

Four Rivers Career Center

Agriculture Career Cluster Program of Study www.fourriverscc.org

Minimum Graduation Requirements			3	SUGGESTED COURSE OF HIGH SCHOOL STUDY It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.					
	Grade	English	Math	Science	Social Studies	Electives or Fine/Practical Arts	FRCC and Fine/Practical Arts	Additional Learning Opportunities	
Secondary	9	ENGLISH I	PATH A: Algebra I Concepts Pre-Algebra PATH B/C: Algebra I Geometry Honors Geometry	PATH A: Applied Biology PATH B/C: Biology I Honors Biology I	United States History	PATH A/B/C: Food & Nutrition * Cultural Foods* Modern Manufacturing Into to Woods* Modern Manufacturing Intro to Metals* Design and Construction* Computer Applications* PATH B/C: PLTW Into to Engineering World Language	HEALTH & PE Ag Science I	School-Based: Career Research Cooperative Education Internship Job Shadowing Service Learning Project Community Based: Mentorship	
	10	PATH A/B/C: English II PATH B/C: Honors English II	PATH A/B: Algebra I Concepts Geometry Concepts Geometry PATH C: Algebra II Honors Algebra II	PATH A/B: Applied Chemistry Chemistry I PATH C: Honors Chemistry I Physics I	World Studies	Any Elective Listed Above PATH A/B/C: Modern Manufacturing Woodworking Modern Manufacturing Metalworking PATH B/C: Ecology* Business Essentials*	Personal Finance * Ag. Science II	Volunteer Part-time Employment Other:	
	11	PATH A: Speech and Debate* Technical and Career Writing* PATH B/C: AP Lit & Composition CC Public Speaking CC Comp	PATH A: Geometry Concepts Algebra II Concepts Algebra II PATH B/C: Algebra II (CC) Pre-Calculus Algebra II	PATH A: Applied Physics PATH B/C: Chemistry I Chemistry II PATH C: AP Chemistry AP Physics I	PATH A/B: Government* Social Studies * PATH C: AP Government	Any Elective Listed Above PATH A/B/C: A+ Tutor * Fine Art choice ACT Prep * PATH C: World Language ACT Prep* A+ Tutor * Intro to Engineering	PATH A/B/C: (Offered every other year) Greenhouse Operations Mgmt Ag Construction Veterinary Science Horticulture * Animal Science Agricultural Mechanics		
	12	PATH A/B/C: Choice PATH C: AP Lit & Composition CC Public Speaking CC Comp	PATH A: Algebra III Concepts PATH B/C: College Prep Algebra AP Statistics CC Algebra AP Calculus (CC) Pre-Calculus Math Analysis and Statistics	PATH A: Elective Choice Fine Art Choice PATH B/C: Chemistry I Chemistry II AP Chemistry AP Physics	PATH A/B/C: Elective Choice Fine Art Choice	Any Elective Listed Above PATH A/B/ C: Leadership Class * ½ credit hour	PATH A/B/C: (Offered every other year) Greenhouse Operations Mgmt Ag Construction Veterinary Science Horticulture * Animal Science Agricultural Mechanics Ag CoOp		

	Academic Focus for Success at Four Rivers Career Center									
	Core Ac	ademics	Physical/Health Fine/Practical Arts		Professionalism					
Focus on Academics	Mathematics: Science: General:	English Language Arts : Social Studies :			Reliable Motivated Work independently Follow multi-step directions Prepared daily Teamwork Attention to detail Code of ethics Flexible Task oriented Punctual Professional attitude Professional communication Trade related professional attire Respectful and courteous Competent Enthusiastic Empathetic Anger management					
				w.careerclusters.org or www.missourice						
Deni Hom Med Med Med Pers Phai Phai Phys	On-The-Job Training or Less al Assistants al Laboratory Technicians be Health Aides ical Appliance Technicians ical Assistants ical Equipment Preparers ical Secretaries onal and Home Care Aides macy Aides macy Technicians ical Therapist Aides chiatric Aides	Technical Training o Cardiovascular Technologists Dental Hygienists Emergency Medical Technicia Health Information Techniciar Licensed Practical Nurses Medical Laboratory Technicia Medical Sonographers Medical Transcriptionists Nursing Assistants Occupational Therapist Assist Physical Therapist Assistants Radiation Therapists Radiologic Technologists Registered Nurses Respiratory Therapists Surgical Technologists Veterinary Technologists and	Administrativ Athletic Trair Biomedical E Computer Pr Computer Sc Dietitians Health Educi Medical and Medical Labo Occupationa Orthotic and Petroleum E Public Relati Recreational Rehabilitatio	Engineers rogrammers oftware Engineers, Applications ators Clinical Laboratory Technologists oratory Technologists al Health and Safety Specialists Prosthetic Specialists ngineers ions Specialists	Masters Degree or More Athletic Trainers, Physical and Occupational Therapists Biologists, Physicists, Hydrologists, Epidemiologists Clinical Psychologists and Mental Health Counselors Computer and Information Scientists, Research Dietitians and Nutritionists Farm and Home Management Advisors Health Specialties Teachers, Postsecondary Home Economics Teachers, Postsecondary Medical and Health Services Managers Medical Scientists, Except Epidemiologists Natural Sciences Mgrs, Zoologists and Wildlife Biologists Nurse Anesthetists and Physician Assistants Orthotics and Prosthetics Pharmacists Speech-Language Pathologists Communications Teachers, Postsecondary Veterinarians					