

Description of Course: Agricultural Leadership prepares students to develop and apply leadership skills within the food, fiber, and natural resources industries. Through classroom instruction, FFA involvement, and Supervised Agricultural Experience (SAE) projects, students will strengthen their communication, decision-making, teamwork, and problem-solving abilities while gaining real-world leadership experience.

Main Course Concepts/Skills/Topics to be taught:

- Human relationships and effective communication
- Decision-making and problem-solving strategies
- Leadership qualities, roles, and styles
- Team leadership and successful group collaboration
- Managing volunteers and projects
- Ethical and multicultural leadership practices
- Planning and executing FFA officer initiatives
- Integration of classroom instruction, FFA, and SAE for leadership growth
- Career exploration in agriculture and related industries

Any estimated costs:

- ~\$250 for leadership book



Geneseo High School- New Course Proposal

State Course Code: **04151A000**

Name of Course: American National Government - Dual Credit (one semester)

Targeted Grade Level/s and Students: 11th

Any Prerequisites: No - However, recommended AP US History or completed regular US History with a B+ or better. Students are required to purchase an online textbook for this class.

Is this course an elective? - No - Option for Government Requirement

Rationale for the new course: Offering Dual Credit American Government (POLS 122) gives students the chance to earn both high school and college credit while developing a deeper understanding of U.S. government, constitutional principles, and civic engagement. The course builds college readiness, provides transferable credit, and supports our goal of expanding rigorous opportunities that prepare students for success beyond high school.

Description of Course: Examines the development and operation of the U.S. national system of government; evolution of the Constitution; the organization, powers, and functions of the three branches of government; the practice and limitations of American politics; and the interrelationships with state and local governments.

Main Course Concepts/Skills/Topics to be taught:

- A. Assess the constitutional framework of the U.S. national government
- B. Identify the civil liberties and civil rights guaranteed by the Bill of Rights
- C. Appraise the effectiveness of the legislative, executive, and judicial institutions of the U.S. national government
- D. Compare and contrast various models of federalism/intergovernmental relations

- E. Illustrate the interaction of the American people with their national political system through political parties, interest groups, and the mass media.
- F. Appraise elections as a cornerstone of political participation in a democracy as well
- G. Evaluate the threat posed by fascism to American democracy
- H. Demonstrate political analysis through written and/or oral work.
- I. Demonstrate a respect for diverse political cultures as participants in the American political system.

Any estimated costs: \$30 per credit hour plus textbook/materials fee. *This will automatically be billed to the student's Black Hawk account.*



Geneseo High School- New Course Proposal

Name of Course: Basic Art

Targeted Grade Level/s and Students:

9-12. This class would be for students in special education who are not able to handle the pace and work load of the general education art classes.

Is this course an elective? yes

Rationale for the new course:

Individuals within the Life Skills and Cross-Categorical special education have a challenging time with the vocabulary, expectations and intensity the general education art classes entail. The Geneseo Middle School currently offers an Adapted Art for individuals that require instruction to be at a slower pace, with simplified projects. This course would allow students within the special education department to explore different types of art and socialize with individuals from different classes.

Description of Course:

This course would focus on smaller units that touch the vocabulary and projects that the general education art classes cover.

Unit Names:

Drawing
Painting
Clay/Sculpture work
Holiday (cultural) projects
Weaving

Main Course Concepts/Skills/Topics to be taught:

Drawing

Basic shapes and lines (foundation of all drawing)
Shading and texture (light vs. dark, smooth vs. rough)
Perspective and space (foreground vs. background, near vs. far)
Portraits and self-expression (faces, emotions, identity)
Still life (observing and drawing objects)
Using different drawing tools (pencils, markers, crayons, charcoal)

Painting

Primary and secondary colors (color mixing)
Warm vs. cool colors (moods and feelings)
Brush techniques (stippling, dry brush, blending)
Painting styles (abstract vs. realistic)
Painting on different surfaces (paper, canvas, wood)

Clay

Basic clay techniques (rolling, pinching, coiling, slab)
Building 3D forms (animals, bowls, figures, etc.)

Holiday

Exploring holidays from different cultures (Christmas, Diwali, Hanukkah, Lunar New Year, Día de los Muertos, etc.)
Symbolism in art (how colors/shapes represent traditions)
Crafts connected to traditions (ornaments, lanterns, masks, cards)
Team projects (murals, decorations)
Respect and appreciation for cultural diversity

Weaving

Paper weaving to learn patterns
Yarn weaving on simple looms (cardboard looms, hoops, sticks)
Color and pattern choices
Texture exploration (different yarns, fabrics, fibers)
Functional art (placemats, bookmarks, wall hangings)

Any estimated costs:

Students will pay a beginning of the year fee of \$20(to go into a fund for the class)
Consumable supplies \$150.00(construction paper, glue, etc.)
Most materials needed will be provided by the Art Department



Geneseo High School- New Course Proposal

State Course Code: **20099A001**

Name of Course: Drone Operation and Maintenance

Targeted Grade Level/s and Students: 11th & 12th

Any Prerequisites: None but students may need to be interviewed and/or application process to be selected. Students interested in going into this field will get preference.

Is this course an elective? - yes

Semester or Year Long- Year Long Course

Rationale for the New Course:

Drone technology is rapidly transforming industries from agriculture to public safety, opening up new career opportunities. This course gives students hands-on experience in safe flight operations, maintenance, and FAA regulations while preparing them for the FAA Part 107 certification. The drone industry is projected to grow significantly between 2025 and 2030, creating tens of thousands of new jobs in fields such as agriculture, infrastructure inspection, logistics, and emergency services. By 2029, the FAA expects more than 522,000 registered remote pilots, reflecting the rising demand for skilled UAS professionals. Offering this course ensures our students gain practical skills and credentials that lead directly to high-demand careers.

Description of Course: This course introduces students to the fundamentals of drone technology and unmanned aircraft systems (UAS). Students will learn safe flight operations, drone assembly and maintenance, aerial imaging, and FAA regulations through interactive lessons, simulations, and hands-on practice. The course also prepares students for the **FAA Part 107 Remote Pilot Certification**, giving them the opportunity to earn a nationally recognized credential. Designed to be engaging and accessible, the course connects classroom learning to real-world applications in fields such as agriculture, media, public safety, and infrastructure.

Curriculum: [Drone Launch Academy](#)

Modular (Unit) Names:

Drone Technology and Flight Fundamentals (Unmanned Aircraft System) (9 weeks)

- Overview of the UAS Industry
- Current UAS Applications and Career Pathways
- Future of the UAS Industry
- UAS Platforms and Components
- UAS Flight Fundamentals
- Basic and Advanced Flight Exercises & TRUST Certification
- Final Exam

Commercial Drone Licensure and Part 107 Exam Prep (9 weeks)

- UAS Regulations
- Introduction to the National Airspace
- Reading Sectional Charts
- Radio Communications
- Effects of Weather on Unmanned Aircraft
- Sources of Weather Information
- Loading and Performance
- Airport Operations
- Emergency Procedures, Maintenance, & Inspection
- Physiology
- Aeronautical Decision Making (ADM)
- Final Exam / Part 107 Exam Simulation

Main Course Concepts/Skills/Topics to be taught:

Core Concepts

1. **UAS Industry & Careers** – Overview of drone applications, career pathways, and emerging industry opportunities.
2. **Drone Components & Flight Fundamentals** – Understanding drone parts, systems, controls, and basic to advanced flight operations.
3. **FAA Regulations & Airspace** – Learning Part 107 rules, certification requirements, and safe airspace navigation.
4. **Flight Planning & Safety** – Reading sectional charts, understanding weather impacts, and applying airport operations procedures.
5. **Emergency Procedures & Maintenance** – Conducting inspections, responding to emergencies, and ensuring drone airworthiness.
6. **Pilot Decision Making & Professional Readiness** – Applying aeronautical decision-making, human factors, and preparing for FAA Part 107 certification.

Skills:

1. Safely operate drones and perform basic to advanced flight maneuvers.
2. Assemble, maintain, and troubleshoot UAS components.
3. Apply FAA regulations and prepare for TRUST and Part 107 certification.
4. Plan flights, read sectional charts, and navigate airspace safely.
5. Respond to emergencies and conduct pre-flight and post-flight inspections.
6. Apply decision-making, analyze mission data, and communicate professionally using aviation protocols.

Commercial Drone Licensure Exam - At the end of the course students will be prepared to take the FAA Commercial Drone Licensure Exam. (offsite exam and cost)

Estimated costs:

- \$195 dollars per student to enroll in the online curriculum -~15-20 students
 - **\$3,900 per year (recurring cost per year)**
- Holy Stone HS190 Foldable Mini Drone (\$25 per unit x 20 units)
 - **\$500** one time fee
- DJI Mini 2 Fly More Combo –GPS drone - 4K, can also use for mapping (\$623 X 3 units)
 - **\$1,869** one time fee.
- DJI Tello Drone- Coding Drones (\$160 dollars x 3 units)
 - **\$480** one time fee.
- DJI Matrice 4T Public Safety & Rapid Response Kit (Thermal and zoom Camera)
 - **\$8,000** one time fee
- Professional Development For Mr. Bess plus 107 Exam Cost
 - **\$200** -8 hours of PD X \$25 per hour. - one time fee
 - **\$175** dollars to take 107 Exam- one time fee.

Total Estimated Costs For Start-Up- **\$15,124 (writing a grant to cover start up costs)**

Recurring Costs per year- \$3,900 for curriculum access for students and teacher.



Geneseo High School- New Course Proposal

State Course Code: 04254A000

Name of Course: Positive Psychology

Semester or Year Long Course: Semester

Targeted Grade Level/s and Students: 11th and 12th

Any Prerequisites: No

Is this course an elective? Yes

Rationale for the new course: Positive Psychology equips students with practical tools to build resilience, foster well-being, and apply strengths-based strategies in school, relationships, and future careers. Unlike traditional psychology, it emphasizes growth, happiness, and flourishing through topics like gratitude, mindset, leadership, and stress management. By offering this course, the school equips students with lifelong skills that support mental health, leadership, and success in college, careers, and beyond.

Description of Course: This semester course introduces students to the science of well-being, resilience, and human strengths. Students will explore the origins and foundations of positive psychology, learn strategies for growth mindset, gratitude, mindfulness, and stress management, and apply these principles through personal projects. The course also examines leadership styles and how positive psychology can be used to inspire and influence others. Through readings, discussions, and applied activities, students will develop practical skills to enhance their own lives and positively impact their communities.

Unit Names:

1. **Origins of Positive Psychology**
2. **Foundations of Positive Psychology**
3. **Positive Psychology Interventions**
4. **Positive Psychology & Organizational Leadership**
5. **Book Study Project**

Main Course Concepts/Skills/Topics to be taught:

students will explore the foundations of positive psychology, focusing on how to build resilience, strengthen well-being, and apply strengths-based approaches in school, relationships, and future careers.

Key Concepts, Skills, and Topics:

- Foundations of Positive Psychology
 - History and shift from illness-focused to strengths-based psychology
 - Science of happiness: hedonic vs. eudaimonic well-being
 - Human flourishing and PERMA model (Positive emotions, Engagement, Relationships, Meaning, Accomplishment)
- Personal Growth & Well-being
 - Identifying and applying personal strengths
 - Growth mindset development
 - Gratitude practices and mindfulness strategies
 - Resilience-building and stress management techniques
- Leadership & Collaboration
 - Transactional vs. transformational leadership
 - Applying positive psychology to teamwork and organizations
 - Leadership skills through projects and real-world scenarios
- Application & Lifelong Skills
 - Book study projects and reflective applications

- Practical strategies for academic success and mental health
- Skills that prepare students for leadership, college, careers, and beyond

Any estimated costs:

- Minimal- Supplementary Books/Materials- ~\$200

[Curriculum Map](#)