



Program Learning Outcomes Results

Professional and Technical Programs

AY 2023-24

AS Agriculture				
Core Abilities	Program Learning Outcomes	Benchmark/Target	Results	Comments
Occupational Skills Technology	Demonstrate knowledge of scientific principles and emerging technologies related to agriculture.	Met	100%	
Social Skills	Use knowledge and research to make informed and ethical decisions in a diverse agricultural industry.	Met	100%	Average score was 85%
	Describe and analyze current events and issues in agriculture, and how they affect the future of agricultural industries.			This PLO was not assessed in AY 2023-24
AS Natural Resources				
Core Abilities	Program Learning Outcomes	Benchmark/Target	Results	Comments
Occupational Skills Technology	Describe basic scientific principles and applications of technology in natural resources.	Met	100%	
Social Skills	Recognize how natural resource management relates to the larger environment, economy, and society.	Not Met	33%	Offer additional instruction time
	Explain biological processes that influence ecosystems and the sustainability of natural resources.			This PLO was not assessed in AY 2023-24
AS Business				
Core Abilities	Program Learning Outcomes	Benchmark/Target	Results	Comments
Communication	Communicate professionally in oral and written communication.	Met	75%	Oral communication was not assessed in one area. Will follow up the next time this PLO is assessed.
Social Skills	Demonstrate the importance of ethical concepts in business practices.	Met	95%	
	Correctly apply business concepts and theories in business decision-making			This PLO was not assessed in AY 2023-24

C Communication O ccupational Skills L ife Skills T echnology S ocial Skills

	Identify and incorporate appropriate technologies to solve practical business problems and/or present data.			This PLO was not assessed in AY 2023-24
	Apply critical thinking skills to make appropriate decisions.			This PLO was not assessed in AY 2023-24
	Demonstrate teambuilding skills in business situations.			This PLO was not assessed in AY 2023-24
AAS General Business				
Core Abilities	Program Learning Outcomes	Benchmark/Target	Results	Comments
Communication	Communicate professionally in oral and written communication.	Met	75%	Oral communication was not assessed in one area. Will follow up the next time this PLO is assessed.
Social Skills	Identify ethical issues when making business decisions.	Met	95%	
	Apply critical thinking skills to make decisions.			This PLO was not assessed in AY 2023-24
	Use technology to clearly communicate, calculate, and present concepts and data.			This PLO was not assessed in AY 2023-24
	Apply fundamental business principles to address corporate challenges.			This PLO was not assessed in AY 2023-24
	Solve a business problem or support a business process by using standard software.			This PLO was not assessed in AY 2023-24
TC Cosmetology				
Core Abilities	Program Learning Outcomes	Benchmark/Target	Results	Comments
	Successfully pass the Arkansas State Board Cosmetology Exam.			This PLO was not assessed in AY 2023-24
Occupational Skills Technology	Apply knowledge of the color wheel to perform chemical services.	Met	88%	
Occupational Skills	Recognize skin types and skin disorders.	Not Met	50%	Create a research project for students and require students to use flash cards as a study tool.
	Demonstrate basic principles of hair analysis, haircutting, and hairstyling.			This PLO was not assessed in AY 2023-24
	Implement safety skills relevant to the career field.			This PLO was not assessed in AY 2023-24

Communication **O**ccupational Skills **L**ife Skills **T**echnology **S**ocial Skills

	Identify business skills and activities required for the successful establishment and operation of a small business in a salon or spa environment.			This PLO was not assessed in AY 2023-24
TC Automotive/Diesel				
Core Abilities	Program Learning Outcomes	Benchmark/Target	Results	Comments
Occupational Skills	Apply EPA and OSHA safety standards.	Met	100%	What is the % of students that needed remediation? How many failed/passed on the first attempt?
	Demonstrate proper techniques while performing routine inspections and preventive maintenance.			The instructor did not submit assessment forms before his resignation.
	Inspect, diagnose, and repair the major systems found in current auto and diesel vehicles.			This PLO was not assessed in AY 2023-24
	Determine the proper use of advanced diagnostic equipment commonly used in the service and repair shop.			This PLO was not assessed in AY 2023-24
	Identify and explain the function of automotive and diesel parts and systems.			This PLO was not assessed in AY 2023-24
TC Industrial Electricity				
Core Abilities	Program Learning Outcomes	Benchmark/Target	Results	Comments
Occupational Skills Life Skills Technology	Identify the National Electrical Code standards and the recommended safe work practices.	Met	100%	
Occupational Skills Life Skills	Perform electrical calculations to determine voltage, amperage, and resistance using Ohm's and Kirchhoff's Laws.	Met	77%	Instructor will start sending home more math worksheets since math is a weak spot.
	Identify proper electrical controls used for industrial motors and equipment.			This PLO was not assessed in AY 2023-24
	Install and wire electrical components and motors.			This PLO was not assessed in AY 2023-24
	Troubleshoot industrial equipment using electrical schematics and proper tools.			This PLO was not assessed in AY 2023-24
	Write and install programs to perform a variety of operations utilizing Allen Bradley PLCs and software.			This PLO was not assessed in AY 2023-24
TC Industrial Technology				

Communication **O**ccupational Skills **L**ife Skills **T**echnology **S**ocial Skills

Core Abilities	Program Learning Outcomes	Benchmark/Target	Results	Comments
Occupational Skills Life Skills Technology	Attain knowledge of basic electrical systems.	Met	98%	
Occupational Skills Technology	Repair and maintain hydraulic and pneumatic systems.	Met	81%	More hands-on and smaller group sizes.
	Read and interpret basic blueprints, shop drawings, and electrical schematics.			This PLO was not assessed in AY 2023-24
	Maintain and repair power transfer systems.			This PLO was not assessed in AY 2023-24
	Demonstrate basic welding processes.			This PLO was not assessed in AY 2023-24
	Demonstrate NCCER curriculum standards.			This PLO was not assessed in AY 2023-24
TC Pipe Welding				
Core Abilities	Program Learning Outcomes	Benchmark/Target	Results	Comments
Occupational Skills Technology	Pass guided bend test to AWS standards for SMAW carbon steel pipe (uphill and downhill).	Met	100%	
Occupational Skill Technology	Pass guided bend test to AWS standards for SMAW stainless steel pipe.	Met	100%	
	Pass guided bend test to AWS standards for GMAW carbon steel pipe.			This PLO was not assessed in AY 2023-24
	Pass guided bend test to AWS standards for FCAW carbon steel pipe.			This PLO was not assessed in AY 2023-24
	Pass guided bend test to AWS standards for GTAW carbon, stainless, and aluminum pipe.			This PLO was not assessed in AY 2023-24
TC Welding				
Core Abilities	Program Learning Outcomes	Benchmark/Target	Results	Comments
Occupational Skills Life Skill Technology	Demonstrate welding safety and proper use of shop tools according to NCCER standards.	Met	100%	
Occupational Skills	Demonstrate oxy-acetylene and cutting skills.	Met	95%	
	Demonstrate shielded metal arc welding skills.			This PLO was not assessed in AY 2023-24

Communication **O**ccupational Skills **L**ife Skills **T**echnology **S**ocial Skills

	Demonstrate gas metal arc welding skills.			This PLO was not assessed in AY 2023-24
	Demonstrate gas tungsten welding skills.			This PLO was not assessed in AY 2023-24
	Apply and understand construction mathematical and reasoning skills, basic blueprint reading, and welding symbols.			This PLO was not assessed in AY 2023-24

Communication
 Occupational Skills
 Life Skills
 Technology
 Social Skills