

# PATHWAY OPTIONS FOR YOUR FUTURE

## CAREER

Arkansas graduates are in a great position to leverage career options. With over 1,800 hours already accumulated in on-the-job training and work experience and the Associate of Applied Science Degree in hand, one option for graduates is to apply for full-time employment with their sponsoring employer. These are employers with whom the students have built strong relationships and who students know are truly invested in them. Many of the graduates who continue down this path will move into advanced programs and are put on the fast track for advancement and potential leadership positions.

## BACHELOR OF APPLIED SCIENCE DEGREE

After receiving their Associate of Applied Science Degree, individuals may choose to further their education and pursue a higher degree, either right away or after having worked a few years. Credits earned in the Associate of Applied Science Degree will be reviewed for transferability toward the Bachelor of Applied Science Degree. Options are available for online or on-site classes through the University of Arkansas at Monticello. Having completed the program and its required work experience will give the individual a new perspective on business, manufacturing management, floor level production, and technical skills.

## ENGINEERING

Students who graduate from Arkansas FAME will have a definite advantage. They have a much broader base of knowledge through their training as a multi-skilled technician. Students have strong command of working with their hands and working in the real world, skills that may not have been developed had the student entered the engineering program right out of high school. The combination of the two programs is what creates potentially the most sought out and well-qualified new engineers in the job field.

# ARKANSAS FAME

## MISSION

The purpose of the Industry collaboration for Advanced Manufacturing Education is to be the catalyst for developing world-class technical talent for manufacturing. The program will strive to be a conduit between industry and education with a primary focus on meeting the needs of the manufacturers.

## VISION

Arkansas FAME works closely with UAM-CTC to establish and maintain programs and curricula that develop the necessary skill-sets for students to be prepared for not only local manufacturing jobs but manufacturing jobs throughout the state.

## GOALS

- Increase the skill levels of employees in the manufacturing industry;
- Improve the image of the manufacturing industry;
- Promote manufacturing-related career pathway opportunities;
- Implement the industrial manufacturing operations program known as the Advanced Manufacturing Technician Program (AMT); and
- Support the creation of additional skills training programs in the model of AMT to increase the skill levels of manufacturing employees.



# ARKANSAS FAME

Federation For Advanced Manufacturing Education



THE UNIVERSITY OF ARKANSAS AT MONTICELLO  
MONTICELLO • CROSSETT • MCGEEHEE



# ARKANSAS FAME

Arkansas Federation for Advanced Manufacturing Education (FAME) is an industry partnership with the University of Arkansas at Monticello College of Technology-Crossett (UAM-CTC) campus. The partnership's purpose is to implement an apprenticeship-style training that will create a pipeline of highly skilled workers in manufacturing production and operations. The Economic Development Foundation is fully engaged to support, promote and provide opportunities for success.

## WHAT IS THE ADVANCED MANUFACTURING TECHNICIAN PROGRAM?

AMT is a five-semester program that matches education with continuous real-world working experience through a leading manufacturer. The AMT program combines proven workplace components of apprenticeship with the earn-and-learn model in subjects including electricity, fluid power, mechanics, fabrication and robotics. The result is paid work experience that includes hands-on application and the best practices of a world-class manufacturer. Students in this program will have an opportunity to earn 72 college credit hours and an Associate of Applied Science Degree with the direct benefits of having:

- On-the-Job Training
- Valuable Paid Work Experience
- Potentially Zero Student Loan Debt



## THE ARKANSAS FAME DIFFERENCE

Sponsored students are not only receiving training for a future job, they also are obtaining a high-level technical education and practical job experience. The program provides students with 18 months of relevant, paid job experience that matches the learning environment. As a result, apprentices are better prepared for their future career.

### SAMPLE OF WHAT A WORK WEEK COULD LOOK LIKE

Each Day	Monday	Tuesday	Wednesday	Thursday	Friday
8-10 Hrs.	Classes	Work	Classes	Work	Work
3-4 Hrs.	<b>HOMEWORK &amp; STUDY</b>				

Additionally, the program is designed to focus on employability skills and work ethics as well as personal skills. Whereas traditional educational programs emphasize theory, the Arkansas FAME program strives to develop the needed technical and core manufacturing skills through work experience and on-the-job training activities. The end result is that our graduates will be ready to hit the ground running in a manufacturing career or in furthering their education.

### TECHNICAL SKILLS

Electricity  
Fluid Power  
Motor Controls  
Circuits & Controls  
Machining  
Drawings  
Robotics

### PERSONAL BEHAVIORS

Work Ethic  
Communication  
Diligence  
Interpersonal  
Teamwork  
Initiative

### MANUFACTURING CORE EXERCISES

Safety Culture  
Workplace Organization  
Lean Manufacturing  
Machine Maintenance  
Reliability  
Problem Solving  
Troubleshooting

