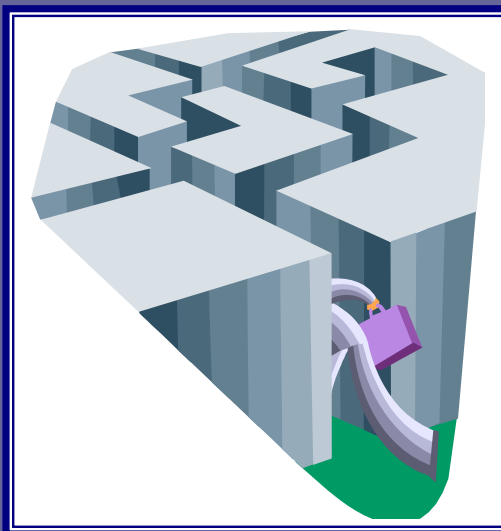


Joliet Township High School
District 204

PATHWAYS



(Revised 12/02/05)

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Career Academy: Arts and Communication

	PATHWAY Media Arts Careers: Journalist		PATHWAY Performing Arts Careers: Actor Musician			PATHWAY Visual Arts Careers: Animator Architectural Design Artist Fashion Designer Graphic Artist Interior Designer Landscape Architect Photographer								
Required Courses for Pathway Completion		Journalism 1		Drama 1	Adv Music		Intro Art	Tech/CAD	Intro Art	Fashion Cons 1 & 2	Intro Art	Tech/CAD	Tech/CAD	Photo 1
		Journalism 2		Drama 2	Band or Choir or Orchestra		Inter Art	Arch Drafting	Inter Art		2-D Art 1	Inter Design	Ecology	Photo 2

Career Academy: Business Management and Information Systems

	PATHWAY Finance Careers:			PATHWAY Information Technology Careers:				PATHWAY Management & Administration Careers:		
	Accountant	Financial Consultant	Statistician	Administrative Assistant	Computer Programmer	Website Designer	Business Manager	Hotel/Restaurant Manager	Human Resource Manager	
Required Courses for Pathway Completion	Accounting	Accounting	Comp Apps 1	Comp Apps 1	Info Proc 1	Info Proc 1	Gen Bus	Gen Bus	Gen Bus	
	Comp Apps 1		Comp Apps 2	Comp Apps 2	Info Proc 2	Info Proc 2	Comp Apps 1	Hospitality	Psych	
	Comp Apps 2		AP Statistics	Info Proc 1	Comp Prog 1	Comp Prog 1	Comp Apps 2		Sociology	
				Info Proc 2	Comp Prog 2	Comp Prog 2				

Career Academy: Engineering and Industrial Technology

	PATHWAY Computer/Electronics Careers: Computer Hardware Engineer			Electronics Technician	PATHWAY Engineering/Architecture Careers: Architect				Chemical Engineer	Civil Engineer	Electrical Engineer	Mechanical Engineer	PATHWAY Industrial, Const & Transportation Careers: Auto Technician			Cabinetmaker	Carpenter	Drafter
Required Courses for Pathway Completion	Comp Apps 1	Ind Elect	Comp Apps 2	Tech/CAD	Chemistry 2	Tech/CAD	Tech/CAD	Tech/CAD	Tech/CAD	Auto Tech	Woods	Woods	Tech/CAD					
	A + Cert	Voc Elect		Arch Draft	AP Statistics	Adv Draft	Physics 2	Physics 2		Voc Auto	Construct	Construct	Adv Draft					

Career Academy: Engineering and Industrial Technology

	PATHWAY Industrial, Const & Transportation Careers																
	Electrician	HVAC	Machinist	Plumber	Welder												
Required Courses for Pathway Completion	Ind Elec Voc Electr	Ind Elect Metals	Metals Welding	Metals Welding	Welding Metals												

Career Academy: Health and Sciences

	PATHWAY Health & Medicine Careers:								PATHWAY Science Careers:			
	Certified Nurse's Assistant (CNA)	Emergency Medical Technician (EMT)	Medical Technician	Nurse	Pharmacist	Physical Therapist	Physician	Biologist	Chemist	Conservation Scientist	Physicist	
Required Courses for Pathway Completion	Health Car Health Exp	Health Car	Health Car	Chemistry 1	Chemistry 2	Chemistry 2	Chemistry 2 or Biology 2	Biology 2 AP Statistics or PreCalculus/ Calculus	Chemistry 2 AP Statistics or PreCalculus/ Calculus	Ecology Biology 2	Physics 2 AP Statistics or PreCalculus/ Calculus	

Career Academy: Human Services

	PATHWAY Education Careers: Child Care Worker Teacher			PATHWAY Gov't, Law, Public Safety Careers: Law Law Enforcement Specialist Military Personnel			PATHWAY Hospitality & Food Service Careers: Chef Dietician/Nutritionist Hotel & Restaurant Manager			PATHWAY Human Services Careers: Cosmetologist Counselor		
Required Courses for Pathway Completion	Child Dev	Psych	World	Psych	Psychology	Foods 1	Foods 1	Foods 1	Cosmetology	Psych		
	Occ Child	Sociology	History	Sociology	Sociology	Foods 2	Foods 2	Foods 2		Sociology		
		Target Subject Area			World History	Hospitality	Chemistry 1	Hospitality		AP Statistics		

ACADEMY OF ARTS AND COMMUNICATION

Pathway: Media Arts

Career: Journalist

Possible Related Careers:

Broadcast Journalist, Print Journalist, Writer

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Journalism 1
- Journalism 2

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ARTS AND COMMUNICATION

Pathway: Performing Arts

Career: Actor

Possible Related Careers:

Announcer, Artist, Casting Director, Circus Performer, Comedian, Dancer, Director, Disc Jockey, Film and TV Crew, Magician, Model, Motivational Speaker, Musician, Producer, Stuntperson, Waiter, Writer

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Drama 1
- Drama 2

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ARTS AND COMMUNICATION

Pathway: Performing Arts
Career: Musician

Possible Related Careers:

Broadcast Technician, Composer, Disc Jockey, Film and TV Crew, Film Editor, Lighting Technician, Musician, Sound Technician, Recording Engineer

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Advanced Music
- Band or Orchestra or Choir

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ARTS AND COMMUNICATION

Pathway: Visual Arts
Career: Animator

Possible Related Careers:

Animator, Art Director, Artist, Cartoonist/Comic Illustrator, Computer Programmer, Desktop Publisher, Film Editor, Graphic Designer, Illustrator, Medical Illustrator, Multimedia Developer, Video Game Developer

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Introduction to Art
- Intermediate Art

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ARTS AND COMMUNICATION

Pathway: Visual Arts
Career: Architectural Designer/Architect

Possible Related Careers:

Advertising, Environmental Designer, Fashion Designer, Graphic Artist, Interior Designer,

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Technical/Computer-Aided Drafting (CAD)
- Architectural Drafting

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ARTS AND COMMUNICATION

Pathway: Visual Arts

Career: Artist

Possible Related Careers:

Fiber Artist, Jeweler, Painter, Photographer, Sculptor

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Introduction to Art
- Intermediate Art

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ARTS AND COMMUNICATION

Pathway: Visual Arts
Career: Fashion Designer

Possible Related Careers:

Art Director, Clothing Manufacturer, Costume Designer, Exhibit Designer, Fashion Retailer, Florist, Industrial Designer, Interior Designer, Jeweler, Makeup Artist, Retail Buyer, Set Designer, Stylist, Tailor/Dressmaker

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Fashion Construction 1 & 2
-

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ARTS AND COMMUNICATION

Pathway: Visual Arts
Career: Graphic Artist

Possible Related Careers:

Advertising Account Executive, Animator, Art Director, Artist, Cartoonist/Comic Illustrator, Computer Animator, Desktop Publisher, Exhibit Designer, Illustrator, Industrial Designer, Photographer, Set Designer, Sign Maker, Website Designer

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Introduction to Art
- Two-Dimensional Art 1

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ARTS AND COMMUNICATION

Pathway: Visual Arts
Career: Interior Designer

Possible Related Careers:

Antique Dealer, Architect, Artist, Costume Designer, Exhibit Designer, Fashion Designer, Florist, Industrial Designer, Landscape Architect, Painter, Picture Framer, Set Designer, Stylist, Upholsterer

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Technical/Computer-Aided Drafting (CAD)
- Interior Design

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ARTS AND COMMUNICATION

Pathway: Visual Arts
Career: Landscape Architect

Possible Related Careers:

Arborist, Architect, Botanist, Civil Engineer, Civil Engineering Tech, Drafter, Exhibit Designer, Florist, Gardner, Horticulturist, Interior Designer, Landscaper, Nursery/Greenhouse Grower, Planner

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Technical/Computer-Aided Drafting (CAD)
- Ecology

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ARTS AND COMMUNICATION

Pathway: Visual Arts
Career: Photographer

Possible Related Careers:

Art Director, Artist, Camera Operator, Director of Photography, Film Editor, Film Processor, Graphic Designer, Print Journalist, Television and Radio Reporter

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Photography 1
- Photography 2

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF BUSINESS MANAGEMENT/INFORMATION SYSTEMS

Pathway: Finance
Career: Accountant

Possible Related Careers:

Account Manager, Administrative Assistant, Auditor, Bank Teller, Cashier, Certified Public Accountant, Data Entry Clerk, Health Records Professional, Office Manager, Personal Financial Planner, Purchaser

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Accounting
- Computer Applications 1 & 2

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF BUSINESS MANAGEMENT/INFORMATION SYSTEMS

Pathway: Finance
Career: Financial Consultant

Possible Related Careers:

Account Manager, Bank Manager, Bank Teller, Banker, Customs Broker, Insurance Agent, Investment Banker, Personal Financial Planner, Real Estate Agent

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Accounting
- Economics (Pending)

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF BUSINESS MANAGEMENT/INFORMATION SYSTEMS

Pathway: Finance
Career: Statistician

Possible Related Careers:

Actuary, Bookkeeper, Data Entry Clerk, Economist, Logistics Specialist, Market Research Analyst, Mathematician, Research Analyst

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Computer Applications 1 & 2
- A.P. Statistics

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF BUSINESS MANAGEMENT/INFORMATION SYSTEMS

Pathway: Information Technology
Career: Administrative Assistant

Possible Related Careers:

Administrative Assistant, Court Clerk, Human Resources Specialist, Legal Secretary, Medical Secretary

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Computer Applications 1 & 2
- Information Processing 1 & 2

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF BUSINESS MANAGEMENT/INFORMATION SYSTEMS

Pathway: Information Technology
Career: Computer Programmer

Possible Related Careers:

Computer Animator, Computer Engineer, Computer Network Specialist, Computer Support Person, Computer Trainer, Database Developer, Multimedia Developer, Project Manager, Video Game Developer, Web Developer, Webmaster, Website Designer

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Information Processing 1 & 2
- Computer Programming 1 & 2

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF BUSINESS MANAGEMENT/INFORMATION SYSTEMS

Pathway: Information Technology
Career: Website Designer

Possible Related Careers:

Computer Animator, Computer Programmer, Desktop Publisher, Exhibit Designer, Graphic Designer, Illustrator, Multimedia Developer, Project Manager, Sign Maker, Video Game Developer, Webmaster

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Information Processing 1 & 2
- Computer Programming 1 & 2

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF BUSINESS MANAGEMENT/INFORMATION SYSTEMS

Pathway: Management and Administration
Career: Business Manager

Possible Related Careers:

Corporate Manager, Retail Manager, Small Business Manager,

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- General Business
- Computer Applications 1 & 2

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF BUSINESS MANAGEMENT/INFORMATION SYSTEMS

Pathway: Management and Administration
Career: Hotel and Restaurant Manager

Possible Related Careers:

Bartender, Bed and Breakfast Proprietor, Caterer, Chef, Cook, Event Planner, Hotel Desk Clerk, Office Manager, Waiter, Wedding Planner

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- General Business
- Hospitality and Restaurant Management

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF BUSINESS MANAGEMENT/INFORMATION SYSTEMS

Pathway: Management and Administration
Career: Human Resource Manager

Possible Related Careers:

Career Counselor, Corporate Trainer, Hotel Manager, Management Consultant, Office Manager, Restaurant Manager

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- General Business
- Psychology and Sociology

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ENGINEERING AND INDUSTRIAL TECHNOLOGY

Pathway: Computer/Electronics
Career: Computer Hardware Engineer

Possible Related Careers:

Computer Technician, Office Machine Repairer, PC Support Specialist, Telecommunications Network Technician

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Computer Applications 1 & 2
- A+ Certification

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ENGINEERING AND INDUSTRIAL TECHNOLOGY

Pathway: Computer/Electronics
Career: Electronics Technician

Possible Related Careers:

Avionics Tech, Broadcast Technician, Chemical Engineering Tech, Civil Engineering Tech, Computer Support Person, Electrical Engineer, Electrician, Electronics Engineering Tech, Electronics Repairer, Environmental Technician, Industrial Engineering Tech, Lighting Technician, Mechanical Engineering Tech, Power Plant Operator, Quality Controller, Recording Engineer, Security Systems Technician

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Industrial Electricity
- Vocational Electronics 1

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ENGINEERING AND INDUSTRIAL TECHNOLOGY

Pathway: Engineering/Architecture
Career: Architect

Possible Related Careers:

Artist, Building Inspector, Civil Engineer, Construction Tradesperson, Drafter, Exhibit Designer, General Contractor, Home Inspector, Industrial Designer, Interior Designer

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Technical/Computer-Aided Drafting (CAD)
- Architectural & Technical Drafting or Architectural Drafting

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ENGINEERING AND INDUSTRIAL TECHNOLOGY

Pathway: Engineering/Architecture
Career: Chemical Engineer

Possible Related Careers:

Aerospace Engineer, Agricultural Engineer, Biological Tech, Biomedical Engineer, Chemical Engineering Tech, Chemist, Civil Engineer, Computer Engineer, Electrical Engineer, Environmental Engineer, Industrial Engineer, Inventor, Materials/Metallurgical Engineer, Mechanical Engineer, Mining Engineer, Quality Controller, Scientist

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Chemistry 2
- A.P. Statistics

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ENGINEERING AND INDUSTRIAL TECHNOLOGY

Pathway: Engineering/Architecture
Career: Civil Engineer

Possible Related Careers:

Aerospace Engineer, Agricultural Engineer, Architect, Building Inspector, Chemical Engineer, Civil Engineering Tech, Computer Engineer, Electrical Engineer, Environmental Consultant, Environmental Engineer, Hydrologist/Hydrogeologist, Land Surveyor, Landscape Architect, Materials/Metallurgical Engineer, Mechanical Engineer, Mining Engineer, Planner

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Technical/Computer-Aided Drafting (CAD)
- Advanced Drafting

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ENGINEERING AND INDUSTRIAL TECHNOLOGY

Pathway: Engineering/Architecture
Career: Electrical Engineer

Possible Related Careers:

Aerospace Engineer, Avionics Tech, Biomedical Engineer, Chemical Engineer, Civil Engineer, Electrical Engineering Tech, Electrician, Environmental Engineer, Industrial Engineer, Inventor, Materials/Matallurgical Engineer, Mechanical Engineer, Mining Engineer

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Technical/Computer-Aided Drafting (CAD)
- Physics 2

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ENGINEERING AND INDUSTRIAL TECHNOLOGY

Pathway: Engineering/Architecture
Career: Mechanical Engineer

Possible Related Careers:

Aerospace Engineer, Agricultural Engineer, Biomedical Engineer, Chemical Engineer, Civil Engineer, Computer Engineer, Electrical Engineer, Environmental Engineer, Industrial Engineer, Inventor, Materials/Metallurgical Engineer, Mechanical Engineering Tech, Millwright, Mining Engineer

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Technical/Computer-Aided Drafting (CAD)
- Physics 2

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ENGINEERING AND INDUSTRIAL TECHNOLOGY

Pathway: Industrial, Construction and Transportation
Career: Auto Technician

Possible Related Careers:

Aircraft Mechanic, Auto Detailer, Autobody Repairer, Automobile Assembler, Automobile Salesperson, Bicycle Mechanic, Diesel Mechanic, Heavy Equipment Mechanic, Industrial Machinery Mechanic, Motorcycle Mechanic, Race Car Mechanic, Small Engine Mechanic, Tow Truck Driver

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Auto Technology
- Vocational Auto Mechanics 1

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ENGINEERING AND INDUSTRIAL TECHNOLOGY

Pathway: Industrial, Construction and Transportation
Career: Cabinetmaker

Possible Related Careers:

Antique Dealer, Carpenter, Construction Tradesperson, Craftsperson, Exhibit Designer, Furniture Finisher, Industrial Designer, Musical Instrument Builder and Repairer, Picture Framer, Production Woodworker, Upholsterer

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Woods Technology
- Construction Occupations

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ENGINEERING AND INDUSTRIAL TECHNOLOGY

Pathway: Industrial, Construction and Transportation
Career: Carpenter

Possible Related Careers:

Bricklayer, Building Inspector, Cabinetmaker, Concrete Mason, Drywall, Electrician, Flooring Installer, Glazier, Home Inspector, Insulator, Ironworker, Plasterer, Plumber, Roofer, Tilesetter

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Woods Technology
- Construction Occupations

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ENGINEERING AND INDUSTRIAL TECHNOLOGY

Pathway: Industrial, Construction and Transportation
Career: Drafter

Possible Related Careers:

Building Inspector, Civil Engineer, Construction Tradesperson, Exhibit Designer, General Contractor, Home Inspector, Industrial Designer, Interior Designer, Landscape Architect

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Technical/Computer-Aided Drafting (CAD)
- Advanced Drafting or Architectural Drafting or Architectural & Technical Drafting

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ENGINEERING AND INDUSTRIAL TECHNOLOGY

Pathway: Industrial, Construction and Transportation
Career: Electrician

Possible Related Careers:

Appliance Repairer, Broadcast Technician, Building Inspector, Cable Installer and Repairer, Carpenter, Construction Tradesperson, Electrical Engineer, Electrical Engineering Tech, Electronics Repairer, Heating/Air Conditioning/Refrigeration Tech, Home Inspector, Industrial Machinery Mechanic, Plumber, Security Systems Technician

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Industrial Electricity
- Vocational Electronics 1

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ENGINEERING AND INDUSTRIAL TECHNOLOGY

Pathway: Industrial, Construction and Transportation
Career: Heating, Ventilation, and Air Conditioning

Possible Related Careers:

Appliance Repairer, Custodian, Duct Cleaner, Electrician, Elevator Installer and Repairer, Industrial Machinery Mechanic, Office Machine Repairer, Plumber, Sheet Metal Worker, Vending Machine Servicer

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Industrial Electricity
- Metals Technology

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ENGINEERING AND INDUSTRIAL TECHNOLOGY

Pathway: Industrial, Construction and Transportation
Career: Machinist

Possible Related Careers:

Automobile Assembler, Cabinetmaker, Gunsmith, Industrial Machinery Mechanic, Locksmith, Manufacturing Machine Operator, Mechanical Engineering Tech, Millwright, Model Maker, Musical Instrument Builder and Repairer, Sheet Metal Worker, Tool and Die Maker, Welder

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Metals Technology
- Welding Technology

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ENGINEERING AND INDUSTRIAL TECHNOLOGY

Pathway: Industrial, Construction and Transportation
Career: Plumber

Possible Related Careers:

Boilermaker, Cable Installer and Repairer, Carpenter, Construction Tradesperson, Drywaller, Electrician, Glazer, Heating/Air Conditioning/Refrigeration Tech, Home Inspector, Insulator, Ironworker, Millwright, Pipefitter, Sheet Metal Worker, Welder

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Metal Technology
- Welding Technology

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF ENGINEERING AND INDUSTRIAL TECHNOLOGY

Pathway: Industrial, Construction and Transportation
Career: Welder

Possible Related Careers:

Autobody Repairer, Boilermaker, Ironmaker, Machinist, Millwright, Motorcycle Mechanic, Pipefitter, Plumber, Sheet Metal Worker, Tool and Die Maker

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Welding Technology
- Metals Technology

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HEALTH AND SCIENCES

Pathway: Health and Medicine
Career: Certified Nurse's Assistant

Possible Related Careers:

Medical Imaging Tech, Nurse Practitioner, Paramedic

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Health Careers
- Health Experiences

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HEALTH AND SCIENCES

Pathway: Health and Medicine
Career: Emergency Medical Technician

Possible Related Careers:

Athletic Trainer, Dispatcher, Firefighter, Lifeguard, Nurse, Police Officer, Veterinary Technician

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Health Careers
- Anatomy and Physiology (Pending)

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HEALTH AND SCIENCES

Pathway: Health and Medicine

Career: Medical Technician

Possible Related Careers:

Biological Tech, Cardiovascular Tech, Chemical Engineering Tech, Environmental Technician, Forensics Specialist, Medical Imaging Tech, Microbiologist, Nuclear Medicine Technologist, Nurse, Pharmacy Technician, Radiation Therapist, Veterinary Technician

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Health Careers
- Anatomy and Physiology (Pending)

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HEALTH AND SCIENCES

Pathway: Health and Medicine

Career: Nurse

Possible Related Careers:

Dental Hygienist, Doctor, Licensed Practical Nurse, Massage Therapist, Medical Imaging Tech, Occupational Therapist, Paramedic, Physical Therapist, Certified Nurse Practitioner, Registered Nurse

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Chemistry 1
- Anatomy and Physiology (Pending)

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HEALTH AND SCIENCES

Pathway: Health and Medicine

Career: Pharmacist

Possible Related Careers:

Acupuncturist, Athletic Trainer, Chiropractor, Coach, Doctor, Massage Therapist, Nurse, Occupational Therapist, Personal Trainer, Speech-Language Pathologist

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Chemistry 2
- Anatomy and Physiology (Pending)

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HEALTH AND SCIENCES

Pathway: Health and Medicine

Career: Physical Therapist

Possible Related Careers:

Acupuncturist, Athletic Trainer, Chiropractor, Coach, Doctor, Massage Therapist, Nurse, Occupational Therapist, Personal Trainer, Speech-Language Pathologist

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Chemistry 2
- Anatomy and Physiology (Pending)

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HEALTH AND SCIENCES

Pathway: Health and Medicine

Career: Physician

Possible Related Careers:

Anesthesiologist, Dentist, Dermatologist, Epidemiologist, Family Practitioner, Obstetrician-Gynecologist, Optometrist, Orthodontist, Pediatrician, Plastic Surgeon, Podiatrist, Psychiatrist, Surgeon, Veterinarian

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Chemistry 2 or Biology 2
- Anatomy and Physiology (Pending)

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HEALTH AND SCIENCES

Pathway: Science
Career: Biologist

Possible Related Careers:

Botanist, Ecologist, Food Scientist, Forester, Horticulturist, Marine Biologist, Microbiologist, Oceanographer, Zoologist

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Biology 2
- A.P. Statistics or Pre-Calculus and Trigonometry or Calculus

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HEALTH AND SCIENCES

Pathway: Science

Career: Chemist

Possible Related Careers:

Biologist, Chemical Engineer, Food Scientist, Forensics Specialist, Geologist, Pharmacist, Physicist, Environmentalist, Materials Scientist

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Chemistry 2
- A.P. Statistics or Pre-Calculus and Trigonometry or Calculus

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HEALTH AND SCIENCES

Pathway: Science
Career: Conservation Scientist

Possible Related Careers:

Biologist, Ecologist, Environmental Consultant, Forester, Police Officer, Taxidermist, Zoologist

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Biology 2
- Ecology

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HEALTH AND SCIENCES

Pathway: Science
Career: Physicist

Possible Related Careers:

Astronomer, Chemist, Environmental Engineer, Geologist, Meteorologist, Oceanographer, Scientist

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Physics 2
- A.P. Statistics or Pre-Calculus and Trigonometry or Calculus

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HUMAN SERVICES

Pathway: Education
Career: Child Care Worker

Possible Related Careers:

Day Care, Pre-School, Kindergarten, Early Childhood Education

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Child Development
- Occupational Child Care

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HUMAN SERVICES

Pathway: Education

Career: Teacher

Possible Related Careers:

Assistant Principal, Elementary Teacher, Pre-School Teacher, Principal, Secondary Teacher

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Psychology and Sociology
- Targeted Teaching Subject Courses

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HUMAN SERVICES

Pathway: Government, Law and Public Safety
Career: Law

Possible Related Careers:

Court Reporter, Legal Assistant, Lawyer, Paralegal, Politician, Researcher

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- World History
- Law (2 semesters Pending)

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HUMAN SERVICES

Pathway: Government, Law and Public Safety
Career: Law Enforcement Specialist

Possible Related Careers:

Border Patrol, Criminologist, FBI/CIA, Forensics, Private Investigator, Security Guard

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Psychology and Sociology
- Law (2 semesters Pending)

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HUMAN SERVICES

Pathway: Government, Law and Public Safety

Career: Military Personnel

Possible Related Careers:

Any branch of the Military

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- World History
- Psychology and Sociology

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HUMAN SERVICES

Pathway: Hospitality and Food Service

Career: Chef

Possible Related Careers:

Caterer, Certified Food Handler, Food Scientist, Personal Trainer, Pharmacist, Restaurant Manager, Wellness Coordinator

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Foods 1 & 2
- Hospitality and Restaurant Management

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HUMAN SERVICES

Pathway: Hospitality and Food Service
Career: Dietician/Nutritionist

Possible Related Careers:

Caterer, Certified Food Handler, Food Scientist, Personal Trainer, Pharmacist, Restaurant Manager, Wellness Coordinator

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Foods 1 & 2
- Chemistry 1

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HUMAN SERVICES

Pathway: Hospitality and Food Service
Career: Hotel and Restaurant Manager

Possible Related Careers:

Caterer, Certified Food Handler, Restaurant Manager

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Foods 1 & 2
- Hospitality and Restaurant Management

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HUMAN SERVICES

Pathway: Human Services

Career: Cosmetologist

Possible Related Careers:

Barber, Beauty School Instructor, Colorist, Hair Stylist, Massage Therapist, Nail Technician

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Anatomy and Physiology (Pending)
- Cosmetology

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective

ACADEMY OF HUMAN SERVICES

Pathway: Human Services

Career: Counselor

Possible Related Careers:

Clinical Psychologist, Drug and Alcohol Counselor, Marriage and Family Services, Mental Health Counselor, Probation Officer, Psychology Aid, Social Worker and Psychologist

JTHS Graduation Requirements

- English..... 4 Credits
- Math (including Algebra and Geometry)..... 3 Credits
- Science (including Biology)..... 2 Credits
- Social Studies (including U.S. History)..... 2 Credits
- Health..... .5 Credits
- PE/ROTC..... 3.5 Credits

Required Post-Secondary Education

Recommended College Entrance Requirements:

- English..... 4 Credits
- Math..... 3 Credits
- Science..... 3 Credits
- Social Studies..... 3 Credits
- Foreign Language is an entrance requirement for many colleges/universities.

Required Courses for Pathway Completion

- Psychology and Sociology
- A.P. Statistics

Suggested Four-Year Plan

	Freshman	Sophomore	Junior	Senior
Period 1	Elective	////////////////////	////////////////////	////////////////////
Period 2	English	English	English	English
Period 3	Math	Math	Math	Elective
Period 4	Science	Science	Elective	Elective
Period 5	Social Studies	Elective	Social Studies	Elective
Period 6	L/Adv	L/Adv	L/Adv	L/Adv
Period 7	PE/ROTC	PE/ROTC/Health	PE/ROTC	PE/ROTC
Period 8	Elective	Elective	Elective	Elective