



Achieving the Dream Data and Analytics Summit



Developing Analytics Curriculum for the Community College: Training Today's Workforce for the Future

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
**WAKE TECH
COMMUNITY
COLLEGE**


RALEIGH, NC

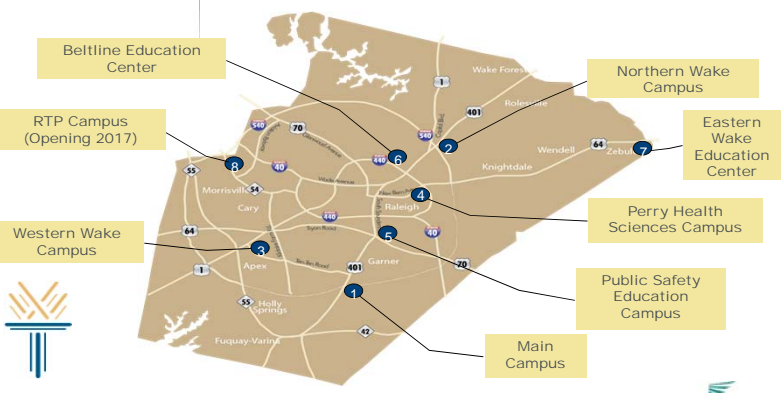
- Largest community college in NC
- 70,000+ students
- County population: 1 million
- The college is 52 years old.







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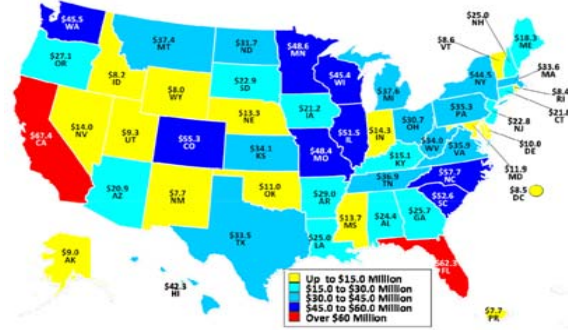
AAS BUSINESS ANALYTICS

DOLTAA TAACCCT ROUND 2 GRANTEE

- TAACCCT (Trade Adjustment Assistance Community College and Career Training) Program
- Partnership between the Department of Labor and the Department of Education
- Received award October 2012; offered our first course January 2013
- Focus: *employability in analytics fields*



TAACCCT Rounds 1 through 3 Grant Total by State



A complete list of the grant awards and project summaries can be found on the TAACCCT website at <http://www.doleta.gov/taaccct/grantawards.cfm>.

Source: United States Department of Labor Employment and Training Administration: http://www.doleta.gov/taaccct/pdf/TAACCCT_One_Pagers_All.pdf



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THE IMPORTANCE OF THE COMMUNITY COLLEGE



- Open enrollment
- Accessible
- Fewer perceived obstacles
- Fewer 'start-up costs'
- Cost-to-benefit
- Flexibility
 - Scheduling
 - Modality in learning
- Likeminded student colleagues







Why did you join the program?

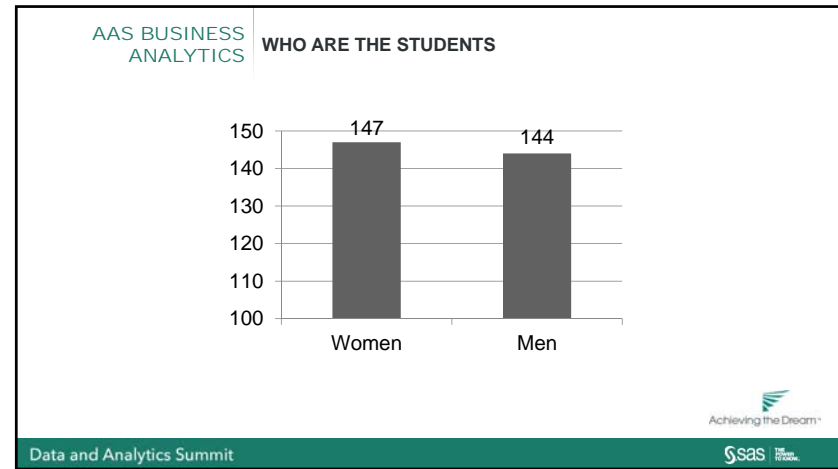
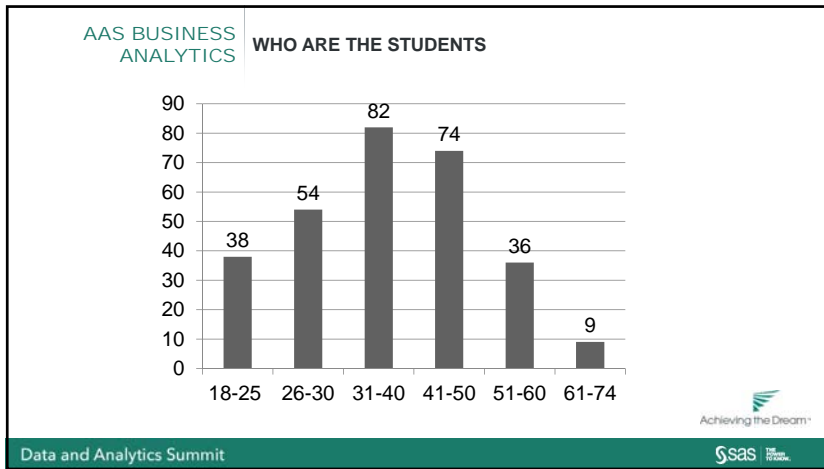


<p>AAS BUSINESS ANALYTICS</p>	<p>INITIAL CHALLENGES</p>
<ul style="list-style-type: none"> • No other AAS program or the like to benchmark: <ul style="list-style-type: none"> • Traditionally offered at the graduate level • Traditionally statistics and/or IT-Database tracked • Employability in a field that typically hires individuals with at least a Bachelor degree, usually a graduate degree • Program is open enrollment and requires little to no prerequisites (developmental math and English). • Online/hybrid most popular. • Accelerated online most popular. • Difficult to find qualified faculty (at our salary range). • Lack of industry consensus "what is analytics" 	
	
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<p>AAS BUSINESS ANALYTICS</p>	<p>STRUCTURED PATHWAYS</p>
<ul style="list-style-type: none"> • Clear program structure with a balance between flexible and prescriptive options • Provide timeline and sequence that keeps students on track to completion • Align courses with transfer and articulation options • Encourage degree and credential declaration early • Limit elective choices 	
	
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<p>AAS BUSINESS ANALYTICS</p>	<p>STRATEGIES</p>
<ul style="list-style-type: none"> • Industry partnerships • Networking and attending specialty group meetings • Student-centric program hosted events • Internships and adopting real-world projects • Focus on problem solving and application versus theory • Boot camps and other resources • Accelerated program/certificates • Structured pathways <ul style="list-style-type: none"> • Latticed credentials • Industry certifications 	
	
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<p>How have you benefited from being part of the Business Analytics program here at Wake Technical Community College?</p> <p>How have the roles in your current position changed due to the skills that you have acquired?</p>

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- AAS BUSINESS ANALYTICS SERVING UNDERREPRESENTED POPULATIONS IN STEM-RELATED CAREERS
- Women
 - Veterans
 - Underserved populations
- Achieving the DreamSM
- Data and Analytics Summit

Would you have thought to join a program like this earlier in your academic/professional career?

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AAS BUSINESS ANALYTICS **MOTIVATORS**

- Career transition
- Upward mobility
- Quality of life

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AAS BUSINESS ANALYTICS **THE POWER OF ONE - COMMUNITY ENGAGEMENT**

The Power of One

The Business Analytics Department at Wake Technical Community College is pleased to announce the launch of the 2015-16 Power of One Scholarship Program to students enrolled in the Business Analytics program encompassing its Associate's and certificate credentials.

The scholarship program reflects the department's commitment to the community and its belief in the power of analytics to provide service and contribute to the greater good.

Students have an opportunity to competitively apply for one (1) \$750 scholarship to be used toward furthering their studies in the analytics program. The winner of the scholarship will demonstrate active, genuine participation in the non-profit or community service arena, utilizing their analytics talents and skills to benefit the community and the organization mission to which they serve.

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Sharing the Connection

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AAS BUSINESS ANALYTICS | MOVING FORWARD

- Call for interest in the creation and mobilization of an association for the support and training of women and underserved populations in analytics fields.



If you were to mentor or offer advice another female student beginning in the business analytics field, what guidance or advice would you give her?



"This workforce solution was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The solution was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership."

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