

WELCOME!

**Academy Information
&
Jamboree Night**

Dr. Tammy Ridgeway
Director of Secondary Education

Welcome
&
The Academy Model

What is an Academy?



A small learning community

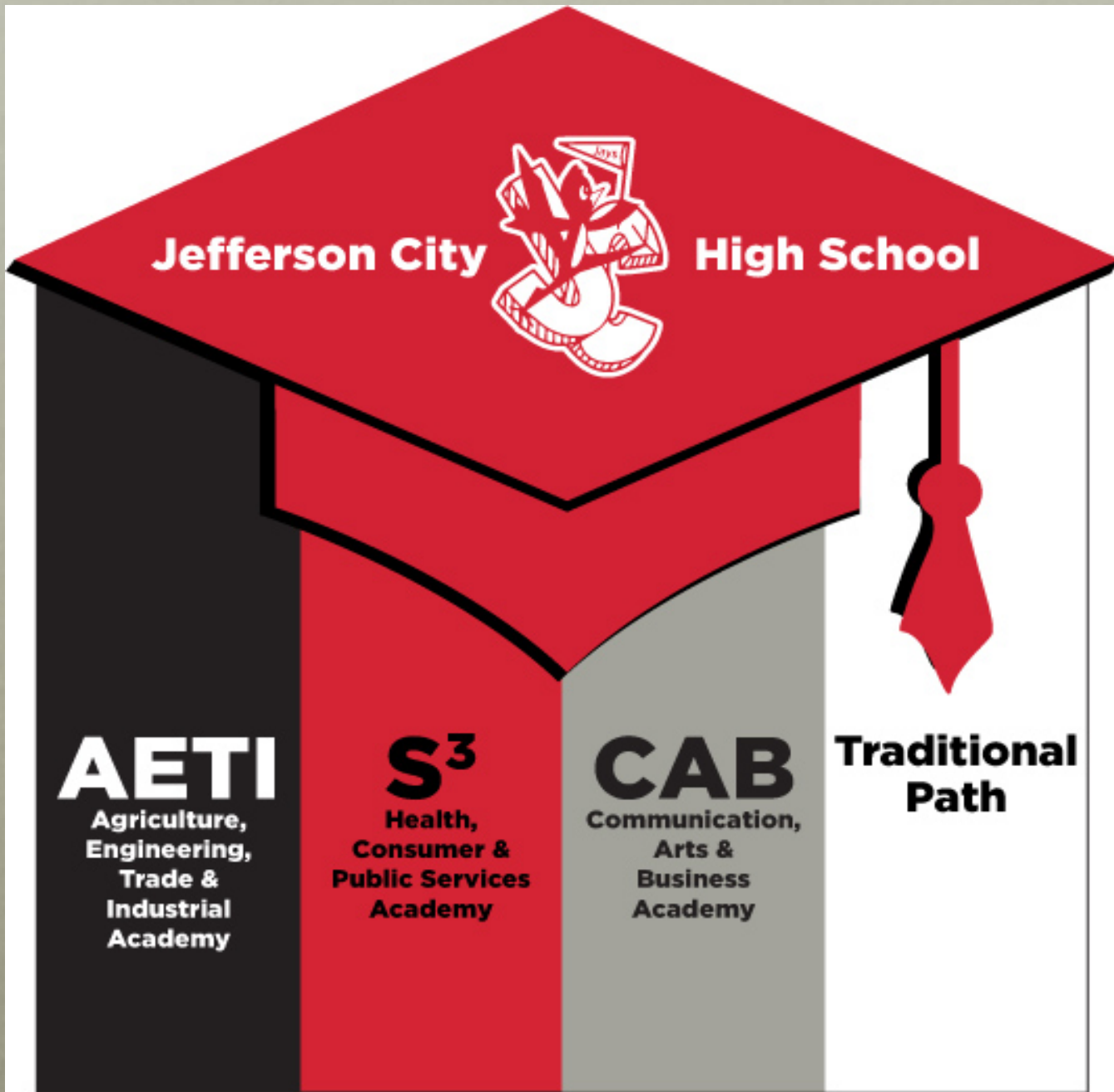


A college preparatory curriculum with a career theme



Business Partnerships

Academy Model



Debbie Strobe

Academy Liaison/Business Coordinator

Student Choices	AETI <i>Agriculture, Engineering, Trade & Industrial Academy</i>	S³ <i>Health, Consumer & Public Services Academy</i>	CAB <i>Communication, Arts & Business Academy</i>	Traditional Path
Programs of Study	Agriculture <ul style="list-style-type: none"> • General Engineering, Trade & Industrial <ul style="list-style-type: none"> • CTE • PLTW • General 	Health Services <ul style="list-style-type: none"> • CTE • PLTW • General Consumer Services <ul style="list-style-type: none"> • CTE • General Public Services <ul style="list-style-type: none"> • General 	Communication <ul style="list-style-type: none"> • CTE • General Arts <ul style="list-style-type: none"> • CTE • Visual Arts • Performing Arts Business <ul style="list-style-type: none"> • CTE • PLTW • General 	General Coursework



Agriculture, Engineering, Trade & Industrial Academy



Agriculture Program of Study

General

Advanced Animal Science	1.0
Ag Business, Sales & Marketing	1.0
AP Biology - Dual Credit	1.0
Conservation of Natural Resources	0.5
Equine Science	0.5

Food Science	0.5
Forest Management	0.5
Foundations of Agriculture, Trade & Industry	1.0
Foundations of Animal & Plant Science	1.0

Horticulture	1.0
Intro to Agriculture	1.0
Principles of Technology II	1.0
Small & Specialty Animals	0.5

Engineering, Trade & Industrial Programs of Study

CTE

Automotive Technology I	4.0
Auto Collision Technology I	4.0
Building Trades I	4.0
Mechatronics I	4.0
HVAC I	4.0
Welding I	4.0
<i>Additional 2.0 credits from PLTW or General Programs of Study</i>	
OR	
Automotive Technology I/II	8.0
Auto Collision Technology I/II	8.0
Building Trades I/II	8.0
HVAC I/II	8.0
Mechatronics I/II	8.0
Welding I/II	8.0

PLTW

Intro to Engineering Design	1.0
Principles of Engineering	1.0
Civil Engineering & Architecture	1.0
Engineering Design & Development	1.0
<i>Additional combination of 2.0 credits from CTE OR General Programs of Study OR the following courses:</i>	
AP Biology - Dual Credit	1.0
AP Calculus AB I	1.0
AP Calculus AB II - Dual Credit	1.0
AP Calculus BC - Dual Credit	1.0
AP Physics A - Dual Credit	1.0
AP Physics B - Dual Credit	1.0
AP Statistics - Dual Credit	1.0
Pre AP Chemistry	1.0

General

Electricity	0.5
Foundations of Agriculture, Trade & Industry	1.0
Metals Technology I	0.5
Metals Technology II	0.5
Principle of Technology II	1.0
Woodworking I	0.5
Woodworking II	0.5
<i>Credits accrued from CTE OR PLTW may be used as part of the 6.0 credits for the General Program of Study</i>	

***Students need 6.0 credits from a Program of Study to receive an Academy Endorsement**

..... (573) 659-3018 Find complete Academy information at: www.jcschools.us



Health, Consumer & Public Services Academy



Health Services Programs of Study

CTE

Health Science	4.0
<i>Additional 2.0 credits from PLTW OR General Programs of Study</i>	

PLTW

Principles of Biomedical Science	1.0
Human Body Systems	1.0
Medical Interventions	1.0
Bio Medical Innovations	1.0
<i>Additional 2.0 credits from CTE OR General Programs of Study</i>	

General

Anatomy & Phys.	1.0
AP Biology - Dual Credit	1.0
AP Psychology - Dual Credit	1.5
Athletic Training & Nutrition	0.5
Human Biology	1.0
Intro to Health Services	0.5
Medical Chemistry	1.0
Medical Phys for Ath. Perf. (A&P, & Sports Medicine)	1.5
Medical Terminology	0.5
PreAP Chemistry	1.0
Psychology	0.5
<i>Credits accrued from CTE or PLTW may be used as part of the 6.0 credits for the General Program of Study</i>	

Consumer Services Programs of Study

CTE

Foods I	0.5
Culinary Arts I/II	4.0
Internship for Culinary Arts	TBD
<i>Additional credits from the General Program of Study to total 6.0 credits</i>	

General

AP Psychology - Dual Credit	1.5
Entrepreneurship A	0.5
Entrepreneurship B	0.5
Foods II	0.5
Interior Design & Decorating	0.5
Intro to Fashion Merchandising	0.5
Intro to Hospitality & Tourism Mngt	0.5
Intro to Human Services	0.5
Marketing	1.0
Psychology	0.5
Sociology I	0.5
Sociology II	0.5
START	1.0
Textile I	0.5
Textile II	0.5
World Foods	0.5
<i>Credits accrued from CTE may be used as part of the 6.0 credits for the General Program of Study</i>	

Public Services Program of Study

General

21st Century Communications	0.5
A+ Tutoring	0.5
AP Comparative Government & Politics - Dual Credit	1.0
AP Psychology - Dual Credit	1.5
Business Law I	0.5
Business Law II	0.5
Child Development	0.5
Children's & Young Adult Literature	0.5
Civil Leadership	0.5
Educational Psychology	0.5
Family Leadership	0.5
Global Studies	1.0
Intro to Human Services	0.5
Intro to Law, Public Safety, Corrections & Security	0.5
Legal Topics	0.5
Legislative Seminar	0.5
Military Leadership - Dual Credit	1.0
Psychology	0.5
Sociology I	0.5
Sociology II	0.5
The School Age Child	0.5

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Communication, Arts & Business Academy



Communication Programs of Study

CTE

Graphic Communications I	4.0
<i>Additional 2.0 credits from General Program of Study</i>	
OR	
Graphic Communications I/II	8.0

General

Broadcast Media I	1.0
Broadcast Media II	1.0
Creative Writing	0.5
Desktop Publishing	0.5
Digital Photography	0.5
Foreign Language IV or AP	1.0
Help Desk	1.0
Interpersonal Communications	0.5
Intro to Media	0.5
Intro to Photography	0.5
Journalistic Prod. - Red & Black	2.0
Journalistic Prod. - Yearbook	2.0
Journalistic Writing	1.0
Speech II	0.5
Video Productions	1.0
Video Productions Independent Study	1.0
Web Design I	0.5
Web Design II	0.5

Arts Programs of Study

CTE

Graphic Communications I	4.0
<i>Additional 2.0 credits from Visual Arts Program of Study</i>	
OR	
Graphic Communications I/II	8.0

Visual Arts

Art I, II, III & IV	1.0 each
Ceramics I, II, & III	0.5 each
Desktop Publishing	0.5
Digital Photography	0.5
Intro to Photography	0.5
Journalistic Prod.- Red & Black	2.0
Journalistic Prod.- Yearbook	2.0
Printmaking	0.5
Three Dimensional Art	0.5
Video Productions	1.0
Video Productions Independent Study	1.0
Web Design I & II	0.5 each

Performing Arts

Advanced Music Theory	0.5
Chorale	2.0
Concert Band	1.5
Concert Choir	2.0
Concert Orchestra	2.0
Debate II	0.5
Drama I/II	1.0
Freshman Choir	2.0
History of Jazz, Pop & Rock	0.5
Intro to Music Theory	0.5
J.C. Riot	1.0
Jazz Band	1.0
Marching Jay Band	1.0
Music Appreciation	0.5
Speech II	0.5
Speech-Drama Performance	1.0
Symphonic Band	1.5
Symphonic Orchestra	2.0

No more than 4.0 credits from the same course code may be applied towards an Academy Endorsement.

Business Programs of Study

CTE

Computer Technology I - Dual Credit	4.0
<i>Additional 2.0 credits from PLTW or General Programs of Study</i>	
OR	
Computer Technology I/II - Dual Credit	8.0

PLTW

**Intro to Computer Science	1.0
Computer Science Principles	1.0
Computer Science A	1.0
***Cybersecurity	1.0
<i>Additional credits from CTE or General Program of Study to total 6.0 credits</i>	
<small>**TBD. ***Future courses in this Program of Study are being developed in partnership with Advanced Placement (AP) and are subject to change.</small>	

General

Accounting I & II	1.0 each
Business Law I & II	0.5 each
Business Technology - Dual Credit	1.0
Computer Applications - Dual Credit	0.5
Desktop Publishing	0.5
Entrepreneurship A or B	0.5 each
Global Business	0.5
Help Desk	1.0
Intro to Business	1.0
Marketing (CME)	1.0
Marketing Work Experience (CME)	Varies
Speech II	0.5
Web Design I & II	0.5 each

Credits accrued from CTE or PLTW may be used as part of the 6.0 credits for the General Program of Study

***Students need 6.0 credits from a Program of Study to receive an Academy Endorsement**

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The Traditional Path of Study



Jefferson City High School Diploma

SUBJECT	CREDITS
Language Arts	4.0
Math	3.0
Science	3.0
Social Studies	3.0
Fine Arts	1.0
Practical Arts	1.0
Personal Finance <i>(Can count as 0.50 of the Practical Arts requirement)</i>	0.5
P.E.	1.0
Health	0.5
Electives <i>12 units depending upon Personal Finance</i>	12.0/12.5
TOTAL	29

**All students must pass the Missouri and US Constitution tests to graduate.*

***Required EOC exams in English II, Biology, Algebra I, and Government.*

****Required ACT exam for all Juniors. Free statewide assessment.*

Jefferson City College Preparatory Certificate Requirements *(starting with class of 2018)*

SUBJECT	REQUIRED COURSES	CREDITS
Language Arts		4.0
Math	Algebra 1 through Math Analysis/Trig or higher	4.0
Science	Physics First, Biology, Chemistry and 1 additional	4.0
Social Studies	Government/AP Govt. and Politics, World History/AP Euro., U.S./AP U.S. History, and 1 additional	4.0
Fine Arts		1.0
Practical Arts		1.0
Personal Finance <i>(Can count as 0.50 of the Practical Arts requirement)</i>		0.5
P.E.		1.0
Health		0.5
World Language	2.0 units of the same World Language	2.0

**Must have a 3.5 G.P.A.*

***Must have a rating of proficient or advanced on 2 of 3 MO Assessment Program tests administered at the High School level.*



Karen Brickey

A+/PLTW Coordinator

AETI Academy	S ³ Academy	CAB Academy
<i>Engineering, Trade & Industrial</i>	<i>Health Services</i>	<i>Business</i>
Intro to Engineering Design	Principles of Biomedical Science	*Intro to Computer Science
Principles of Engineering	Human Body Systems	Computer Science Principles
Civil Engineering & Architecture	Medical Interventions	Computer Science A
Engineering Design & Development	Bio Medical Innovations	*Cybersecurity

Benefits of PLTW:

- An enriched education
- An understanding of applications of mathematics & science
- Useful career skills
- **College credit**
- A jump start on a successful future



Students taking Advanced Placement classes along with PLTW courses are eligible for:

- Pursuing work-based learning with leading industry partners
- Industry-based internships
- **Scholarships for two- or four-year degree programs**





Sharon Longan

Director Nichols Career Center

AETI Academy	S ³ Academy	CAB Academy
<i>Engineering, Trade & Industrial</i>	<i>Health Services</i>	<i>Communication</i>
Automotive Technology	Health Science	Graphic Communications
Auto Collision Technology	<i>Consumer Services</i>	<i>Arts</i>
Building Trades	Culinary Arts	Graphic Communications
Mechatronics		<i>Business</i>
HVAC		Computer Technology
Welding		*Broadcast Media



Benefits of CTE Programs of Study:

- Articulation
- Industry Ready Credentials
- Dual Enrollment
- Technical Skills Attainment Exams
- Internships
- Skills USA





Claudia Costales & Sam Gierer Culinary Arts Students S³ Academy – Consumer Services – CTE





Lisa Bleich – 8th Grade Counselor – TJMS

Carrie Welch – JCHS Head Counselor

Preparation for Academy Selection:

- *MissouriConnections.org*
- 7th Grade Encore Course
- 8th Grade Career Fair

8th Grade Registration Packets:

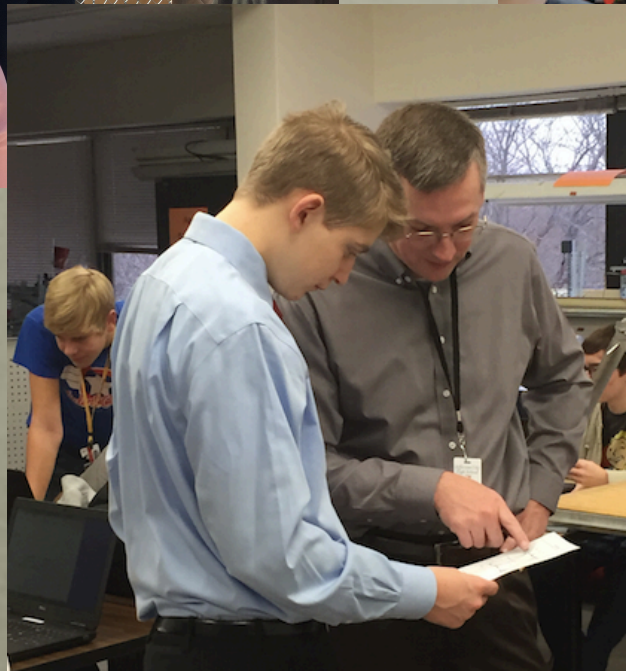
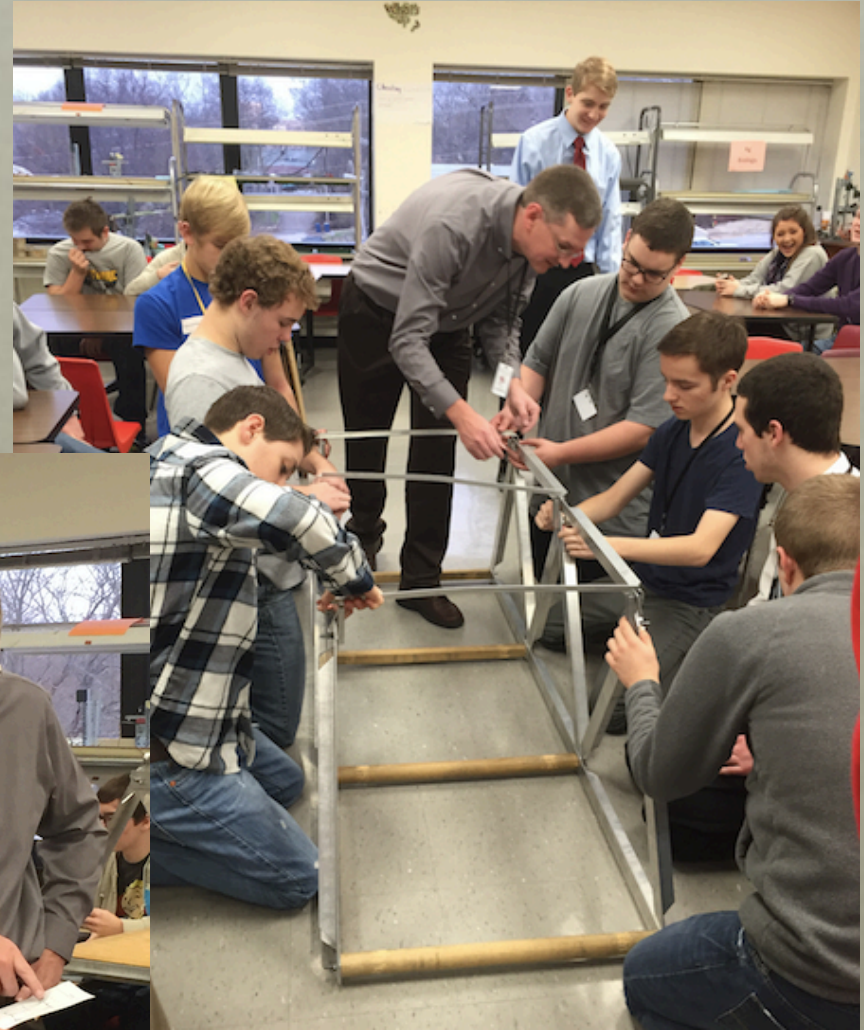
1. Academy Selection Form
2. Missouri Connections Individual Results
3. Simonsen 9th Grade **Draft** Enrollment Form
4. Advanced Placement/Dual Credit Form



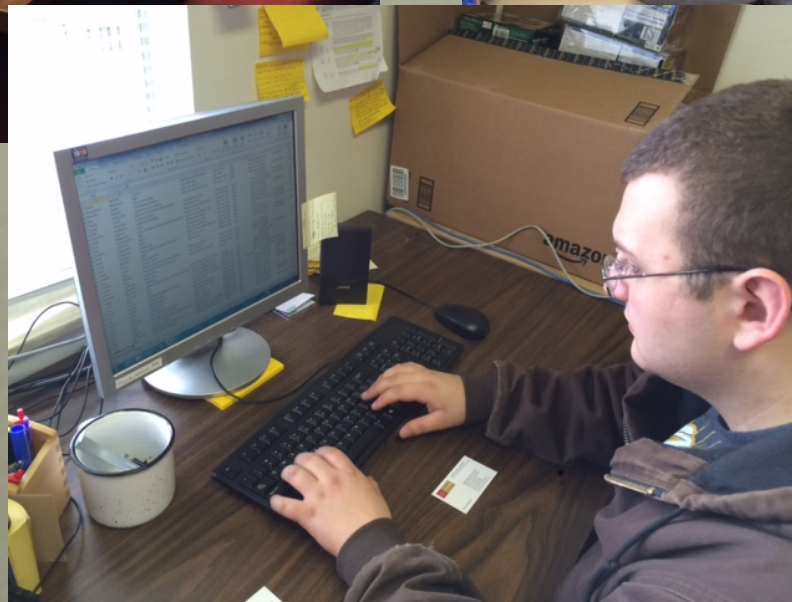
S³ Academy – Public Services – General Missouri State Highway Patrol



AETI Academy – Engineering, Trade & Industrial– PLTW Bartlett & West



CAB Academy– Business – General Boys & Girls Club



S³ Academy – Health Services – General Howard Plastic Surgery



S³ Academy – Public Services – General Military Leadership



AETI Academy – Engineering, Trade & Industrial – PLTW

Boeing & ALPLA

