

Programs of Study for Marshall High School and Saline County Career Center

Career Path: Arts & Communication

**Career Clusters: Journalism & Broadcasting
Performing Arts
Visual Arts**

Career Path: Business Management & Tech

**Career Clusters: Business Management
Information Technology
Marketing, Sales & Service**

Career Path: Health Services

Career Cluster: Health Services Assistant

Career Path: Human Services

**Career Clusters: Education & Training
Hospitality & Tourism
Human Services**

Career Path: Industrial & Engineering Tech

**Career Clusters: Architecture & Construction
Science & Engineering
Transportation & Logistics**

Career Path: Natural Resources

**Career Clusters: AgriBusiness Systems
Animal Systems
Plant Systems
Power Structural & Tech Systems**

Marshall High School and Saline County Career Center

Plan of Study for the Career Path: Arts & Communication Career Cluster: Journalism & Broadcasting

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English 4 credits	Math 3 credits	Science 3 credits	Social Studies 3 credits	Other Required Courses 4 credits PE 1 credit Fine Art 1 credit Pract Art 1 credit Health ½ credit Pers Fin ½ credit	Electives 8 Credits Career & Technical Courses and/or Degree Major Courses	Credit Totals each year (25 credits required for graduation)	SAMPLE Occupations Relating to this Pathway
Secondary	9	Eng I (1)	Algebra I (1)	IPC (1)	American History (1)	Keyboarding (1) PE (1) Fine Art (Any)	Forensics (½, 1) Spanish I (1)		<ul style="list-style-type: none"> • Art Director • Audio-Video Designer and Engineer • Broadcast technician • Commercial Artist • Computer Animator • Public Relations • Advertising • Marketing Communications • Journalist • Graphic Designer • Recording Engineer • Editor • Photographer • Videographer • Web Page Designer • Reporter • Photo Journalist • Art Director • Broadcast Journalist • Film/Video Editor • Broadcast Technician • Producer/Director
	10	Eng II (1)	Geometry (1) or Honors Geometry (1)	Biology (1)	Government (1/2) Choose one: Sociology (1/2) Mod. AH (1/2) World Geog. (1/2)		Journalism- Newspaper/Yrbook (1) Web Page Design (1) Video Productions I (1) Spanish II (1)		
	11	Choose One: Eng III (1) Eng III Wt. (1) Pre AP (1)	Algebra II (1)	Choose One: Human Phys. (1) Biology II (1) Chemistry I (1)	World History (1) Or Honors World History (1)	Health (1/2) Personal Finance (1/2)	Journalism- Newspaper/Yrbook (1) Graphic Design (1) Video Productions II (1) Marketing (1) Pub Speaking (1/2)		
	12	Choose One: English 4 Wt. (1) Eng 130/160 (1) AP Eng (1) Tech Read/ Writing (1)	<u>Math Elective</u> Hon Adv Math (1) AP Calculus (1) College Algebra (1) AP Statistics (1)	<u>Science Elective</u> Physics (1) ABC (1) Prin. Of Tech (1) AP Bio (1)	<u>SS Electives</u> Contemporary Issues (1) Psychology (1)	Photography (1)	Journalism- Newspaper/Yrbook (1) Adv Marketing (1)		
Credit Totals in each area								(28 or more)	

Area Career Centers		2-Year Community Colleges	4-Year Colleges
Postsecondary		St. Louis Community College Florissant Valley	Central Methodist University www.centralmethodist.edu
	Broadcast Center	St. Louis Community College Forest Park	Missouri State University, Springfield www.missouristate.edu
	Arcadia Valley Tech Center	Meramec Community College	Missouri Valley College www.moval.edu
		Crowder College	Northwest Missouri State University www.nwmissouri.edu
		St. Charles Community College	Truman State University www.truman.edu
			University of Central Missouri www.ucm.edu
			University of Missouri-Columbia www.missouri.edu
			Webster University, Stephens University, William Woods College, Washington University, Maryville University, Fontbonne University, University of Phoenix
			Lindenwood University, Park University, Avilla, Rockhurst, Drury, Columbia College

Marshall High School and Saline County Career Center

Plan of Study for the Career Path: Arts & Communication Career Cluster: Performing Arts

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English 4 credits	Math 3 credits	Science 3 credits	Social Studies 3 credits	Other Required Courses 4 credits PE 1 credit Fine Art 1 credit Pract Art 1 credit Health ½ credit Pers Fin ½ credit	Electives 8 Credits Career & Technical Courses and/or Degree Major Courses	Credit Totals each year (25 credits required for graduation)	SAMPLE Occupations Relating to this Pathway
Secondary	9	English I (1)	Algebra I (1)	IPC (1)	American History (1)	Freshman Chorus (1) PE (1) Keyboarding (1)	Drama I & II (1) Forensics, 9-12 (1) Stagecraft and Lighting (1)		<ul style="list-style-type: none"> • Actor • Director and Coach • Musician • Music Therapy • Set and Exhibit Designer • Sound Engineer • Recording Technician • Music Education • Theatre Education • Conductor • Music Ministry
	10	English II (1)	Geometry (1) or Honors Geometry (1)	Biology (1)	Government (½) Contemporary Issues (1/2)		MHS Singers (1)		
	11	Choose One: English III (1) English III Wt (1) English III/Pre AP (1)	Algebra II (1)	Human Phys (1)	World History (1) Or Honors World History (1)	Personal Finance (1/2) Health (1/2)	Public Speaking (1/2)		
	12	Choose One: EN IV (1) AP English (1) En 130/160 (1)	<u>Math Elective</u> College Alg.		<u>SS Elective</u> Psychology (1)		Choraliers (1)		
Credit Totals in each area		4	4		3	4	(28 or more)		

	Area Career Centers	2-Year Community Colleges	4-Year Colleges
Postsecondary	Saline County Career Center http://www.marshallschools.com/sccc/index.html	Linn State Technical College www.linnstate.edu	Central Methodist University www.centralmethodist.edu
		Metropolitan Community Colleges www.mcckc.edu	Missouri State University, Springfield www.missouristate.edu
		Moberly Area Community College www.macc.edu	Missouri Valley College www.moval.edu
		Ozarks Technical Community College www.otc.edu	Northwest Missouri State University www.nwmissouri.edu
		State Fair Community College www.sfccmo.edu	Truman State University www.truman.edu
			University of Central Missouri www.ucm.edu
			University of Missouri-Columbia www.missouri.edu
			University of Missouri-Kansas City www.umkc.edu
			MO University of Science & Technology www.ust.edu

Additionally 4-year Colleges

- Washington University
- Webster University
- South-East MO University
- William Jewell
- Culver-Stockton
- Hannibal LaGrange
- Evangel
- Fontbonne
- College of the Ozarks

Additional out-of-state universities offer outstanding programs as well; see your teacher.

Marshall High School and Saline County Career Center

Plan of Study for the Career Path: Arts & Communication Career Cluster: Visual Arts

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English 4 credits	Math 3 credits	Science 3 credits	Social Studies 3 credits	Other Required Courses 4 credits PE 1 credit Fine Art 1 credit Pract Art 1 credit Health ½ credit Pers Fin ½ credit	Electives 8 Credits Career & Technical Courses and/or Degree Major Courses	Credit Totals each year (25 credits required for graduation)	SAMPLE Occupations Relating to this Pathway
Secondary	9	Eng I (1)	Algebra 1	IPC (1)	American History (1)	Keyboarding (1) Physical Ed. (1) Fine Art (Any) (1)	Art 1 (1), Woods Tech 1 (1) Explorations in Tech (1) Spanish 1 (1) Intro to Business (1)	7	<ul style="list-style-type: none"> • Commercial Artist • Computer Animator • Curator/Gallery Manager • Fashion Designer • Videographer • Web Page Designer • Art Educator • Graphic Designer • Art History • Interior Designer • Art Therapist • Potter • Fine Artists • Glass Blowers • Industrial Designers • Appraisers and Assessors • Art Director • Jeweler • Merchandise Displayer • Museum Tech and Conservators • Photographer • Make up Artist • Set and Exhibit Designers
	10	Eng II (1)	Geometry (1) or Honors Geometry (1)	Biology (1)	Government (1/2) Sociology (1/2)		Art 2 (1), Ceramics 1 (1) Photography (1) Stage Craft and Lighting (1) Woods Tech II (1) Spanish II (1) Entrepreneurship (1/2)	7	
	11	Choose One: Eng III (1) Eng III Wt. (1) Pre AP (1)	Algebra II (1)	Choose One: Human Phys. (1) Biology II (1) Chemistry I (1)	World History (1) Or Honors World History (1)	Personal Finance (1/2) Health (1/2)	Art 3 (1) Adv Photo (1) Graphic Arts/ Desktop Publishing (1) Cas Clothing (1/2) Creat Clothing(1/2) Spanish III (1) Marketing (1)	7	
	12	Choose One: Eng IV (1) EN 130/160 (1) AP Eng (1) Tech Writing (1)	<u>Math Elective</u> College Algebra (1)	<u>Science Elective</u> Physics (1) Prin. of Tech. (1) AP Biology (1)	<u>SS Elective</u> Contemporary Issues (1) Psychology (1)		Art 4 (1) Spanish 4 (1) Adv Marketing (1)	7	
Credit Totals in each area		4	4	4	4	3	8	(28 or more) 28	

Area Career Centers		2-Year Community Colleges	4-Year Colleges
Postsecondary	Saline County Career Center http://www.marshallschools.com/sccc/index.html	St. Louis Community College Florissant Valley http://www.stlcc.edu/	Central Methodist University www.centralmethodist.edu
		Crowder College http://www.crowder.edu/	Missouri State University, Springfield www.missouristate.edu
			Missouri Valley College www.moval.edu
			Northwest Missouri State University www.nwmissouri.edu
			Truman State University www.truman.edu
			University of Central Missouri www.ucm.edu
			University of Missouri-Columbia www.missouri.edu
			University of Missouri-Kansas City www.umkc.edu
			University of Missouri St. Louis www.umsl.edu

Marshall High School and Saline County Career Center

Plan of Study for the Career Path: Business Management & Tech Career Cluster: Business Management

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English 4 credits	Math 3 credits	Science 3 credits	Social Studies 3 credits	Other Required Courses 4 credits <small>PE 1 credit Fine Art 1 credit Pract Art 1 credit Health ½ credit Pers Fin ½ credit</small>	Electives 8 Credits <small>Career & Technical Courses and/or Degree Major Courses</small>	Credit Totals each year <small>(25 credits required for graduation)</small>	SAMPLE Occupations Relating to this Pathway
Secondary	9	Eng I (1)	Algebra I (1)	IPC (1)	American History (1)	Keyboarding (1) Any Fine Art (1_ PE (1)	Intro to Business (1) Spanish I (1)		<ul style="list-style-type: none"> • Administrative Assistant • Advertising Sales Person • Auditor • Business Consultant • Certified Public Accountant • E-Commerce Analyst • Entrepreneur • Facilities Manager • Finance Director • Human Resources Manager • Investment Executive • Marketing Analyst • Medical Transcriptionist • Office Manager • OSHA/ADA Compliance Officer • Personnel Recruiter • Public Relations Manager • Sales Representative • Wholesale and Retail Buyer • Accountant • Actuary • Bill and Account Collector • Commodities Representative • Controller • Credit Analyst • Debt Counselor • Economist • Financial Planner • Foreign Exchange Manager • Insurance Broker • Internal Auditor • Loan Officer • Customer Service Rep.
	10	Eng II (1)	Geometry (1) or Honors Geometry (1)	Biology (1)	Gov (½) Sociology 1 (1/2)		Business Law (1/2) Entrepreneurship (1/2) Spanish II (1) Accounting I (1) Forensics (1/2, 1)		
	11	Choose One: Eng III (1) Eng III Wt. (1) Pre AP (1)	Algebra II (1) AP Stat. (1)	Choose One: Human Phys. (1) Bio. II (1) Chemistry I (1)	World History (1) or Honors World History (1)	Pers. Fin.(1/2) Health (1/2)	Spanish III (1) Comp. Acct. II (1) Marketing I (1) Pubic Speaking (½) Comp. Bus. App. (1)		
	12	Choose One: Eng IV Wt. (1) Eng 130/160 (1) AP Eng (1) Tech Writ (1)	<u>Math Elective</u> Honors Adv. Math (1) AP Calculus (1) College Algebra (1)	<u>Science Elective</u> Physics (1) Prin. Of Tech. (1) Chemistry II (1) AP Biology (1)	<u>SS Elective</u> Psychology (1) Adv. Am. History (1)		Spanish IV (1) Adv. Marketing (1) Marketing Work (1)		
Credit Totals in each area							(28 or more)		

Area Career Centers		2-Year Community Colleges	4-Year Colleges
Postsecondary	Saline County Career Center http://www.marshallschools.com/sccc/index.html	Linn State Technical College www.linnstate.edu	Central Methodist University www.centralmethodist.edu
		Metropolitan Community Colleges www.mcckc.edu	Missouri State University, Springfield www.missouristate.edu
		Moberly Area Community College www.macc.edu	Missouri Valley College www.moval.edu
		Ozarks Technical Community College www.otc.edu	Northwest Missouri State University www.nwmissouri.edu
		State Fair Community College www.sfccmo.edu	Truman State University www.truman.edu
			University of Central Missouri www.ucm.edu
			University of Missouri-Columbia www.missouri.edu
			University of Missouri-Kansas City www.umkc.edu
			MO University of Science & Technology www.ust.edu

Marshall High School and Saline County Career Center

Plan of Study for the Career Path: Business Management & Tech Career Cluster: Information Technology

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English 4 credits	Math 3 credits	Science 3 credits	Social Studies 3 credits	Other Required Courses 4 credits <small>PE 1 credit Fine Art 1 credit Pract Art 1 credit Health ½ credit Pers Fin ½ credit</small>	Electives 8 Credits <small>Career & Technical Courses and/or Degree Major Courses</small>	Credit Totals each year <small>(25 credits required for graduation)</small>	SAMPLE Occupations Relating to this Pathway
Secondary	9	Eng I (1)	Alg-1 (1)	IPC (1)	American History (1)	Keyboarding (1) PE (1) Fine Art (Any) (1)	Intro to Bus. (1) Spanish I (1) Computer Service Repair (1)		<ul style="list-style-type: none"> • Database Administrator • Data Systems Designer • E-Business Specialist • Game Developer • Information Technology Engineer • Media Specialist • Network Administrator • Network Security Analyst • PC Support Specialist • Programmer • Software Applications Specialist • Systems Administrator • Telecommunications Network Technician • User support Specialist • Virtual Reality Specialist • Web Architect/Designer
	10	Eng II (1)	Geometry (1) or Honors Geometry (1)	Biology (1)	Gov (½) Sociology 1 (1/2)		Business Law (1/2) Entrepreneurship (1/2) Spanish II Forensics (1) Web Page Design (1)		
	11	Choose One: Eng III (1) Eng III Wt. (1) Pre AP (1)	Algebra II (1)	Choose One: Chemistry I (1) ABC (1) Prin. Of Tech, (1) Human Phys. (1) Bio. II (1)	World History (1) or Honors World History (1)	Personal Finance (1/2) Health (1/2)	Spanish III (1) Comp. Bus. App. (1) Graphic Arts (3) Networking I (1) Marketing I (1)		
	12	Choose One: Eng IV Wt. (1) Eng 130/160 (1) AP English (1) Tech Writing (1)	<u>Math Elective</u> AP Statistics (1) Honors Adv. Math (1) AP Calculus (1) College Algebra (1)	<u>Science Elective</u> Physics (1) Chemistry II (1) AP Biology (1)	<u>SS Elective</u> Psychology (1)		Spanish IV (1) Networking II (1) Adv. Marketing (1)		
Credit Totals in each area								(28 or more)	

Area Career Centers		2-Year Community Colleges	4-Year Colleges
Postsecondary	Saline County Career Center http://www.marshallschools.com/sccc/index.html	Linn State Technical College www.linnstate.edu	Central Methodist University www.centralmethodist.edu
		Metropolitan Community Colleges www.mcckc.edu	Missouri State University, Springfield www.missouristate.edu
		Moberly Area Community College www.macc.edu	Missouri Valley College www.moval.edu
		Ozarks Technical Community College www.otc.edu	Northwest Missouri State University www.nwmissouri.edu
		State Fair Community College www.sfccmo.edu	Truman State University www.truman.edu
			University of Central Missouri www.ucm.edu
			University of Missouri-Columbia www.missouri.edu
			University of Missouri-Kansas City www.umkc.edu
			MO University of Science & Technology www.ust.edu

Marshall High School and Saline County Career Center

Plan of Study for the Career Path: Business Management & Tech Career Cluster: Marketing, Sales & Service

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English 4 credits	Math 3 credits	Science 3 credits	Social Studies 3 credits	Other Required Courses 4 credits <small>PE 1 credit Fine Art 1 credit Pract Art 1 credit Health ½ credit Pers Fin ½ credit</small>	Electives 8 Credits <small>Career & Technical Courses and/or Degree Major Courses</small>	Credit Totals each year <small>(25 credits required for graduation)</small>	SAMPLE Occupations Relating to this Pathway
Secondary	9	Eng I (1)	Alg-1(1)	IPC (1)	American History (1)	Keyboarding (1) PE (1) Fine Art (Any) (1)	Intro to Business (1) Spanish I (1)		<ul style="list-style-type: none"> • Administrative Assistant • Advertising Sales Person • Auditor • Business Consultant • Certified Public Accountant • E-Commerce Analyst • Entrepreneur • Facilities Manager • Human Resources Manager • Investment Executive • Marketing Analyst • Medical Transcriptionist • Office Manager • OSHA/ADA Compliance Officer • Personnel Recruiter • Public Relations Manager • Sales Representative • Wholesale and Retail Buyer • Accountant • Bill and Account Collector • Commodities Representative • Economist • Financial Planner • Foreign Exchange Manager • Insurance Broker • Internal Auditor • Loan Officer • Customer Service Rep. • Hospitality Mngr. • International Marketing • Realtor • Sports Marketing Director
	10	Eng II (1)	Geometry (1) Or Honors Geometry (1)	Biology (1)	Gov (1/2) Sociology (1/2)		Business Law (1/2) Entrepreneurship (1/2) Spanish II (1) Accounting I (1) Forensics (1/2, 1)		
	11	Choose One: Eng III (1) Eng III Am Lit (1) Pre AP (1)	Alg-2 (1)	Choose One: ABC (1) Prin. Of Tech. (1) Human Phys. (1) Bio. II (1) Chemistry I (1)	World History (1) or Honors World History (1)		Spanish III (1) Comp. Acct. II (1) Marketing I (1) Pub. Speaking (1/2) Comp. Bus. App. (1) Web Design (1) Graphic Arts (1)		
	12	Choose One: Eng IV Wt. (1) Eng 130/160 (1) AP Eng (1) Tech Writing (1)	<u>Math Elective</u> AP Statistics (1) Honors Adv. Math (1) AP Calculus (1) College Algebra (1)	<u>Science Elective</u> Physics (1) Chemistry II (1) AP Bio. (1)	<u>SS Elective</u> Psychology (1) Adv. Am. History (1)		Spanish IV (1) Adv. Marketing (1) Marketing Work (1)		
Credit Totals in each area								(28 or more)	

Area Career Centers		2-Year Community Colleges	4-Year Colleges
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		Metropolitan Community Colleges www.mcckc.edu	Missouri State University, Springfield www.missouristate.edu
		Moberly Area Community College www.macc.edu	Missouri Valley College www.moval.edu
		Ozarks Technical Community College www.otc.edu	Northwest Missouri State University www.nwmissouri.edu
		State Fair Community College www.sfccmo.edu	Truman State University www.truman.edu
			University of Central Missouri www.ucm.edu
			University of Missouri-Columbia www.missouri.edu
			University of Missouri-Kansas City www.umkc.edu
			MO University of Science & Technology www.ust.edu

Marshall High School and Saline County Career Center

Plan of Study for the Career Path: Health Services Career Cluster: Health Services Assistant

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English 4 credits	Math 3 credits	Science 3 credits	Social Studies 3 credits	Other Required Courses 4 credits <small>PE 1 credit Fine Art 1 credit Pract Art 1 credit Health ½ credit Pers Fin ½ credit</small>	Electives 8 Credits <small>Career & Technical Courses and/or Degree Major Courses</small>	Credit Totals each year <small>(25 credits required for graduation)</small>	SAMPLE Occupations Relating to this Pathway
Secondary	9	Eng I (1)	Algebra 1 (1)	IPC (1)	American History (1)	PE (1) Keyboarding (1) Fine Art (any) (1)	AG Science I (1) FACS (1)		Occupations Requiring Less than Baccalaureate Degree <ul style="list-style-type: none"> • Dental Assistant/Hygienist • Dialysis Technology • EMT/Paramedic • Health Information Coder • Home Health Aide • Lab Technician • Medical Assisting • Occupational Therapy Assisting • Phlebotomist • Radiographer • Respiratory Therapy Assisting • Registered Nurse • Surgical Technology Occupations Requiring Baccalaureate Degree <ul style="list-style-type: none"> • Athletic Trainer • Biochemist • Biostatistician • Geneticist • Industrial Hygienist • Midwifery • Nutritionist • Occupational Therapist • Pharmacy Technology • Physical Therapy • Physician (MD/DO) • Psychologist • Radiologist • Research Scientist • Speech/Language Pathologist • Toxicologist • Veterinarian
	10	Eng II (1)	Geometry(1) or Honors Geometry (1)	Biology (1)	Government (1/2) Choose one: Mod Am Hist (1/2) Sociology (1/2) Geography (1/2)		AG Science II (1) Family Relations (1/2) Foods I/II (1)		
	11	Choose one: Eng III (1) Eng III Wt. (1) Pre AP (1)	Algebra II (1)	Choose one: Human Phys. (1) Chemistry (1) Physics (1) Biology II (1)	World History (1) or Honors World History (1)	Per Finance (1/2) Health (1/2)	Computer Based Apps (1) Public Speaking (1/2) Health Occ. (3) Adv Livestock (1/2) Child Development (1/2) Small Animal Care (1/2) Public Speaking (1/2)		
	12	Choose one: Eng IV (1) English IV Wt (1) English 130/160 (1) AP English (1) Tech Read/Write (1)	<u>Math Elective</u> Honors Adv Math (1) AP Calc (1) College Algebra(1) AP Statistics (1)	<u>Science Elective</u> Chemistry II (1) AP Biology (1)	<u>SS Elective</u> Psychology (1) Contemporary Issues (1)		Ag Science electives		
Credit Totals in each area								(28 or more)	

	Area Career Centers	2-Year Community Colleges	4-Year Colleges
Postsecondary	Saline County Career Center http://www.marshallschools.com/sccc/index.html	Linn State Technical College www.linnstate.edu	Central Methodist University www.centralmethodist.edu
	State Fair www.sfccmo.edu	Metropolitan Community Colleges www.mcckc.edu	Missouri State University, Springfield www.missouristate.edu
	Carrollton Area Career Center www.trojans.k12.mo.us/cacc	Moberly Area Community College www.macc.edu	Missouri Valley College www.moval.edu
	Herndon Career Center-Raytown Mo www.raytownschools.org/schools/hs/rqs/hcc/	Ozarks Technical Community College www.otc.edu	Northwest Missouri State University www.nwmissouri.edu
	Moberly Area Career Center www.macc.cc.mo.us	State Fair Community College www.sfccmo.edu	Truman State University www.truman.edu
	Warrensburg Area Votech School www.warrensburg.k12.mo.us	Anthem College-KC www.anthem.edu	University of Central Missouri www.ucm.edu
	Lex La-Ray Technical Center www.lexlaray.com	Jefferson College www.jeffco.edu	University of Missouri-Columbia www.missouri.edu
		Metropolitan CC Maple Woods www.mcckc.edu	University of Missouri-Kansas City www.umkc.edu
		Vatterott College-KC www.vatterott-college.edu	MO University of Science & Technology www.ust.edu

Marshall High School and Saline County Career Center

Plan of Study for the Career Path: Human Services Career Cluster: Education & Training

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English 4 credits	Math 3 credits	Science 3 credits	Social Studies 3 credits	Other Required Courses 4 credits <small>PE 1 credit Fine Art 1 credit Pract Art 1 credit Health ½ credit Pers Fin ½ credit</small>	Electives 8 Credits <small>Career & Technical Courses and/or Degree Major Courses</small>	Credit Totals each year <small>(25 credits required for graduation)</small>	SAMPLE Occupations Relating to this Pathway
Secondary	9	Eng I (1)	Alg. 1 (1)	IPC (1)	American History (1)	P.E. (1) FA (any) (1) Keyboarding (1)	FACS (1) Forensics (1/2, 1)		<ul style="list-style-type: none"> • Administrator • Assessment Specialist • CareerTech Administrator • Child Care Worker • Clinical Psychologist • Coach • College/University Faculty • Counselor • Curriculum Developer • Elementary Teacher • High School Teacher • Middle School Teacher • Principal • Speech-Language Pathologist • Buyer • Community Service Director • Consumer Advocate • Director of Childcare Facility • Licensed Professional Counselor • Market Researcher • Personal Fitness Trainer • School Counselor/ Psychologist • Small Business Owner • Social Worker
	10	Eng II (1)	Geometry (1) or Honors Geometry (1)	Biology (1)	Government (1/2) Sociology I (1/2)				
	11	Choose one: Eng. III Eng. III Am. Lit. Eng. III Pre-AP (1)	Alg. II (1)	Choose one: Chemistry I (1) Human Phys. (1) Biology II (1)	World History (1) or Honors World History (1)	Pers. Fin. (1/2) Health (1/2)	Comp. Bus. App. (1) Child Dev./Fam. Rel. (1) Cadet Teaching (1) Public Speaking (1/2)		
	12	Choose one: Eng. IV Rhet. Comp./Lit. Comp. AP English (1)	<u>Math Elective</u> College Algebra (1) Hon. Adv. Math (1) AP Statistics (1) AP Calculus (1)	<u>Science Elective</u> Chemistry II (1) Physics (1) AP Biology (1)	<u>SS Elective</u> Psychology (1) Adv. Am. History (1)		Take cadet teaching and as many advanced courses in curricular area of choice.		
Credit Totals in each area								(28 or more)	

Area Career Centers		2-Year Community Colleges	4-Year Colleges
Postsecondary	Saline County Career Center http://www.marshallschools.com/sccc/index.html	Linn State Technical College www.linnstate.edu	Central Methodist University www.centralmethodist.edu
		Metropolitan Community Colleges www.mcckc.edu	Missouri State University, Springfield www.missouristate.edu
		Moberly Area Community College www.macc.edu	Missouri Valley College www.moval.edu
		Ozarks Technical Community College www.otc.edu	Northwest Missouri State University www.nwmissouri.edu
		State Fair Community College www.sfccmo.edu	Truman State University www.truman.edu
			University of Central Missouri www.ucm.edu
			University of Missouri-Columbia www.missouri.edu
			University of Missouri-Kansas City www.umkc.edu
			MO University of Science & Technology www.ust.edu

Marshall High School and Saline County Career Center

Plan of Study for the Career Path: Human Services Career Cluster: Hospitality & Tourism

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English 4 credits	Math 3 credits	Science 3 credits	Social Studies 3 credits	Other Required Courses 4 credits PE 1 credit Fine Art 1 credit Pract Art 1 credit Health ½ credit Pers Fin ½ credit	Electives 8 Credits Career & Technical Courses and/or Degree Major Courses	Credit Totals each year (25 credits required for graduation)	SAMPLE Occupations Relating to this Pathway
Secondary	9	Eng I (1)	Alg. 1 (1)	IPC (1)	American History (1)	P.E. (1) FA (any) (1) Keyboarding (1)	FACS (1) Ag. Science I (1) Spanish 1 (1) Intro. to Business (1)		<ul style="list-style-type: none"> • Baker • Casino Manager • Caterer • Concierge • Convention Services Mgr • Director of Operations-Lodging • Director of Tourism Dev • Event Planner • Executive Chef • Facilities Manager • Maitre d' • Museum Director • Reservations Manager • Restaurant Owner/Manager • Sports Promoter • Theme Park Manager • Tour and Travel Guide • Travel Agent
	10	Eng II (1)	Geometry (1) or Honors Geometry (1)	Biology (1)	Gov (1/2) Sociology I (1)		Foods I/Foods II (1) Business Law (1/2) Entrepreneurship (1/2) Accounting I (1) Ag. Science II (1) Spanish 2 (1)		
	11	Choose one: Eng. III (1) Eng. III Am. Lit. (1) Eng. III Pre-AP (1)	Algebra II (1)	Choose one: Chemistry I (1) Human Phys. (1) Biology II (1)	World History (1) or Hon. World History (1)	Pers. Fin. (1/2) Health (1/2)	Culinary Arts (3) Interior Design (1/2) Fund. of Marketing (1) Comp. Bus. App. (1) Accounting 2 (1) Conservation and Nat. Res. (1) Spanish III (1)		
	12	Choose One: Eng. IV (1) Eng 130/160 (1) AP English Tech. Read & Write (1) Multicultural Lit. (1)	<u>Math Elective</u> College Alg. (1) Hon. Adv. Math (1) AP Statistics (1) AP Calculus (1)	<u>Science Elective</u> Chemistry II (1) Physics (1) AP Biology (1)	<u>SS Elective</u> Psychology (1) Adv. Am. History (1)	Public Speaking (1/2)	Adv. Marketing (1) Small Animal Care & Prod. (1/2) Spanish IV (1)		
Credit Totals in each area								(28 or more)	

Area Career Centers		2-Year Community Colleges	4-Year Colleges
Postsecondary	Saline County Career Center http://www.marshallschools.com/sccc/index.html	Linn State Technical College www.linnstate.edu	Central Methodist University www.centralmethodist.edu
		Metropolitan Community Colleges www.mcckc.edu	Missouri State University, Springfield www.missouristate.edu
		Moberly Area Community College www.macc.edu	Missouri Valley College www.moval.edu
		Ozarks Technical Community College www.otc.edu	Northwest Missouri State University www.nwmissouri.edu
		State Fair Community College www.sfccmo.edu	Truman State University www.truman.edu
		Kansas City Art Institute www.kcai.edu	University of Central Missouri www.ucm.edu
			University of Missouri-Columbia www.missouri.edu
			University of Missouri-Kansas City www.umkc.edu
			MO University of Science & Technology www.ust.edu

Marshall High School and Saline County Career Center

Plan of Study for the Career Path: Human Services Career Cluster: Human Services

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English 4 credits	Math 3 credits	Science 3 credits	Social Studies 3 credits	Other Required Courses 4 credits <small>PE 1 credit Fine Art 1 credit Pract Art 1 credit Health ½ credit Pers Fin ½ credit</small>	Electives 8 Credits <small>Career & Technical Courses and/or Degree Major Courses</small>	Credit Totals each year <small>(25 credits required for graduation)</small>	SAMPLE Occupations Relating to this Pathway
Secondary	9	Eng I (1)	Alg. 1 (1)	IPC (1)	American History (1)	P.E. (1) Keyboarding (1) Any Fine Art (1)	FACS (1) Forensics (1/2, 1) Intro. to Business (1)		<ul style="list-style-type: none"> Administrator Assessment Specialist CareerTech Administrator Child Care Worker Clinical Psychologist Coach College/University Faculty Counselor Curriculum Developer Elementary Teacher High School Teacher Middle School Teacher Principal Speech-Language Pathologist
	10	Eng II (1)	Geometry (1) or Honors Geometry (1)	Biology (1)	Gov (1/2) Sociology I (1/2) World Geography (1/2)		Spanish I (1) Bus. Law (1/2) Entrepreneurship (1/2) Foods I/II (1) Art II (1) Casual Clothing (1/2)		
	11	Choose one: Eng. III (1) Eng. III Am. Lit. (1) Eng. III Pre-AP (1)	Algebra II (1)	Choose one: Chemistry I (1) Human Phys. (1) Biology II (1)	World History (1) or Honors World History (1)	Pers. Fin. (1/2) Health (1/2)	Comp. Bus. App. (1) Child Dev./Fam. Rel. (1) Spanish II (1) Art III (1) Marketing (1)		<ul style="list-style-type: none"> Buyer Community Service Director Consumer Advocate Director of Childcare Facility Licensed Professional Counselor Market Researcher Personal Fitness Trainer School Counselor/ Psychologist Small Business Owner Social Worker
	12	Choose one: Eng. IV (1) Eng 130/160 (1) AP English (1) Tech. Reading & Writing (1) Multicultural Lit. (1)	<u>Math Electives</u> College Algebra (1) Hon. Adv. Math (1) AP Statistics (1) AP Calculus (1)	<u>Science Electives</u> Chemistry II (1) Physics (1) AP Biology (1)	<u>SS Electives</u> Psychology (1) Adv. Am. History (1)	Public Speaking (1/2)	Spanish III (1) Sr. Cont. Living (1) Art IV (1) Adv Marketing (1)		
Credit Totals in each area							(28 or more)		

Area Career Centers		2-Year Community Colleges	4-Year Colleges
Postsecondary	Saline County Career Center http://www.marshallschools.com/sccc/index.html	Linn State Technical College www.linnstate.edu	Central Methodist University www.centralmethodist.edu
		Metropolitan Community Colleges www.mcckc.edu	Missouri State University, Springfield www.missouristate.edu
		Moberly Area Community College www.macc.edu	Missouri Valley College www.moval.edu
		Ozarks Technical Community College www.otc.edu	Northwest Missouri State University www.nwmissouri.edu
		State Fair Community College www.sfccmo.edu	Truman State University www.truman.edu
			University of Central Missouri www.ucm.edu
			University of Missouri-Columbia www.missouri.edu
			University of Missouri-Kansas City www.umkc.edu
			MO University of Science & Technology www.ust.edu

Marshall High School and Saline County Career Center

Plan of Study for the Career Path: Industrial & Engineering Tech Career Cluster: Architecture & Construction

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English 4 credits	Math 3 credits	Science 3 credits	Social Studies 3 credits	Other Required Courses 4 credits PE 1 credit Fine Art 1 credit Pract Art 1 credit Health ½ credit Pers Fin ½ credit	Electives 8 Credits Career & Technical Courses and/or Degree Major Courses	Credit Totals each year (25 credits required for graduation)	SAMPLE Occupations Relating to this Pathway
Secondary	9	Eng I (1)	Algebra I (1)	IPC (1)	American History (1)	PE (1) Fine Art (any) (1)	Woods I (1) Explo in Tech (1) Ag Science I (1)		<ul style="list-style-type: none"> • Air Traffic Control • Architect • Carpenter • Civil Engineer • Commercial Pilot or Flight Crew • Cost Estimator • Construction Foreman/Manager • Drafter • Electrical Power-Line Installer & Repairer • Electrician • Electronic Systems Technician • Engineering • Equipment/Material Manager • Flight Instructor • General Contractor/Builder • Heating, Ventilation, Air Conditioning and Refrigeration Mechanic • Industrial Designers • Insurance Adjustor/Examiner • Interior Designer • Machinist • Pipe Fitters • Plumber • Private Pilot • Project Estimator • Project Inspector • Safety Director • Sheet Metal Worker • Truck and Bus Driving • Urban and Regional Planner
	10	Eng II (1)	Geometry (1) or Honors Geometry (1)	Biology (1)	Government (½) Choose one: Sociology (1/2) World Geography (1/2) Mod Am History (1/2)		Arch Drafting (1) Ag Science II (1) Stagecraft/Lighting (1) Accounting (1) Woods II (1)		
	11	Choose one: Eng III (1) Eng III Wt. (1) Pre AP (1)	Algebra II (1)	Choose one: Prin. of Tech. (1) Chemistry I (1) Physics (1)	World History (1) or Honors World History (1)	Personal Finance (1/2) Health (1/2)	Const Trades I (3) Accounting II (1) Ag Structures (1) Ag Construction (2)		
	12	Choose one: Eng IV wt. (1) EN 130/160 (1) AP English (1) Tech Read/Writing (1)	<u>Math Electives</u> College Algebra (1) Honors Adv Math (1) AP Stat (1) Calculus (1)	<u>Science Elective</u> Chemistry II (1)	<u>SS Elective</u> Adv Am History (1)		Comp Bus App I (1) Const Trades II (3)		
Credit Totals in each area							(28 or more)		

Area Career Centers		2-Year Community Colleges	4-Year Colleges
Postsecondary	Saline County Career Center http://www.marshallschools.com/sccc/index.html	Linn State Technical College www.linnstate.edu	Central Methodist University www.centralmethodist.edu
		Metropolitan Community Colleges www.mcckc.edu	Missouri State University, Springfield www.missouristate.edu
		Moberly Area Community College www.macc.edu	Missouri Valley College www.moval.edu
		Ozarks Technical Community College www.otc.edu	Northwest Missouri State University www.nwmissouri.edu
		State Fair Community College www.sfccmo.edu	Truman State University www.truman.edu
			University of Central Missouri www.ucm.edu
			University of Missouri-Columbia www.missouri.edu
			University of Missouri-Kansas City www.umkc.edu
			MO University of Science & Technology www.ust.edu

Marshall High School and Saline County Career Center

Plan of Study for the Career Path: Industrial & Engineering Tech Career Cluster: Science & Engineering

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English 4 credits	Math 3 credits	Science 3 credits	Social Studies 3 credits	Other Required Courses 4 credits PE 1 credit Fine Art 1 credit Pract Art 1 credit Health ½ credit Pers Fin ½ credit	Electives 8 Credits Career & Technical Courses and/or Degree Major Courses	Credit Totals each year (25 credits required for graduation)	SAMPLE Occupations Relating to this Pathway
Secondary	9	Eng I (1)	Algebra I (1)	IPC (1)	American History (1)	PE (1) Fine Art (Any) (1) Keyboarding (1)	Explo in Tech (1) Comp Serv Repair (1) Ag Science I (1)		<ul style="list-style-type: none"> • Aerospace Engineer • Agricultural Engineer • Analytical Chemist • Anthropologist • Architectural Engineer • Astrophysicist • Biomedical Engineer • CAD Technician • Civil Engineer • Computer Programmer • Ecologist • Geologist • Geothermal Engineer • Math Teacher • Mathematician • Metallurgist • Statistician • Survey Technician • Zoologist
	10	Eng II (1)	Geometry (1) or Honors Geometry (1)	Biology (1)	Government (½) Choose one: Sociology (1/2) World Geography (1/2) Mod Am Hist (1/2)		Arch Drafting (1) Ag Science II (1)		
	11	Choose one: Eng III (1) Eng III Wt. (1) Pre AP (1)	Algebra II (1)	Choose one: Chemistry I (1) Physics (1)	World History (1) or Honors World History (1)	Health (1/2) Personal Finance (1/2)	Network Tech I (1) Small Animal Care (1/2)		
	12	Choose one: Eng IV Wt. (1) Eng 130/160 (1) AP English (1) Tech Writing (1)	<u>Math Electives</u> College Algebra (1) Honors Adv Math (1) Calculus (1) AP Statistics (1)	<u>Science Electives</u> Chemistry II (1) Physics (1) AP Biology (1)	<u>SS Elective</u> Adv Am History (1) Contemporary Issues (1)		Network Tech 2 (1) Conservation and Natural Resources (1)		
Credit Totals in each area								(28 or more)	

Area Career Centers		2-Year Community Colleges	4-Year Colleges
Postsecondary	Saline County Career Center http://www.marshallschools.com/sccc/index.html	Linn State Technical College www.linnstate.edu	Central Methodist University www.centralmethodist.edu
		Metropolitan Community Colleges www.mcckc.edu	Missouri State University, Springfield www.missouristate.edu
		Moberly Area Community College www.macc.edu	Missouri Valley College www.moval.edu
		Ozarks Technical Community College www.otc.edu	Northwest Missouri State University www.nwmissouri.edu
		State Fair Community College www.sfccmo.edu	Truman State University www.truman.edu
			University of Central Missouri www.ucm.edu
			University of Missouri-Columbia www.missouri.edu
			University of Missouri-Kansas City www.umkc.edu
			MO University of Science & Technology www.ust.edu

Marshall High School and Saline County Career Center

Plan of Study for the Career Path: Industrial & Engineering Tech Career Cluster: Transportation & Logistics

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English 4 credits	Math 3 credits	Science 3 credits	Social Studies 3 credits	Other Required Courses 4 credits PE 1 credit Fine Art 1 credit Pract Art 1 credit Health ½ credit Pers Fin ½ credit	Electives 8 Credits Career & Technical Courses and/or Degree Major Courses	Credit Totals each year (25 credits required for graduation)	SAMPLE Occupations Relating to this Pathway
Secondary	9	Eng I (1)	Algebra I (1)	IPC (1)	American History (1)	PE (1) Fine Art (Any) 1 (1) Keyboarding (1)	Explo in Tech (1) Ag Science I (1)		<ul style="list-style-type: none"> • Airplane Pilot/Co-Pilot • Air Traffic Controller • Auto Body Repair • Automotive Technology • Aviation Maintenance Technology • Boat Maintenance & Repair • Diesel Technology • Electrical & Electronics Equip' Installation & Repair • Avionics Technician • Cargo and Freight Agent • Customs Inspector • Environmental Manager • Facility engineer • Industrial Equipment Mechanic • Industrial Mechanics • Industrial and Packaging Engineer • International Logistics Specialist • Locomotive Engineer • Marine Captain • Mechanics & Maintenance • Motorcycle Repair • Port Manager • Safety Analyst • Small Engine Repair • Storage and Distribution Manager • Transportation Manager • Truck Driver • Urban and Regional Planner • Warehouse Manager
	10	Eng II (1)	Geometry (1) or Honors Geometry (1)	Biology (1)	Government (1/2) Choose one: Sociology (1/2) Geography (1/2)		Accounting 1 (1) Ag Science II (1)		
	11	Choose one: Eng III (1) Eng III Wt. (1) Pre AP (1)	Algebra II (1)	Choose one: Prin of Tech (1) Chemistry I (1) App Bio Chem (1)	World History (1) or Honors World History (1)	Health (1/2) Personal Finance (1/2)	Auto Mechanics I (3) Arch Drafting (1)		
	12	Choose one: Engl IV Wt. (1) EN 130/160 (1) AP English (1) Tech Writing (1)	<u>Math Elective</u> College Algebra (1) Honors Adv Math (1) Calculus (1) AP Statistics (1)	<u>Science Electives</u> Physics (1) Chemistry II (1)			Auto Mechanics II (3) Accounting II (1)		
Credit Totals in each area							(28 or more)		

Area Career Centers		2-Year Community Colleges	4-Year Colleges
Postsecondary	Saline County Career Center http://www.marshallschools.com/sccc/index.html	Linn State Technical College www.linnstate.edu	Central Methodist University www.centralmethodist.edu
		Metropolitan Community Colleges www.mcckc.edu	Missouri State University, Springfield www.missouristate.edu
		Moberly Area Community College www.macc.edu	Missouri Valley College www.moval.edu
		Ozarks Technical Community College www.otc.edu	Northwest Missouri State University www.nwmissouri.edu
		State Fair Community College www.sfccmo.edu	Truman State University www.truman.edu
			University of Central Missouri www.ucm.edu
			University of Missouri-Columbia www.missouri.edu
			University of Missouri-Kansas City www.umkc.edu
			MO University of Science & Technology www.ust.edu

Marshall High School and Saline County Career Center

Plan of Study for the Career Path: Natural Resources Career Cluster: AgriBusiness Systems

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English 4 credits	Math 3 credits	Science 3 credits	Social Studies 3 credits	Other Required Courses 4 credits PE 1 credit Fine Art 1 credit Pract Art 1 credit Health ½ credit Pers Fin ½ credit	Electives 8 Credits Career & Technical Courses and/or Degree Major Courses	Credit Totals each year (25 credits required for graduation)	SAMPLE Occupations Relating to this Pathway
Secondary	9	Eng I (1)	Algebra 1 (1)	IPC (1)	American History (1)	PE (1) Fine Art (any) (1) Keyboarding (1)	Ag. Science 1 (1) Intro to Business (1)		<i>Occupations Requiring Postsecondary Education</i> <ul style="list-style-type: none"> • Agricultural Chemical Dealer • Aquaculturalist • Bank/Loan Office • Environmental Compliance-Assurance Manager • Equine Manager • Farm Manager • Health and Safety Sanitarian • Meat Cutter-Meat Grader • Park Manager • Produce Buyer • Recycling Technician • Wildlife Manager • Cooperative Manager • Seed-stock Producer • Ag Marketing • Crop Adjuster • Insurance Agent <i>Occupations Requiring Baccalaureate Degree</i> <ul style="list-style-type: none"> • Agricultural Educator • Botanist • Ecologist • Environmental Engineer • Fish and Game Officer • Plant Pathologist • Veterinarian • Agricultural Sales Representative
	10	Eng II (1)	Geometry (1) or Honors Geometry (1)	Biology (1)	Gov (1/2) Choose one: Sociology (1/2) Mod Am Hist (1/2) Geography (1/2)		Ag. Science 2 (1)		
	11	Choose one: English III (1) Eng III Wt. (1) Pre-AP (1)	Algebra II (1)	Choose one: Chemistry (1) Biology II (1)	World History (1) Or Honors World History (1)	Personal Finance (1/2) Health (1/2)	Adv.Livestock (1/2) Adv. Crops (1/2) Ag. Management and Economics (1) Fundamentals of Marketing (1) Conservation and Natural Resources (1) Accounting (1) Comp Bus Apps (1)		
	12	Choose one: English IV Wt. (1) EN 130/160 (1) AP English (1) Tech Writing (1)	<u>Math Electives</u> College Algebra (1) Honors Adv Math (1) AP Stats (1) Calculus (1)	<u>Science Elective</u> AP Biology (1)			Adv Marketing (1) Accounting II (1) Ag Structures (1) Ag Construction (2)		
Credit Totals in each area		4	3	3	3			(28 or more)	

Area Career Centers		2-Year Community Colleges	4-Year Colleges
Postsecondary	Saline County Career Center http://www.marshallschools.com/sccc/index.html	Crowder College, Neosho http://www.crowder.edu	Lincoln University, Jefferson City http://www.lincolnu.edu
		Mineral Area College, Park Hills http://www.mineralarea.edu	Missouri State University, Springfield www.missouristate.edu
		North Central Missouri College, Trenton http://www.ncmissouri.edu	Northwest Missouri State University www.nwmissouri.edu
		State Fair Community College, Sedalia http://www.sfccmo.edu	Truman State University www.truman.edu
		Three Rivers Community College, Popular Bluff http://www.trcc.edu	University of Central Missouri www.ucm.edu
			University of Missouri-Columbia www.missouri.edu
			University of Missouri-Kansas City www.umkc.edu
			William Woods University, Fulton (Masters only) http://www.thewoods.edu

Marshall High School and Saline County Career Center

Plan of Study for the Career Path: Natural Resources Career Cluster: Animal Systems

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English 4 credits	Math 3 credits	Science 3 credits	Social Studies 3 credits	Other Required Courses 4 credits PE 1 credit Fine Art 1 credit Pract Art 1 credit Health ½ credit Pers Fin ½ credit	Electives 8 Credits Career & Technical Courses and/or Degree Major Courses	Credit Totals each year (25 credits required for graduation)	SAMPLE Occupations Relating to this Pathway
Secondary	9	Eng I (1)	Algebra (1)	IPC (1)	American History (1)	PE (1) Fine Art (any) (1) Keyboarding (1)	Ag Science I (1)		<ul style="list-style-type: none"> • Agricultural Educator • Livestock Producer • Veterinarian • Animal Nutritionist • Livestock Buyer • Wildlife Biologist • Dairy Producer • USDA Inspectors • Embryo Transfer Specialist • Artificial Insemination Specialist • Food Scientist • Meat Cutter • Ag Sales • Equine Science
	10	Eng II (1)	Geometry (1) or Honors Geometry (1)	Biology (1)	Gov (1/2) Choose one: Sociology (1/2) World Geography (1/2)		Ag Science II (1) Accounting (1) Small Animal Care (1/2) Food Science(1/2)		
	11	Choose one: Eng III (1) Eng III Wt. (1) Pre AP (1)	Algebra II (1)	Choose one: Chemistry (1) Biology II (1)	World History (1) Or Honors World History (1)	Health (1/2) Personal Finance (1/2)	Accounting II (1) Conservation and Natural Resources (1)		
	12	Choose one: Eng IV Wt. (1) Eng 130/160 (1) AP Eng (1) Tech Writing (1)	<u>Math Elective</u> College Algebra (1) Honors Adv Math (1) AP Stats (1) Calculus (1)	<u>Science Elective</u> AP Bio (1)	<u>SS Elective</u> Psychology (1) Contemporary Issues (1)		Adv. Livestock (1/2) Crop Production (1/2) Ag Management (1)		
Credit Totals in each area								(28 or more)	

Area Career Centers		2-Year Community Colleges	4-Year Colleges
Postsecondary	Saline County Career Center http://www.marshallschools.com/sccc/index.html	Linn State Technical College www.linnstate.edu	College of the Ozarks www.cofo.edu
	Petropolis Academy of Grooming and Training www.petropolis.com	Metropolitan Community Colleges www.mcckc.edu	Missouri State University, Springfield www.missouristate.edu
		Ozarks Technical Community College www.otc.edu	Stephen's College www.stephens.edu
			Northwest Missouri State University www.nwmissouri.edu
			Truman State University www.truman.edu
			University of Missouri-Columbia www.missouri.edu

Marshall High School and Saline County Career Center

Plan of Study for the Career Path: Natural Resources Career Cluster: Plant Systems

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English 4 credits	Math 3 credits	Science 3 credits	Social Studies 3 credits	Other Required Courses 4 credits PE 1 credit Fine Art 1 credit Pract Art 1 credit Health ½ credit Pers Fin ½ credit	Electives 8 Credits Career & Technical Courses and/or Degree Major Courses	Credit Totals each year (25 credits required for graduation)	SAMPLE Occupations Relating to this Pathway
Secondary	9	Eng I (1)	Algebra I (1)	IPC (1)	American History (1)	PE (1) Fine Art (any) (1) Keyboarding (1)	Ag Science I (1)		<ul style="list-style-type: none"> • Agricultural Educator • Livestock Producer • Veterinarian • Animal Nutritionist • Livestock Buyer • Wildlife Biologist • Dairy Producer • USDA Inspectors • Embryo Transfer Specialist • Artificial Insemination Specialist • Food Scientist • Meat Cutter • Ag Sales • Equine Science
	10	Eng II (1)	Geometry (1) or Honors Geometry (1)	Biology (1)	Gov (½) Choose one: Sociology (1/2) World Geography (1/2)		Ag Science II (1) Greenhouse(1)		
	11	Choose one: Eng III (1) Eng III Wt. (1) Pre AP (1)	Algebra II (1)	Choose one: Chemistry (1) Biology II (1)	World History (1) Or Honors World History (1)	Health (1/2) Personal Finance (1/2)	Crop Production (1/2) Adv Greenhouse (1) Ag Management (1)		
	12	Choose one: Eng IV Wt. (1) EN 130/160 (1) AP Eng (1) Tech Writing (1)	<u>Math Electives</u> Advanced Math (1) College Algebra (1) AP Statistics (1) Calculus (1)	<u>Science Electives</u> AP Bio (1)			Landscaping (1) Nat Res and Cons (1) Forensics (1)		
Credit Totals in each area								(28 or more)	

	Area Career Centers	2-Year Community Colleges	4-Year Colleges
Postsecondary	Saline County Career Center http://www.marshallschools.com/sccc/index.html	Linn State Technical College www.linnstate.edu	Southeast Missouri State University www.semo.edu
		Metropolitan Community Colleges www.mcckc.edu	Missouri State University, Springfield www.missouristate.edu
		State Fair Community College www.sfccmo.edu	University of Central Missouri www.ucm.edu
		Missouri State University-West Plains www.wp.missouristate.edu	Northwest Missouri State University www.nwmissouri.edu
			College of the Ozarks www.cofo.edu
			University of Missouri-Columbia www.missouri.edu

Marshall High School and Saline County Career Center

Plan of Study for the Career Path: Natural Resources Career Cluster: Power Structural & Tech Systems

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

Education Levels	Grade	English 4 credits	Math 3 credits	Science 3 credits	Social Studies 3 credits	Other Required Courses 4 credits PE 1 credit Fine Art 1 credit Pract Art 1 credit Health ½ credit Pers Fin ½ credit	Electives 8 Credits Career & Technical Courses and/or Degree Major Courses	Credit Totals each year (25 credits required for graduation)	SAMPLE Occupations Relating to this Pathway
Secondary	9	Eng I (1)	Algebra I (1)	IPC (1)	American History (1)	PE (1) Fine Art (any) (1) Keyboarding (1)	Ag Science I (1)		<i>Occupations Requiring Postsecondary Education</i> <ul style="list-style-type: none"> • Automotive welding • Aircraft and Aerospace • Electronics/Medical • Light Industrial • Heavy Industrial • Construction Repair <i>Occupations Requiring Baccalaureate Degree</i>
	10	Eng II (1)	Geometry (1) or Honors Geometry (1)	Biology (1)	Gov (1/2) Choose one: Sociology (1/2) World Geography (1/2) Mod Am Hist (1/2)		Ag Science II (1) Intro to Business (1)		
	11	Choose one: English III (1) English III Wt. (1) Pre-AP (1)	Algebra II (1)	Choose one: Chemistry (1) Prin. of Tech. (1)	World History (1) or Honors World History (1)	Personal Finance (1/2) Health (1/2)	Ag Structures I (1) Ag Construction I (2)		
	12	Choose one: Eng IV Wt. (1) EN 130/160 (1) AP Eng (1) Tech Writing (1)	<u>Math Elective</u> College Algebra (1) Honors Adv Math (1) AP Stats (1) Calculus (1)	<u>Science Elective</u> Physics (1)			Drafting (1)		
Credit Totals in each area								(28 or more)	

Area Career Centers		2-Year Community Colleges	4-Year Colleges
Postsecondary	Saline County Career Center http://www.marshallschools.com/sccc/index.html Missouri Welding Institute, Inc.	Linn State Technical College www.linnstate.edu	
		Metropolitan Community Colleges www.mcckc.edu	
		Moberly Area Community College www.macc.edu	
		Ozarks Technical Community College www.otc.edu	
		State Fair Community College www.sfccmo.edu	
		<i>East Central College</i>	
		<i>Jefferson College</i>	
		<i>Vatterott College - St. Ann</i>	