

# **The Power of Partnership: Building STEM Talent for Tomorrow's Workforce**

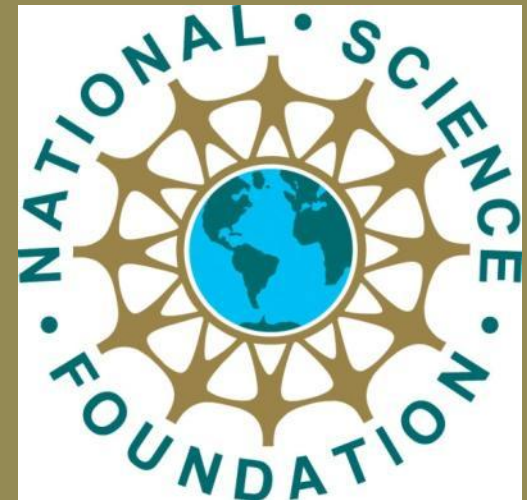
**ACTE Region IV**

**April 2010**



**PROMOTES SCIENCE,  
TECHNOLOGY,  
ENGINEERING  
AND MATH**

**SPONSORED BY:**





# WEBSITE

<http://www.adstep.org/>



# Education Pathway

Bachelor of Applied Science Degree

Associate of Applied Science Degree

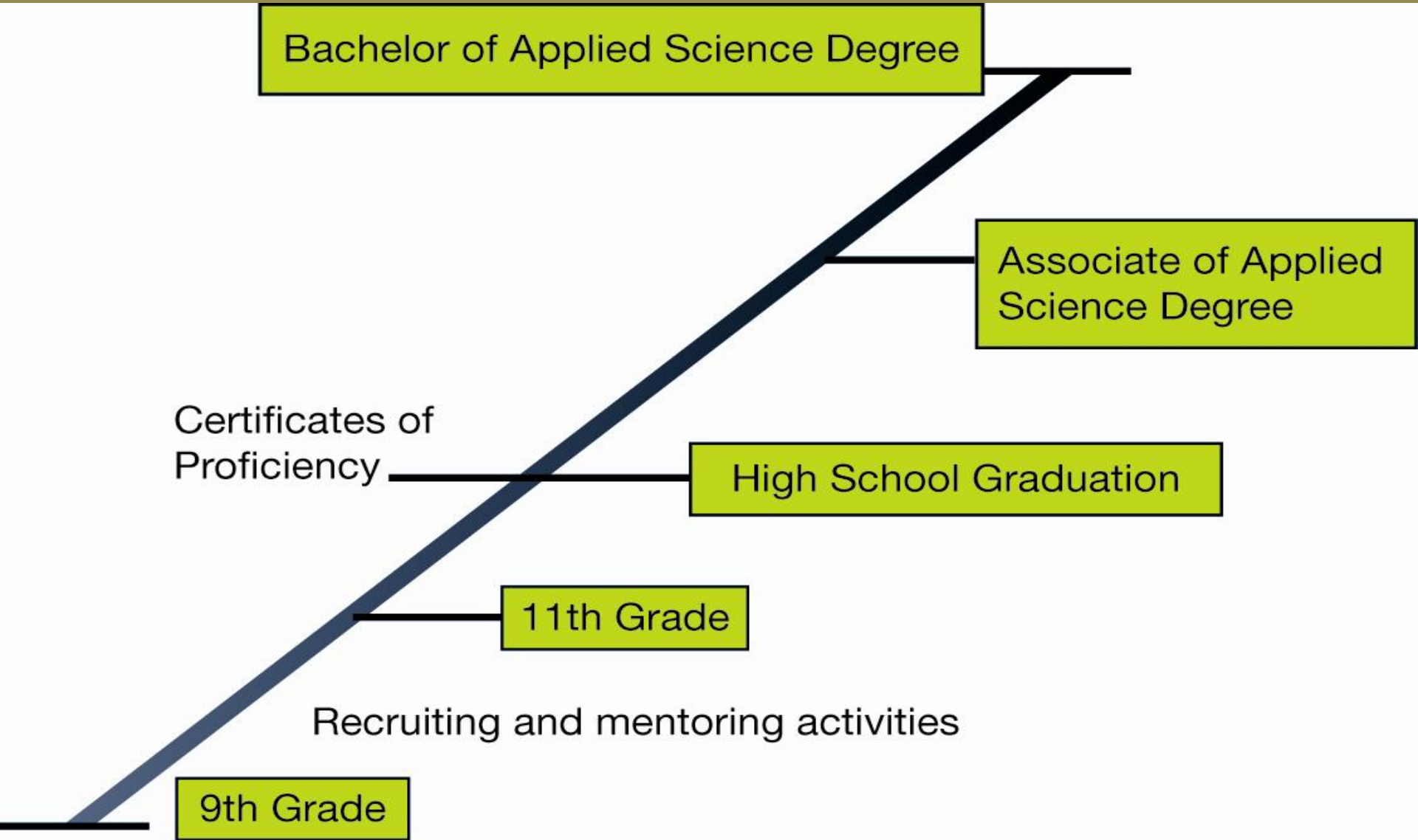
Certificates of Proficiency

High School Graduation

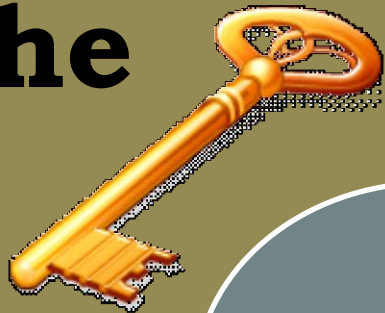
11th Grade

Recruiting and mentoring activities

9th Grade

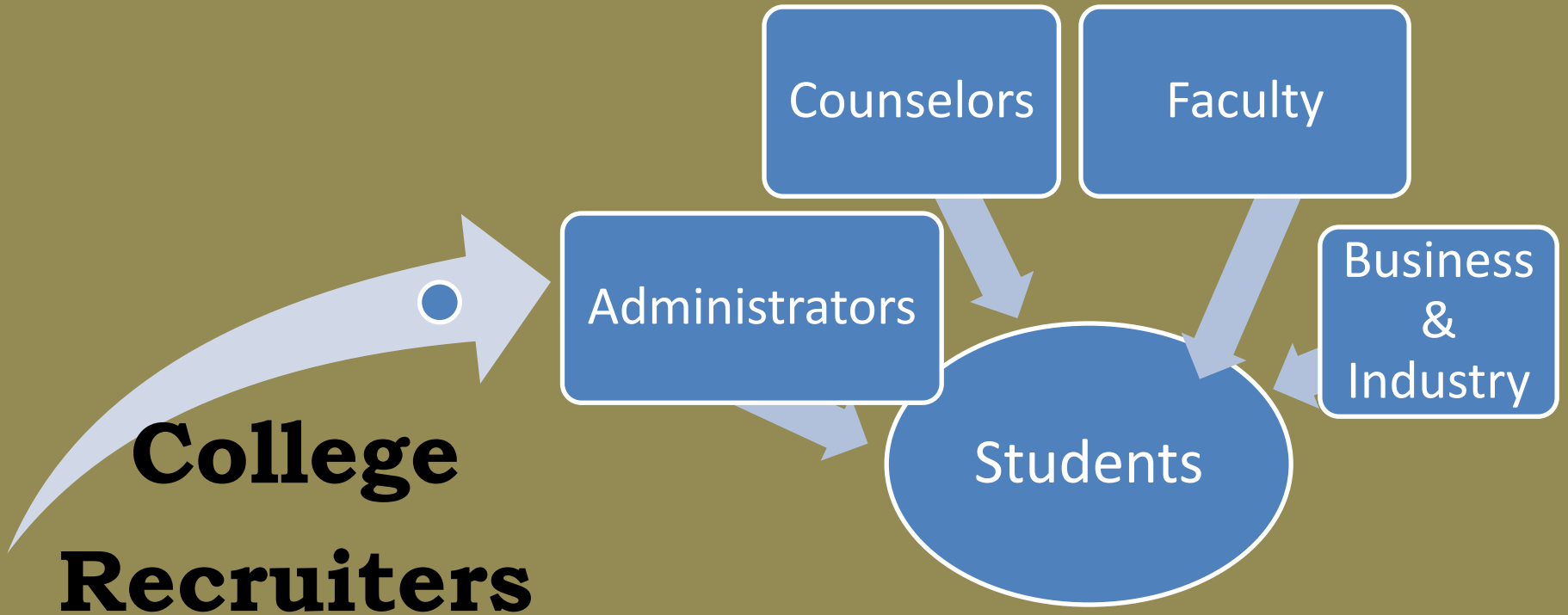


**The**



**is Relationships**

# AREA SCHOOLS



# Relationships

# RECRUITMENT Relationships

**Directions to a Career in Advanced Manufacturing**



Our faculty brings real-world experience to the classroom, and our curriculum reflects the latest trends and technologies. We offer a hands-on approach that will propel you from the classroom to the workplace, fast.

**Directions for a Great Value**  
Higher education doesn't have to come with a high price tag. Affordable tuition coupled with great transfer success and employment outcomes, will help you get a great start on the road to success.

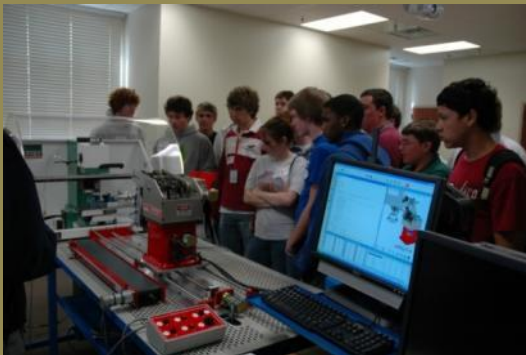
**Directions for Academic Success**  
Mid-South Community College provides a great learning environment, and our employees care about your success. Enroll at MSCC, and you will find some of the most helpful, friendly people in the region.



**Directions to Life**  
Start Here.  
Go Anywhere.

2000 West Broadway  
West Memphis, AR 72301  
866.733.MSCC  
870.733.6726  
www.midsouthcc.edu  
admissions@midsouthcc.edu

**Mid-South Community College**



- Created student friendly recruitment materials
- Created advising books to inform teachers, counselors, parents
- Made presentations to all 10<sup>th</sup> grade classes in area schools
- Conducted campus tours/program presentations with prospective students

# RECRUITMENT Relationships

- Letter to parents informing THEM of their student's opportunities to participate
- Assist guidance counselors and students in advising and scheduling students
- Summer Parent/Student Orientation to keep interest and commitment alive



# Community/Industry Outreach Relationships

- Field Trips
- Guest Speakers
- College Fairs
- Public Presentations



# Community/Industry Outreach Relationships

- Industry Mentors
- Community presentations



# Relationships to Improve the Pipeline

University of Arkansas  
FORT SMITH

**Increase** your  
earning potential with a  
**Bachelor of Applied Science degree.**

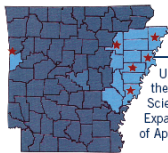
Median earnings of year-round,  
full-time workers aged 25 and over.

High School Diploma	\$30,100
Associate Degree	\$35,500
Bachelor's Degree	\$ 47,800

(Source: Bureau of Labor Statistics, 2007)

#### Career Opportunities

- Team leader
- Department manager
- Project director
- Technical manager
- Line supervisor
- Management trainee
- Mid-level supervisor
- Production manager
- Project coordinator



UA Fort Smith has partnered with schools in the Delta region as part of the Arkansas Delta Science Technology Engineering and Math Talent Expansion Project (ADSTEP) to offer the Bachelor of Applied Science degree to consortium schools.



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- 2 + 2 Agreements with Universities for seamless transition
- Transition Planning with seniors exiting dual enrollment programs and recruitment of traditional students

# Relationships to Improve the Pipeline

- “Taking Care of Sr. Business Workshops” which included assistance with:
  1. Financial Aid
  2. Applications
  3. Academic Planning/Advising
  4. Employability Training



# Relationships to Support the Journey

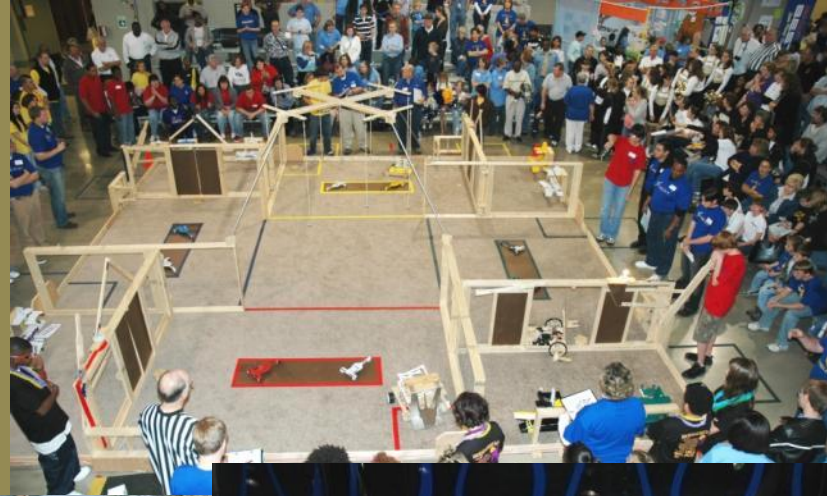
- Mentoring
- Tutoring
- Work Ethics Training
- Internships
- Service Learning
- Counselor Intervention  
Conferences: grades,  
absences, concerns



# Supporting The Journey

Enrichment:

1. SKILLS USA
2. Electric Car Rally
3. BEST Robotics
4. Summer Camps



# **University Connection Relationship**

- **Activities**
  1. **Job Fairs**
  2. **Conference Presentations**
  3. **Student Information Sessions**
  4. **Civic/Community Group Presentations**
  5. **Industry Personnel visits**
- **Transitioning Students into the 4 year degree program:**
  1. **On site University Representative to provide student assistance**
  2. **Student Advising**

# University Connection Relationship

- **Distance Learning Technology:**



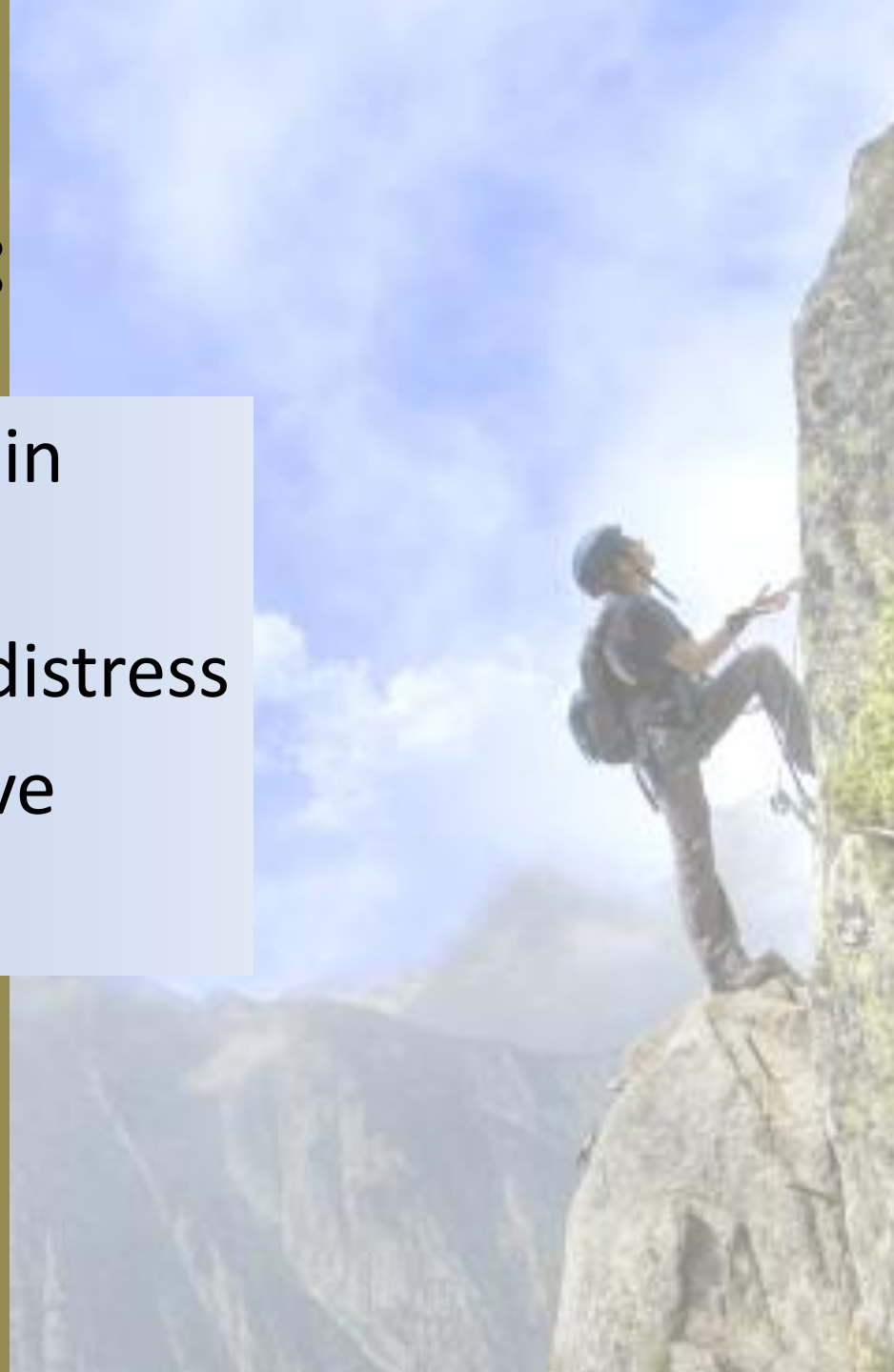
**Compressed Interactive Video allows  
instructor to broadcast to all partner  
locations**

# Enrollment Breakdown

University of Arkansas - Fort Smith												
Bachelor of Applied Science												
	Community Colleges						Demographics					
	MSCC	ANC	ASUN	EACC	PCCUA	TOTAL	BM	BF	WM	WF	OM	OF
Fall 2007	5	0	0	0	0	5			3	1	1	
Spring 2008	5	0	0	0	0	5			3	1	1	
Fall 2008	9	1	0	3	15	28	2		13	6	6	1
Spring 2009	10	1	0	2	14	27	2		14	3	7	1
Fall 2009	10	0	0	4	17	31	2		18	3	8	
Bachelor of Information Technology												
	Community Colleges						Demographics					
	MSCC	ANC	ASUN	EACC	PCCUA	TOTAL	BM	BF	WM	WF	OM	OF
Spring 2008	2	0	0	0	0	2					2	
Fall 2008	4	0	0	0	0	4			1	1	2	
Spring 2009	4	0	0	1	0	5	1		1		3	
Fall 2009	6	1	0	3	2	12	3		3	1	5	

# CHALLENGES:

- Area schools changes in leadership
- Schools in academic distress
- Pursuing the innovative course of action



# SUCCESES:

- Program growth
- Project expansion
- Sustainability





## Presenters

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# QUESTIONS?