

**KANSAS BOARD OF REGENTS**



**Senate and House Education Committee**

**Career Technical Education**

**Blake Flanders, Ph.D.**

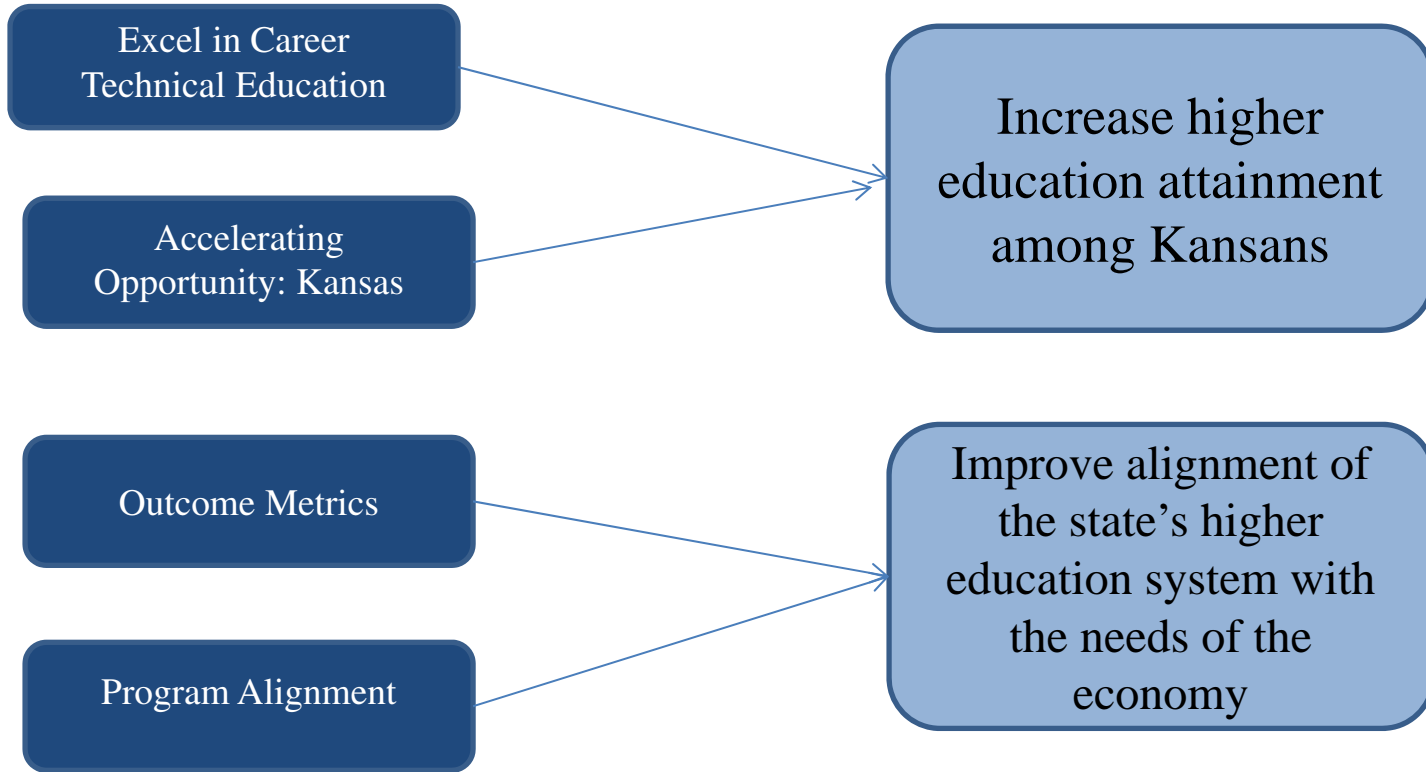
**January 21, 2014**

★ **LEADING HIGHER EDUCATION** ★

# KANSAS BOARD OF REGENTS



Workforce Development Initiatives



Foresight 2020 Goals



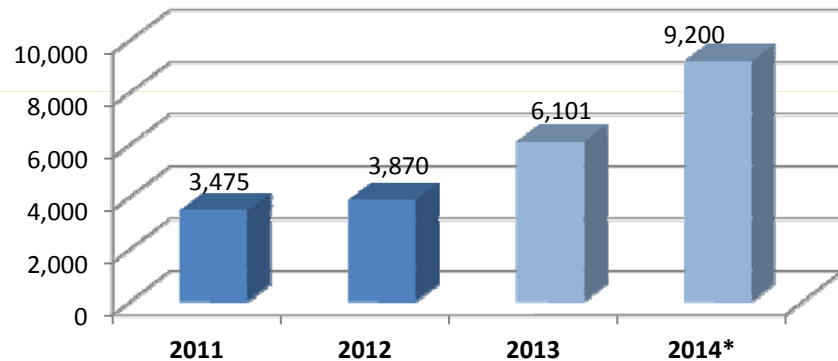
## **Excel in Career Technical Education**

- ★ Launched by the Governor and Legislature in 2012 as plan to better prepare high school students for college and careers
- ★ Start up year 2013
- ★ Provides funding support for:
  - Tuition for postsecondary technical courses
  - Transportation to provide access
  - Marketing to increase awareness
  - Incentives for credential attainment

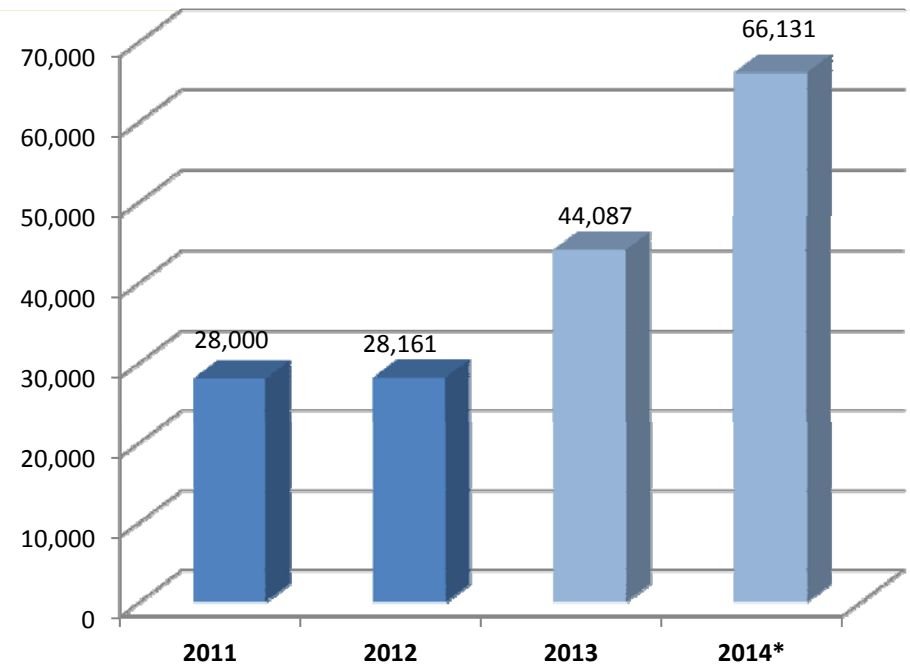


## Excel in Career Technical Education

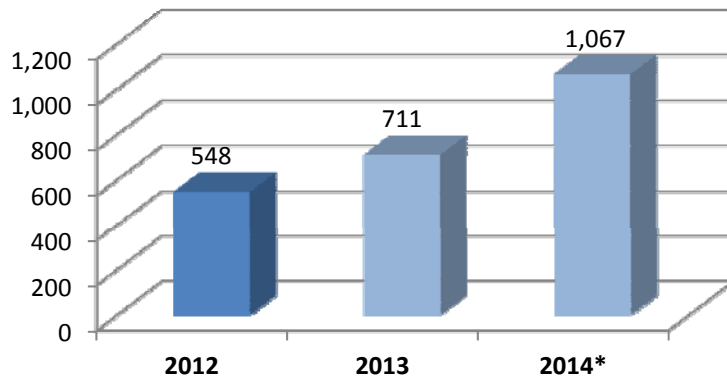
### Headcount



### College Credit Hours



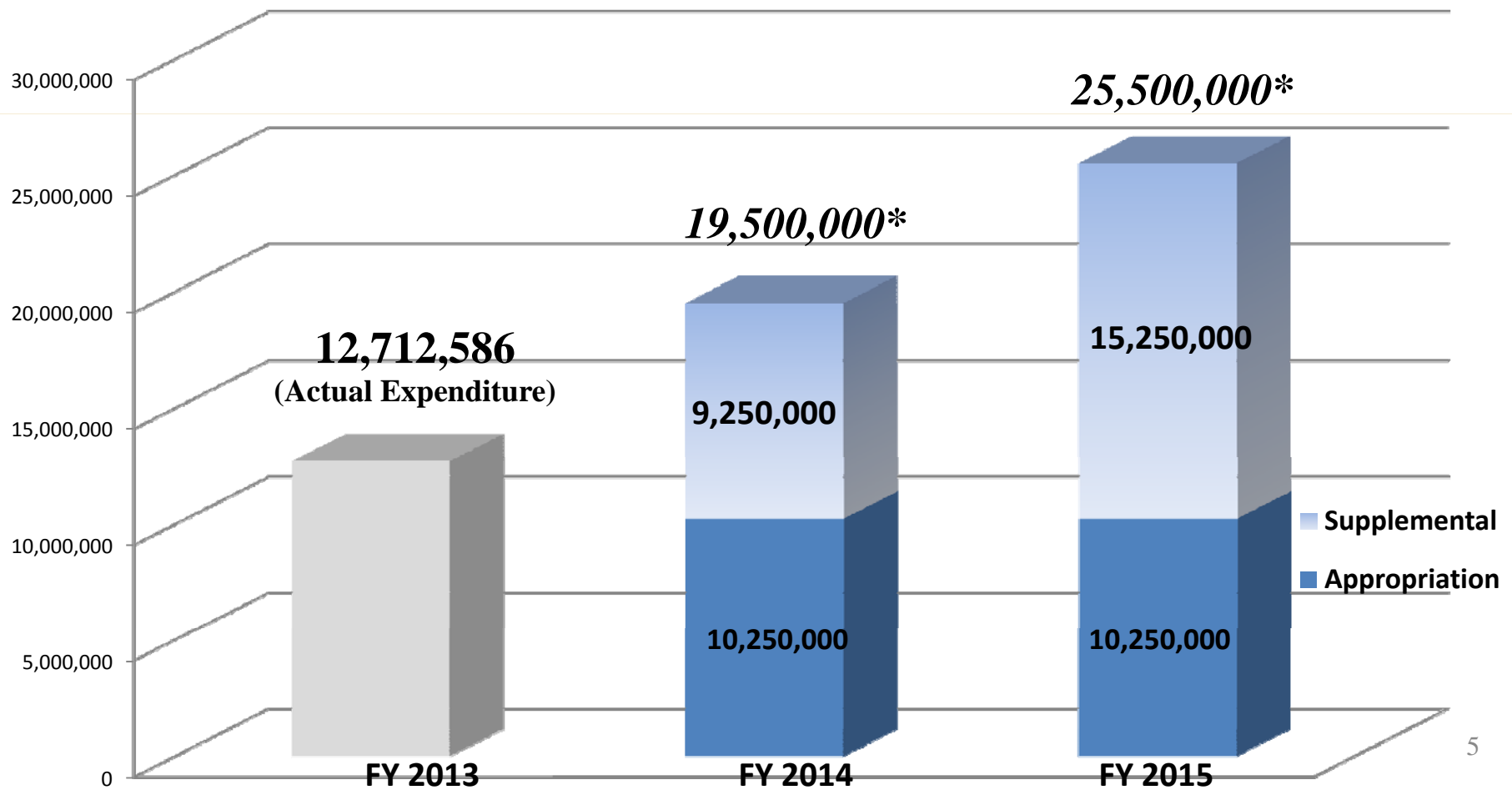
### Certifications



\*Estimates 4



# Appropriations—CTE Initiative Governor's Revised Recommendations





# Career Technical Program Alignment

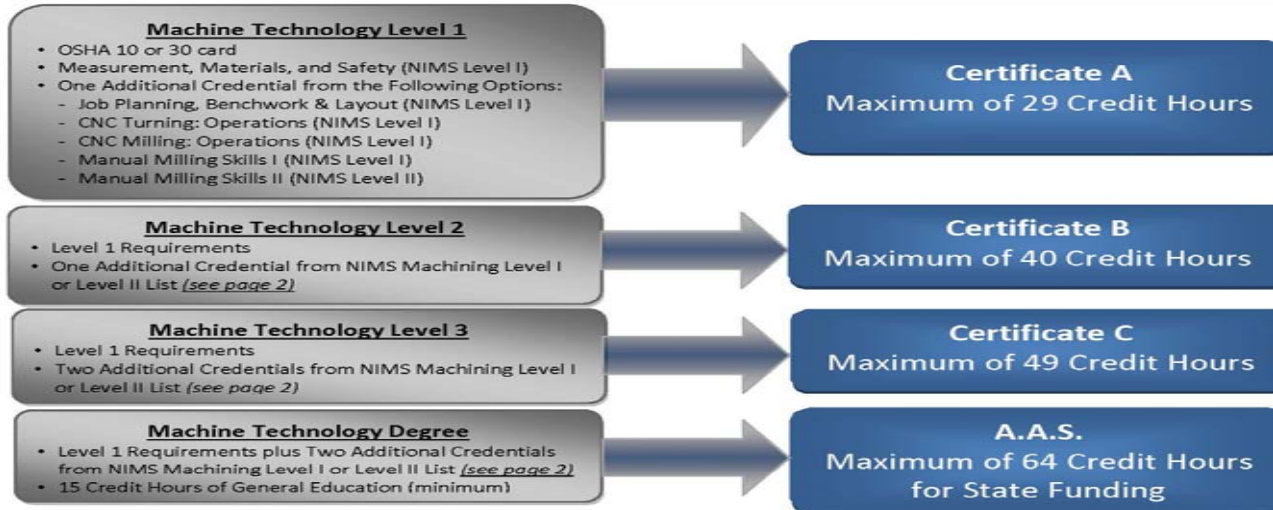
- ★ Priority for Technical Education Authority
- ★ Business and Industry Driven
- ★ Industry Credentials
- ★ Value-Added Exit Points
- ★ Common Program Courses
- ★ Program Length

# KANSAS BOARD OF REGENTS



**Machine Technology Program Alignment – Kansas Board of Regents**  
**CIP: 48.0501**

2010  
 03/26/10  
 Amended 01/15/13



## Required Courses within Program

### Common Courses 17-25 credits:

<i>Safety (OSHA 10 or 30)</i>	1-3 credits
<i>Workplace Ethics</i>	2-3 credits
<i>Print Reading</i>	2-3 credits
<i>Quality Control &amp; Inspection</i>	1 credit
<i>Metallurgy</i>	1 credit
<i>CNC Operations</i>	3 credits

### Additional Common Courses (Choose from Track I or II)

<b>Track I:</b>	
<i>Bench Work</i>	1 credit
<i>Machine Tool Processes</i>	1 credit
<i>Machining I</i>	3 credits
<i>Machining II</i>	3 credits

<b>Track II:</b>	
<i>CNC Milling I</i>	3 credits
<i>CNC Lathe</i>	3 credits

### *\*Math Requirement* 1-3 credits

*\*The state faculty committee chose to leave the course name and competencies associated with the Math Requirement to the discretion of individual colleges. Course list sequence has no implication on course scheduling by colleges.*

## Notes

Specifics pertaining to Machine Technology programs:

1. Competencies identified within the common courses represent opportunities for articulation with K-12.
2. Colleges are encouraged to seek accreditation from the National Institute for Metalworking Skills (NIMS).
3. Colleges are "encouraged" to recommend other NIMS credentials to students completing the AAS to meet regional and local needs.
4. See page two for information regarding credential options.



## Outcome Metrics

- ★ Incentive Initiative to recognize metrics identified by Business/Industry

Industry  
recognized  
credential  
attainment

Employment  
after exiting  
program

Wages of  
student  
after exiting



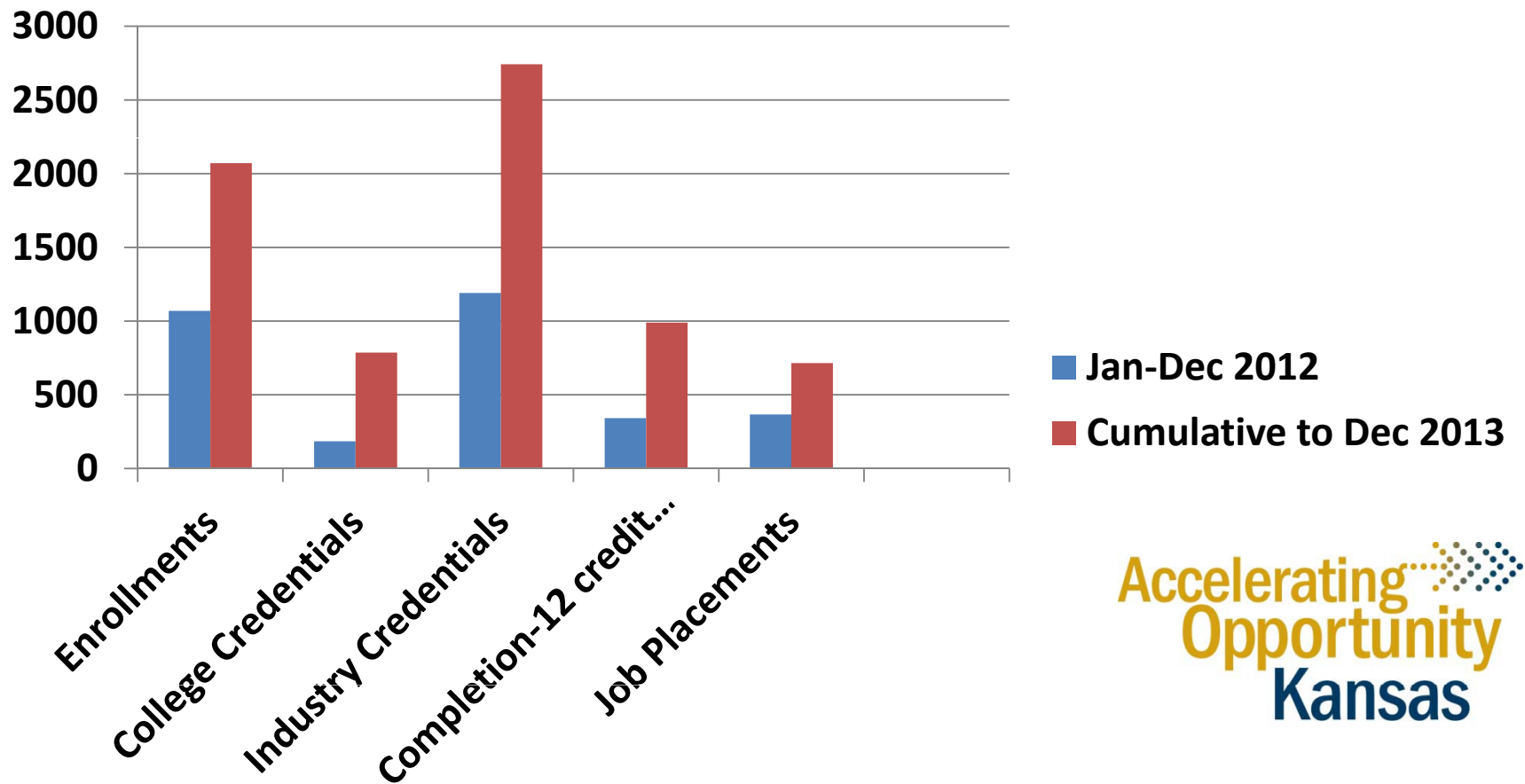


## Accelerating Opportunity: Kansas

- ★ Career pathways deliver career technical skills at the same time as adult basic skills
- ★ Students obtain industry recognized credentials
- ★ Partnership between Regents and Commerce
- ★ Department for Children and Families collaboration



## Accelerating Opportunity





# Questions