

JENNINGS SENIOR HIGH SCHOOL

COLLEGE & CAREER PREPARATORY ACADEMY

Academy Course Sequence

STEAM is an acronym for **Science, Technology, Engineering, the Arts and Mathematics**. The idea of emphasizing these subjects in delivering the curriculum has been driven by the business community, with the goal of preparing an agile and competitive workforce where students have the opportunity to be **NAFTrack Certified graduates**. STEAM skills are vital for success in the 21st century and critical to our collective future.

Academy of Engineering (PLTW: Engineering: E)

1. PLTW: Intro to Engineering Design
2. PLTW: Principles of Engineering
3. PLTW: Civil Engineering & Architecture
4. PLTW: Engineering Design & Development

Academy of Health Sciences (PLTW: Biomedical Science: S)

1. PLTW: Principles of Biomedical Science
2. PLTW: Human Body Systems
3. PLTW: Medical Interventions
4. PLTW: Biomedical Innovations
5. **Health Careers Exploration (second semester implemented in PE classes) *NAF**
6. **Global Health (semester — junior or senior level only) *NAF**
7. **Anatomy & Physiology (Foundations of Anatomy & Phys I Curriculum: semester) *NAF**

Certifications: *Pharmacy Technician, Life Science Lab Assistant or Certified Nursing Assistant*

Academy of Arts (Liberal or Fine Arts: A)

Drawing

1. Art I (semester)
2. Art II (semester)
3. Ceramics (semester)
4. Drawing & Painting (semester)
5. Studio Art (year)
6. Animation (year)
7. **Digital Video Production (semester) *NAF**
8. **Web Design (semester) *NAF**
9. **Graphic Design (semester) *NAF**

Vocal

1. Concert Choir (year)
2. Vocal Ensemble (year)
3. Piano (semester)

Theatre/Dance

1. Theatre Art (semester)
2. Modern Music (semester)
3. Drama (semester)
4. Band (year)
 - Instrumental Music
 - Advanced Band
 - Orchestra

Academy of Finance

1. **Personal Finance (semester) *NAF**
Principles of Finance (sophomore year)
2. **Accounting (year) - Principles of Accounting (first semester), Managerial Accounting (junior year) *NAF**
3. **Entrepreneurship (year) *NAF**
4. **Business in a Global Economy inserted in Contemporary Issues (semester) *NAF**
5. **Professional Ethics *NAF (junior year)**
6. JAG (year)
7. NFE (Curriculum: Own Your Own Future) Implemented in Marketing & Computer Applications

Certifications: *Microsoft Technology Associate (MTA), MOS-Word, MOS-Powerpoint, Internet Core Competency Certification*

Academy of Information Technology

1. **Computer Applications *NAF**
Principles of IT (freshman first semester)
2. **Digital Video Production - add a new course or implement into Computer Applications *NAF (freshman second semester)**
3. **Computer Applications II: Introduction to Business *NAF**
Graphic Design (semester) (sophomore year)
4. **Web Design (year) *NAF**
(first semester sophomore year)
5. **Professional Ethics *NAF (junior year)**

Academy of Education

1. Career & Family Leadership (semester)
2. Foreign Language (year)
3. Child Development (semester)
4. Teacher Observation (semester)
5. ACT Prep (semester)
6. Dual Credit/Enrollment

Academy of Hospitality & Tourism

1. Nutrition & Wellness (semester)
2. General Foods (semester)
3. Prostart I (year)
4. Prostart II (year)

Certifications: *Prostart*

Academy of College & Careers Industry Certifications

Construction

- Advanced Manufacturing (year)
- Certifications: Construction & Trade

Junior Reserve Officer's Training Corps (JROTC)

- JROTC I (year)
- JROTC II (year)
- JROTC III (year)
- JROTC IV (year)

Health Science

- Pharmacy Tech Certification
- CNA Certification

