and develop leadership skills by participating in STAR competitive events or serving as a Regional Representative or State Officer.

#### Parent and Child (19051 CTE)

FCSPC	RC	Credit:	1/2 Second semester
Prerequisite:	None	Open to:	9-12

This course focuses on child development from conception to school age and how parents foster their development. Students interested in pursuing a future career as a teacher, counselor, nurse, doctor, social worker, child care teacher or plan on becoming a parent are encouraged to take this course. Emphasis in this course focuses on child health and development and the skills needed to guide physical, intellectual, emotional, and social development. Upon completion of this course, students should be prepared to care for and guide the development of a child through all stages of growth – within a family, as a child-care professional, a teacher, a nurse or doctor, or in other experiences with children. (Family, Career and Community Leaders of America) and develop leadership skills by participating in STAR competitive events or serving as a Regional Representative or State Officer.



# HEALTH

## Health

(08051)

HEA10

RC

Credit:

1/2

daily for a semester

Prerequisite:

None

Open to:

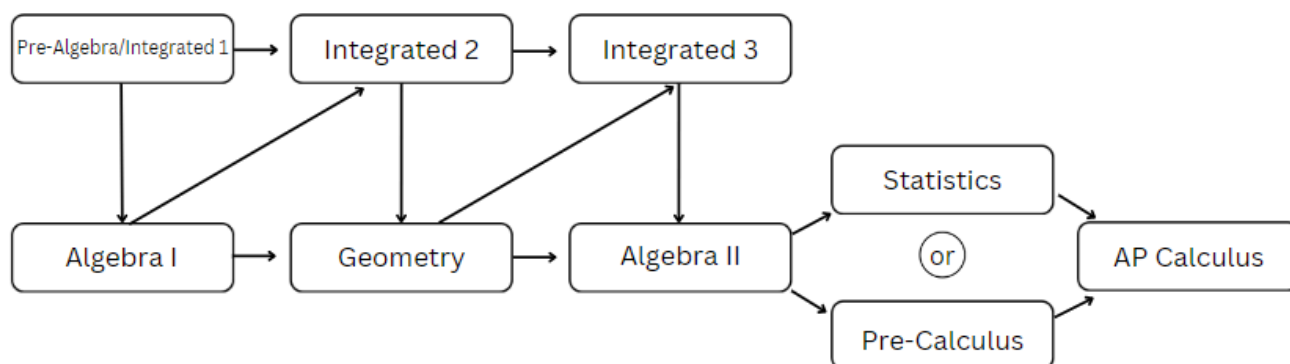
10

offered both semesters

Health Education students will participate in self-inventories, and interactive experiences that reinforce positive health choices in all areas of daily life- physical, mental, and social. Students will be encouraged to take responsibility for their own health and make wellness a lifelong habit.



## Mathematics Flowchart (3 credits required)



\*Algebra I, Geometry, and Algebra II are recommended as a minimum for college, university and some vocational/technical school programs. \*\*Some colleges may not accept statistics as a math credit. Check with the counselor or your instructor for exact math recommendations for vocational/technical schools.

## Mathematics

### Pre Algebra/Integrated 1

(02074)

MAPREA

RC

Credit:

1

Prerequisite:

None

Open to:

9-10

This course focuses on developing fluency with rational numbers and proportional relationships. Students will learn to think flexibly about relationships among fractions, decimals, and percents. Students will learn to recognize and generate equivalent expressions and solve single-variable equations and inequalities. Students will investigate and explore mathematical ideas and develop multiple strategies for analyzing complex situations. Students will analyze situations verbally, numerically, graphically, and symbolically. Students will apply mathematical skills and make meaningful connections to their life experiences.

### Algebra I

(02052)

MAALG1

RC

Credit:

1

Prerequisite:

None

Open to:

9-12

Algebra I deals with all of the algebra concepts such as number lines, sets variables, all operations, open sentences, polynomials, factoring, coordinate algebra, relations and functions.

### Integrated Math II

(02063)

MAINT2

RC

Credit:

1

Prerequisite:

Pre-Algebra or

Open to:

10-11

Consent of Instructor

Integrated Math 2 is a continuation of the topics covered in Integrated Math 1 and a range of new algebra and geometry topics that include linear equations, systems of equations, radical equations, and trigonometry.

Integrated Math III  
(02064)

MAINT3	RC	Credit:	1
Prerequisite:	Integrated Math 2 or Consent of Instructor	Open to:	11-12

Integrated Math 3 reinforces and develops the topics covered in the other two integrated courses. Additional topics in this class include conic sections, quadratic and polynomial expressions and equations, and matrices.

Algebra II  
(02056)

MAALG2	RC	Credit:	1
Prerequisite:	Geometry or instructor's consent	Open to:	10-12

Algebra II is in part an extension of the Algebra I courses, taking many of the same topics and exploring them more carefully. Some of the topics covered are: systems of equations, rational and irrational equations, logarithms, trigonometry, circular functions, and matrix algebra.

Geometry  
(02072)

MAGEOM	RC	Credit:	1
Prerequisite:	Algebra I	Open to:	9-12

Geometry deals with the ideas of Geometry from its language to the use of the deductive proof and the logic needed to reason deductively. It introduces the theorems, corollaries, and postulates as necessary tools for making deductive conclusions about quadrilaterals, triangles, circles, and other geometric figures. It introduces coordinate geometry and transformations.

Pre-Calculus  
(02110)

MAPCAL	RC	Credit	1
Prerequisite:	Algebra II	Open to:	11-12

Pre-Calculus is a full year course that prepares students for college level Calculus. We will study algebra in more depth along with introducing analytic geometry and trigonometry. Some of the topics covered include: trigonometric functions, vectors, polar coordinates, conic sections, logarithmic functions, limits, and derivatives. A graphing utility will be used to explore many of the concepts.

AP Calculus AB  
(02124)

MACALC	RC	Credit:	1
Prerequisite:	Pre-Calculus	Open to:	11-12

This course provides a thorough coverage of differential calculus, including functions, limits, continuity, the derivative, rules of differentiation, the mean-value theorem, implicit differentiation, as well as applications to graphing and problems of maxima-minima and related rates. The course concludes with an introduction to integral calculus, including anti-derivatives, the definite integral, and the fundamental theorem of calculus, including techniques of integration, improper integrals, and the application of the definite to problems of area and volume. A graphing calculator will be used to explore many of the concepts. Students who take AP Calculus will have the opportunity to receive college credit, advanced placement, or both, by taking the AP exam in the spring.

Statistics and Probability  
(02205)

MASTAT	RC	Credit:	1
Prerequisite:	Algebra I, II and Geometry	Open to:	11-12

This course is designed to introduce the methods used in the field of applied statistics. It relies extensively on real-world situations, critical analysis, and interpretation of graphs and data. Students will be expected to analyze and write detailed descriptions and interpretations about graphs, data, and procedures.



## MUSIC

Band RHS

(05101)

MUBAND

R

Credit:

1

Prerequisite:

Open to:

9-12

High School Band is a year-long course that explores instrumental music from a wide variety of cultures and time periods. Students will learn to understand and appreciate music while learning to perform music on a musical instrument. Students will also gain experiences which will assist in their development of skills such as creativity, collaboration, communication and critical thinking. Students in Band are expected to participate in weekly lessons and a variety of performances throughout the year, including concerts, parades, marching band and pep band.

Chorus

(05110)

MUCHOR

R

Credit:

1

Prerequisite:

None

Open to:

9-12

This is a year-long course that explores choral music from a wide variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, music theory, and music history. Students in Choir are expected to participate in 3 evening concerts throughout the year as a major part of their grade as well as weekly lessons.



## Physical Education (1.5 credits required)

### Physical Education 9

(08001)

PE09 RC Credit: 1/2 (max) semester one or two daily

Prerequisite: None Open to: 9

First year students will be participants in programs leading to a wholesome, healthful lifestyle through sports and exercise. Group, individual, and co-education activities are included in the program. Students will receive physical fitness training plus instruction in a wide range of sports from football, soccer, badminton to floor hockey and weightlifting.

### Lifetime Activities

(08039)

PEALD RC Credit: 1/2 (max) semester one or two daily

Prerequisite: Successful completion of P.E. 9 Open to: Grade 10-12

This course offers a variety of activities meant to meet the needs of the individual. Through self-awareness, goal setting, and skill improvement in individual and partner activities, students will develop a desire to pursue recreational activities. Units include, but are not limited to walking, yoga, biking, pickleball, weight training, outdoor activities.

### Team Sports

(08001)

PETMSP RC Credit: 1/2 (max) semester one or two daily

Prerequisite: Successful completion of P.E. 9 Open to: Grade 10-12

The emphasis with this course is on advanced skill development and team concepts such as teamwork, sportsmanship, and strategy. The ability to work with others and accept differences are essential. Units include a variety of traditional and nontraditional sports that include but are not limited to soccer, ultimate frisbee, flag football, speedball, net games, basketball, floor hockey, volleyball, softball, golf, softball, nerf games.

### Weight Training

(08009)

PEFWG RC Credit: 1/2

Prerequisite: NONE Open to: 10-12

Weight Training is a weight training course designed to introduce lifting weights as a lifetime activity. This class is geared towards beginners. Students will learn the basic form and safety measures associated with the main compound movements of weight lifting along with participating in many new exercises that train the various muscle groups.

### Coaching and Officiating

(08018)

PECOA RC Credit: 1/2 semester 1

Prerequisite: PE9 Open to: 11-12

The Coaching and Officiating course is designed for high school students interested in developing skills in sports leadership, coaching, and officiating. Over the semester, students will explore the fundamentals of coaching techniques, game strategies, player development, effective communication with athletes, as well as rules knowledge and application. In addition, they will gain a comprehensive understanding of the rules, regulations, and responsibilities of sports officials, learning the principles of fair play, conflict resolution, and decision-making under pressure.



## Science Requirements (3 credits required)

Year	9th Grade	10th Grade	11th -12th Grade/Electives
Classes	<ul style="list-style-type: none"> <li>● <b><u>Intro to Physics &amp; Chemistry</u></b></li> </ul>	<ul style="list-style-type: none"> <li>● <b><u>Biology</u></b></li> </ul>	<ul style="list-style-type: none"> <li>● Environmental Science</li> <li>● Chemistry I</li> <li>● Medical Term/Biotechnology</li> <li>● CAPP/AP Biology</li> <li>● Human Anatomy &amp; Physiology</li> <li>● Forensic Science <b>or</b></li> </ul>
*Other Approved Science Electives **(See notes below)			<ul style="list-style-type: none"> <li>● *Plant Science</li> <li>● *Animal Science</li> <li>● *Horticulture</li> <li>● *Small Animal Care &amp; Management</li> </ul>

\*Graduation requirements are one credit Introduction to Physics and Chemistry lab course, one credit Biology, and one credit other science or approved elective. (3 credit minimum)

\*\*These other approved electives are accepted by RHS as third year science. **They may not be accepted as science credit by Wisconsin colleges and vocational programs.** Check with the schools that you are considering. Check with the school counselor and the high school science teachers to be sure of appropriate credit for post-secondary plans before signing up for the courses. To meet college and university admission requirements, students must have three credits of science taught by a science teacher. More than one science course may be taken in grades 10-12; although some courses are prerequisites for others (see course descriptions).

## Science

### Introduction to Physics & Chemistry

(03021)

SCIPC RC Credit: 1

Prerequisite: None Open to: 9

Introduction to physics and chemistry is a first year course in the physical sciences, the study of the interaction of matter and energy in our world. Students will be involved in general learning skills of observation, reasoning, experimental techniques, laboratory experiences, analyzing data, and communication. Basic chemistry will include the structure of the atom, chemical compounds and applications of chemistry. Basic physics will include the study of forces, motion and the various forms of energy. The basic goals of the course are a better understanding of the interactions of physical science, technology and our society, and the development of physical science lab skills.

### Biology

(03051)

SCIBIO RC Credit: 1

Prerequisite: Intro. to Phys/Chem Open to: 10-12

Biology is a survey course of the biological sciences--the processes of life and the interactions of living things. Topics include basic life processes, systems of classification, and technology advances in the study of genetics. There will be laboratory

activities to include dissections, models and applications of other sciences to biology. The basic goal of this course is to develop a better understanding of the interactions of biological science, technology and society.

#### Environmental Science

(03001)

SCIECO	RC	Credit:	1
Prerequisite:	Intro. to Phys/Chem	Open to:	10-12

Environmental Science is an interactive, hands-on, and student-centered course studying the major environmental issues in modern society. units cover the four spheres of the earth (lithosphere, hydrosphere, atmosphere, biosphere), and human impacts on the environment.

#### Chemistry I

(03101)

SCICH1	RC	Credit:	1
Prerequisite:	Algebra I	Open to:	10-12

Chemistry prepares the student for college level chemistry through basic concepts, theories, and models. Topics will include atomic models, mathematical analysis, using the periodic table, chemical reactions expressed in formulas and equations, and the energy relationships in chemistry. The student will continue to develop a background in basic chemistry and participate in developing skills in problem-solving, theory building, modeling, and relating science to technology as applied in our society. Chemistry I is open to grade 10 concurrent with biology if the Algebra prerequisite has been met

#### CAPP/AP Biology

(03052)

SCIAB	RC	Credit:	1
Prerequisite:	Phys/Chem and Biology	Open to:	11-12

**\*\*College credit opportunities through College Board (0-10 credits) or UW-Oshkosh (4-5 credits)\*\***

AP Biology/Biology 105 is designed to be the equivalent of a college introductory Biology course. Textbook used, range and depth of topics, and the level of laboratory work will be at a college level. This course aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. \*College credits (5) are given by UW-Oshkosh for CAPP students earning a "C" grade or higher.

**\*\*AP college credit is granted with the passing of the National Board Assessment in the Spring.**

#### AP Chemistry

(03106)

SCICH2	RC	Credit:	1
Prerequisite:	Chemistry I & Algebra II	Open to:	11-12(recommended & consent of instructor)

AP Chemistry is a year-long course in advanced chemistry concepts equivalent to the general chemistry course usually taken during the first year of college. This academic course studies matter and changes matter undergoes. Topics of study include, but are not limited to, structure of matter, states of matter, reactions, descriptive chemistry, and chemical calculations. Students taking AP Chemistry have the opportunity to receive college credit, advanced placement, or both, by taking the AP exam in the spring.

#### Astronomy

(03004)

SCIASTR	RC	Credit:	1
Prerequisite:	Phys/Chem and Algebra I	Open to:	10-12

The purpose of this course is to enable students to develop and apply knowledge of the universe and compare the conditions, properties and motions of bodies in space. Emphasis shall be placed on concepts basic to Earth, including materials, processes, history and the environment. This course introduces you to the composition and structure of the universe. Astronomy is the scientific study of the contents of the entire Universe. This course will provide the student with a study of the universe and the conditions, properties, and motions of bodies in space. The content includes, but is not limited to historical astronomy, astronomical instruments, the celestial sphere, the solar system, the earth as a system in space, the earth/moon system, the sun as a star and stars.



## Physics

(03151)

SCIPHY

RC

Credit:

1

Prerequisite:

Algebra II & Geometry

Open to:

11-12

Physics is the study of matter and its interactions. The student is introduced to the laws of physics, which allow one to gain understanding of the world and the universe at large. Some areas that will be studied are mechanics (motion), electricity and magnetism, the structure of matter, heat and light. Students will apply the concepts and laws of physics to problem-solving and lab work.

## AP Physics

(03165)

SCIPAP

RC

Credit

1

Prerequisite:

See Below

Open to:

11-12

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound. AP Physics 1 is a full-year course that is the equivalent of a first-semester introductory college course in algebra-based physics.

Inquiry-based laboratory experiences support the AP Physics 1 course and AP Course Audit curricular requirements by providing opportunities for students to engage in the seven science practices as they design plans for experiments, make predictions, collect and analyze data, apply mathematical routines, develop explanations, and communicate about their work.

Students should have completed Geometry and be concurrently taking Algebra II or an equivalent course. Although the Physics 1 course includes basic use of trigonometric functions, this understanding can be gained either in the concurrent math course or in the AP Physics 1 course itself.

## Human Anatomy & Physiology

(03053)

SCIAP

RC

Credit:

1

Prerequisite:

Biology/Chemistry I  
recommended

Open to:

11-12

Students will explore the relationships of structure and function in the human body. The course begins with the microscopic level (cells and tissues) and ends with the macroscopic level (organ systems). The students will continue and expand upon their use of the microscope and dissection techniques. The students will also be required to use medical terminology so that they better understand and relate the information to real life. Problem solving strategies are further developed as students are asked to make a diagnosis based on the knowledge gained from discussion and laboratory exercises

## Forensic Science

(15055)

SCIFSD

RC

Credit:

1

Prerequisite:

Phys/Chem and Biology

Open to:

11-12

Forensic Science is an introduction to the science of crime scene investigation. The course integrates the applications of biology, chemistry, physics, environmental science and computer science to explore the field of criminalistics. Students will also perform historical case studies and survey careers in Forensic Science. Laboratory activities will give students the opportunity to demonstrate forensic science techniques presented in lectures.

## Medical Terminology (Fall semester only)

(14154)

SCIMDT

RC

Credit:

1/2

Prerequisite:

Biology

Open to:

11-12

**\*\*Dual credit with Madison College (3 credits)**

The focus in this course is on communication using the medical language. Students practice formation, analysis and reconstruction of medical terms. Component parts of medical terms including word roots, prefixes and suffixes are

emphasized. Terms are classified by the structural organization of the body. Both the written and spoken formats for using language will be addressed including work donstruction, definition, spelling and pronunciation of medical terms and interpretation of written materials. The course introduces operative, diagnostic, therapeutic and symptomatic terminology of all body systems as well as systemic and surgical terminology.

Health Occupations **(Spring Semester only-Offered even years beginning with 2023-2024 school year)**

(14299)

SCIHOC	RC	Credit:	1/2
Prerequisite:	Biology	Open to:	11-12

This course is an introduction to the careers available in health care. Emphasis on communication skills, job qualifications, educational requirements and career opportunities for the numerous health care professions.

Biotechnology **(Spring Semester only-Offered odd years beginning with 2024-2025 school year)**

(14252)

SCIBTC	RC	Credit:	1/2
Prerequisite:	Biology	Open to:	11-12

Provides a broad introduction to biotechnology including the scientific basis of the technologies and their historical development with an emphasis on current applications in the areas of agriculture, medicine, forensics and the environment. Includes a discussion of national, state and local biotechnology industries, career options, the ethical, legal and societal issues raised by the use of biotechnology and the regulatory agencies that oversee the industry.

\*This course is only offered in the Spring

\*\*Madison College issues 2 credits for students earning a "C" grade or higher



Government & Public  
Administration



Law, Public Safety,  
Corrections  
& Security

## Social Studies

### World History/Geography

(04052)

SOCWOR

RC

Credit:

1

Prerequisite:

None

Open to:

9-10

In this course we will investigate the diverse countries and cultures of today. As our world becomes more connected, this class brings awareness of the various histories, governments, arts, literature, music, geographies, and religions of different countries in the world to students. Students will study various countries from Asia, Europe, Africa, Australia, and South America. Students will discover how various civilizations interacted and influenced each other through economic exchange, military conquest, and cultural assimilation. Particular emphasis is placed on students' understanding and applying of geographic concepts and skills to their daily lives. Besides content, students will learn a number of critical thinking and writing skills relevant to history and other disciplines.

### U.S. History

(04102, 04103)

SOCUSH

RC

Credit:

1

Prerequisite:

None

Open to:

10-11

This course is a survey of American history, spanning from Pre-Columbus America to the present. The first semester will go up until roughly 1900, focusing on the creation of America as a country and its expansion. The second semester will run to the present, focusing on the emergence of the U.S. as a world power through the Cold War era and beyond. In each unit, students will learn about politics, social issues, foreign policy, and everyday life. Students will learn through lectures, simulations, analyzing primary and secondary sources, synthesizing answers to Document Based Questions (DBQs), and more.

### American Government & Civics

(04064)

SOCAI

RC

Credit:

1

Prerequisite:

None

Open to:

11-12

The goal of American Issues is to prepare students for their future lives as civic actors. Students will learn about how the government functions, as well as how the American government and political system works (or doesn't work). Other topics include how elections work, how to vote in elections, and how students can contact their representatives and lawmakers. This class will prepare students to pass the state-mandated Civics Exam in the Spring. Students will also use simulations, debates, and interactive games to learn about the topics as well as keep up with current events in the United States.

### AP Psychology

(04256)AP

SOCAPP

RC

Credit:

1

Prerequisite:

None

Open to:

11-12

This class provides an opportunity to learn how to get along better in the world as individuals and the science of man living and working together in groups. Over the course of this class, we will study the cognitive processes of and the behavioral interactions between organisms. Any students interested in careers in therapy or counseling are highly recommended to take this course. Topics studied include psychological fields, biology of psychology, human development, mental illness, and psychological treatments. Students will be prepared to take the AP Psychology test by the end of this class.

Micro/Macro Economics  
(04201)

SOCECO

RC

Credit:

1

Prerequisite:

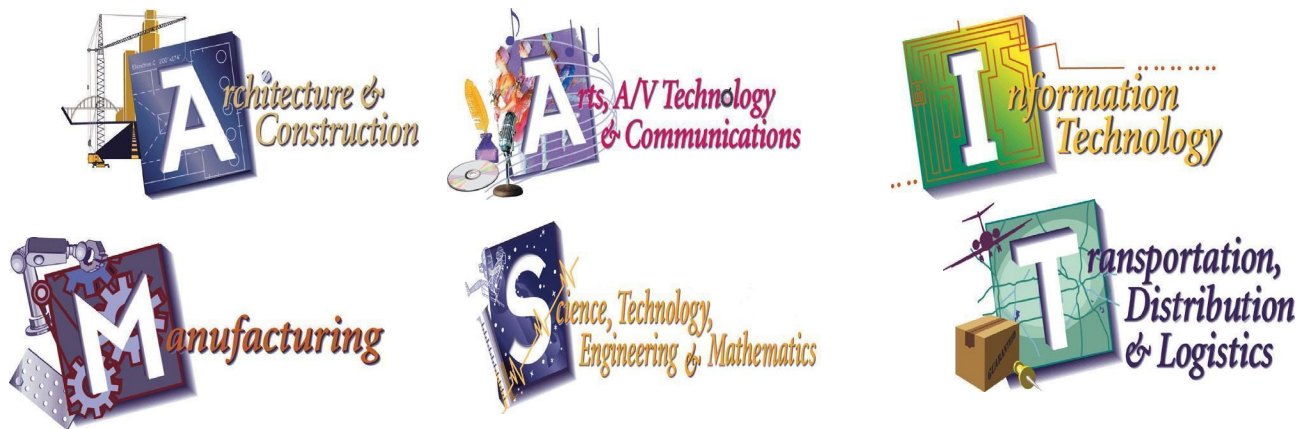
Algebra I

Open to:

11-12

Microeconomics examines the roles of consumers, businesses, and the government in the economy. This course focuses on markets. Competition within product & factor markets and the structure of markets are key areas of study in microeconomics. Microeconomics places an emphasis on graphing economic relationships, basic accounting principles, and mathematical correlations within an economy. Microeconomics provides students with a learning equivalent to that obtained in a typical college introductory microeconomics course. Microeconomics gives students the tools to understand fundamental business principles, the roles of supply and demand in markets, and the basic framework for why some businesses succeed and others fail.

Macroeconomics covers the “big picture” of the U.S. economy as well as the historical development of economic theory. Macroeconomics places an emphasis on understanding economic indicators with the business cycle, the roles of institutions, and international trade & finance. Macroeconomics provides students with a learning equivalent to that obtained in a typical college introductory macroeconomics course. Macroeconomics gives students the tools to understand when an economic expansion or contraction may occur, how a change in interest rates can impact consumer behavior, and a basic framework for analyzing whether or not policymakers are making good fiscal and monetary decisions.



## Technology Education

### Introduction to Technology and Engineering (21003 CTE)

TEEXP	RC	Credit:	1
Prerequisite:	None	Open to:	9-12

Introduction to Technology and Engineering is designed to provide participants with a foundational understanding of the principles underlying Technology and Engineering. Through various activities, students will develop knowledge and skills related to different technology systems. Key areas of study will encompass manufacturing systems, communication systems, transportation systems, construction systems, and engineering processes.

### Introduction to Computer Aided Drafting (21102 CTE)

TEDR	RC	Credit:	1/2 (1 <sup>st</sup> semester)
Prerequisite:	None	Open to:	9-12

This course is designed to teach students the important skills necessary to design and draw two dimensional objects using manual drafting tools and computer design software. The student will learn basic concepts in orthographic projections, auxiliary views, isometric pictorials, section views, basic blueprint reading and the proper rules and standards that comply with the industry.

### Introduction to CAD Architectural (21102 CTE)

TEAR	RC	Credit:	1/2 (2 <sup>nd</sup> semester)
Prerequisite:	None	Open to:	9-12

This course will introduce students to the basic information necessary for planning and designing residential structures using a variety of Autodesk applications.

### Robotics (21053 CTE)

TERO	RC	Credit:	1/2 (2 <sup>nd</sup> Semester)
Prerequisite:	None	Open to:	10-12

This course will introduce students to basic robotic systems. Students will explore these systems and have the opportunity to design, construct, operate, and apply robotic concepts using the VEX robotic system.

### Solid Modeling Basics (21059 CTE)

TEMO	RC	Credit:	1/2 (1 <sup>st</sup> Semester)
Prerequisite:	None	Open to:	10-12

This course will introduce students to 3D solid modeling. Students will explore SolidWorks, a mechanical design application that allows designers to sketch, experiment, and run simulations using a variety of engineering techniques. Students will produce models, assemblies, and detail drawings using proper techniques and standards that comply with the industry.

Video Production  
(10203 CTE)

TEVP	RC	Credit:	1/2(1 <sup>st</sup> semester)
Prerequisite:	None	Open to:	9-12

This course is designed to introduce students to the basic skills and techniques of digital video production. Students will become familiar with skills necessary to design, shoot, and edit video into a finished presentation. Laboratory activities will include planning and producing still picture, promotional, educational, and entertainment productions.

Communications  
(10202 CTE)

TEGCC	RC	Credit:	1/2(2 <sup>nd</sup> semester)
Prerequisite:	None	Open to:	9-12

This course is designed to introduce students to the many areas of communication technology and the different media/technologies found within. Students will experience many hands-on activities pertaining to digital photography, graphic design, screen printing, laser printing, internet communication and desktop publishing. Students will also experience a variety of software including Adobe PhotoShop and InDesign and Corel Draw. Students may have to purchase materials for projects.

Welding  
(13207 CTE)

TEWLD	RC	Credit:	1/2 (1 <sup>st</sup> semester)
Prerequisite:	None	Open to:	10-12

This course will introduce students to basic SMAW, and GMAW welding processes. Students will develop skills on all types of joints in the flat and horizontal positions while also being introduced to other relevant metal working processes.

Home/Automotive/Small Engine Maintenance  
(21999 CTE)

TEHAS	RC	Credit:	1/2 (2 <sup>nd</sup> semester)
Prerequisite:	None	Open to:	10-12

This course is designed to provide students with the knowledge to make economic decisions and take preventative measures relating to home, automotive, and small engine ownership experience. Basic repair opportunities will be explored and completed in a laboratory setting.

Woodworking Processes  
(13054 CTE)

TEWP	RC	Credit:	1 (two-period course – 1 <sup>st</sup> semester)
Prerequisite:	Intro. to Tech & Engineering or consent of instructor	Open to:	10-12

Woodworking Processes will introduce and provide the student with information about wood products, and proper woodworking procedures. Safety, care, and proper methods of use of hand tools, portable power tools, and stationary woodworking equipment will be emphasized. Students will construct a number of mandatory assignments and be given the opportunity to construct an approved cabinetry project of their choice. Students must purchase materials for their projects.

Building Trades  
(13053 CTE)

TEBT	RC	Credit:	1 (two-period course - 2 <sup>nd</sup> semester)
Prerequisite:	Intro. to Tech & Engineering, Woodworking Processes or consent of instructor	Open to:	10-12

Students will be working within the school and community to complete building projects that are beneficial to the individual or community as a whole. Students will work in all phases from planning to constructing, to masonry work, wiring and finish work. Students taking this class will learn about building trades while having the opportunity to work on a variety of job sites ranging from new construction to remodeling old.



## World Languages

**\*Upon entrance to Randolph High School (as a freshman or by transfer) a placement exam may be used to determine the appropriate course level. Students must pass the exam with 80% or higher to advance to the next course level.**

### Spanish I

WORSP1

(24052)

RC

Credit:

1

Prerequisite:

None

Open to:

9-11

This course is designed for students of all backgrounds and aspirations, with a focus on developing skills and using the language to accomplish specific tasks. The most crucial of vocabulary is introduced, and students learn the basics of sentence structure in order to express themselves. Additionally, there are many cultural practices introduced so students can become more aware global citizens.

### Spanish II

(24053)

WORSP2

RC

Credit:

1

Prerequisite:

Passing grade in Spanish I

Open to:

10-12

While still designed for all students, vocabulary becomes more specialized to the situation and grammar structures become more complex, all while continuing to focus on skills. Most notably, students will learn how to narrate things that happened in the past. Students will begin reading more developed texts and expressing themselves in complete sentences.

### Spanish III

(25054)

WORSP3

RC

Credit:

1

Prerequisite:

Passing grade in Spanish II  
and teacher recommendation

Open to:

11-12

At this level, students are assumed to have a high interest in the subject matter, and will learn new grammatical structures and verb tenses at a quicker pace. The teacher will use significantly more Spanish during the class, and students will write developed paragraphs to express themselves. Tasks have increased in complexity, requiring more nuanced responses.

### Spanish IV

(24055)

WORSP4

RC

Credit:

1

Prerequisite:

Passing grade in Spanish III  
and teacher recommendation

Open to:

12

This class is designed to prepare students should they wish to take a college placement, though all students benefit from the rigorous nature of the content. Units are designed around authentic texts by Hispanic authors with related cultural and historical themes. Students will provide and defend opinions, and show a mastery of all major tenses while having more input on their learning process.

