



## A-B Tech Capital Update: Building for the Future

**ABTech**  
**Community College**

Dennis King  
President, A-B Tech  
February 21, 2017

# A-B Tech Overview

- 23,000 students per year through our academic curriculum, continuing education, and workforce training programs
- More than 120 programs, degrees and certificates
- More than 1,000 A-B Tech employees in five locations
- 339,460 curriculum and continuing education students as of 2015-16

# A-B Tech's Economic Impact

- A-B Tech and its students added **\$356.7 million** in income to the area economy in FY 2012-13 (equivalent to 8,329 new jobs)
- Accumulated contribution of alumni: **\$296.8 million** in added income (6,430 new jobs)
- Impact of college operations: **\$51.7 million** to service area economy
- Impact of student spending: **\$7 million** in added regional income

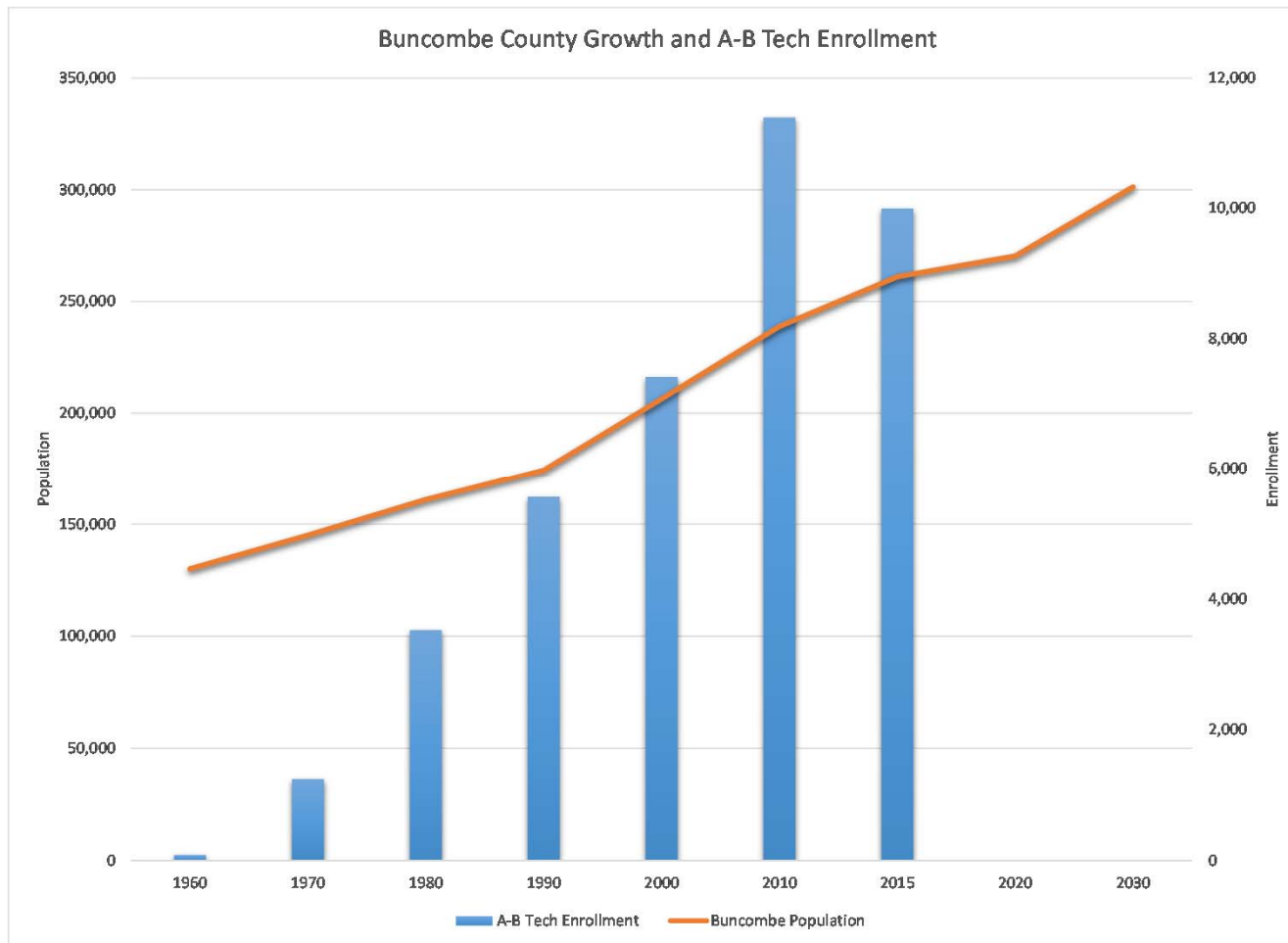
Source: EMSI

# Taxpayer Perspective

- **\$38 million** allocated by state and local governments to support A-B Tech in FY2012-13
- **\$4.20 return** for every dollar invested in A-B Tech
- **15.1%** average annual return on investment

Source: EMSI

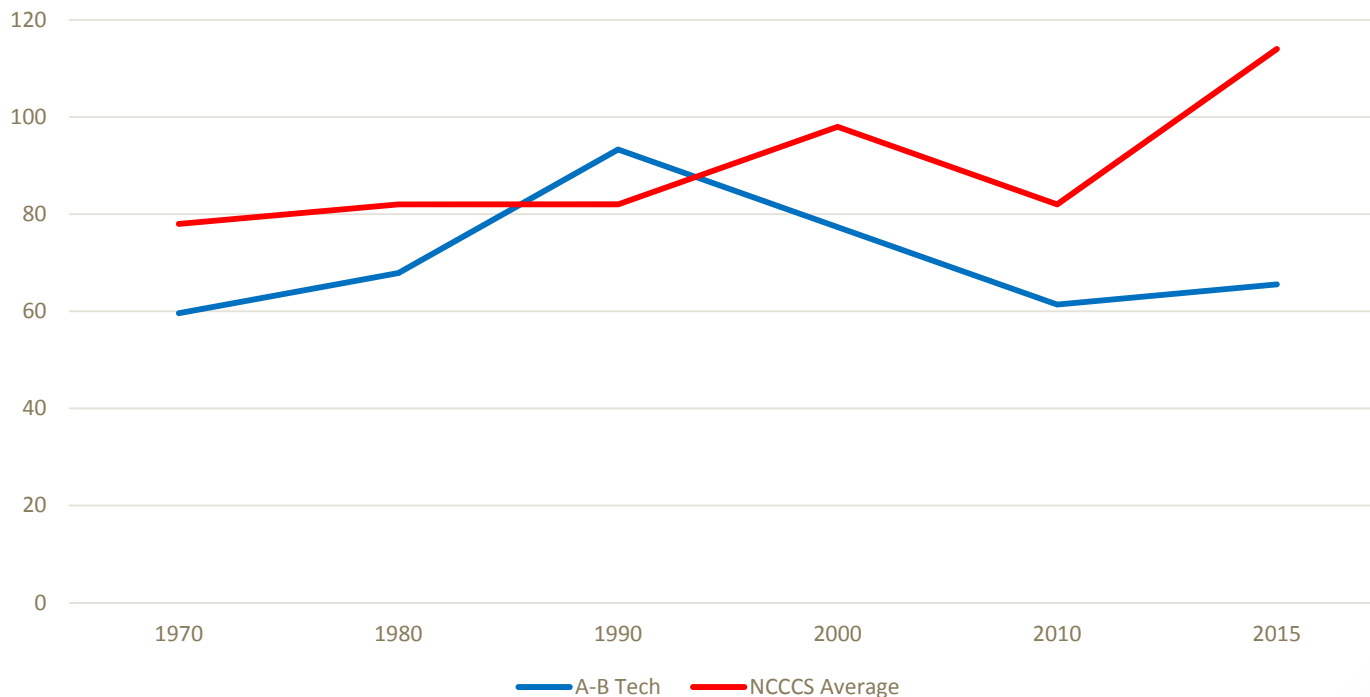
# Buncombe Population and A-B Tech Enrollment Growth



Sources: UNC General Administration Facilities and Utilization Study and NC State Data Center

# Student Enrollment Outpaces Facilities Construction

Assignable Square Footage of Academic Facilities Per Budgeted FTE, 1970-2015



Source: UNC General Administration Facilities and Utilization Study

# Original Master Facilities Plan

- Priority 1: Project Costs

PRIORITY 1 PROJECTS			
Map Ref.		Est. Total Project Costs	
1:	RHODODENDRON RENOVATION	\$	12,497,318
3:	ELM RENOVATION	\$	17,364,507
5:	SOUTH CAMPUS (New Construction) <sup>4</sup>		
	5A: Replacement of Haynes Building Facilities	\$	27,976,829
	5B: New Engineering, Business, & Academic Building	\$	19,354,697
	5C: New BioNetwork Building	\$	4,801,284
	5D: New Business Incubator Building	\$	7,390,080
S1:	NEW ENTRY ROAD <sup>3</sup>	\$	5,234,071 includes land <sup>3</sup>
6B:	LAND ACQUISITION & IMPROVEMENTS <sup>5</sup>		
	Part 1: Land Purchase	\$	2,000,000
	Part 2: Initial Minor Renovations	\$	1,539,600
<b>TOTAL PRIORITY 1 PROJECTS</b>		<b>\$</b>	<b>98,158,385</b>

Source: LS3P, Mathews Architects, Cole-Jenest & Stone, Brailsford & Dunlavey

# Original Master Facilities Plan

- Priority 2: Project Costs

PRIORITY 2 PROJECTS	
Map Ref.	Est. Total Project Costs
17: IVY RENOVATION	\$ 2,812,978
9: COMAN RENOVATION	\$ 5,538,968
S2: VICTORIA ROAD UPGRADES	\$ 2,396,003
2: POPLAR BUILDING DEMOLITION	\$ 66,459
<b>TOTAL PRIORITY 2 PROJECTS</b>	<b>\$ 10,814,407</b>

Source: LS3P, Mathews Architects, Cole-Jenest & Stone, Brailsford & Dunlavey



# Original Master Facilities Plan

- Priority 3: Project Costs

PRIORITY 3 PROJECTS	
Map Ref.	Est. Total Project Costs
12: DOGWOOD ADDITION / RENOVATION	\$ 6,238,972
13: NEW CRAFT BREWING BUILDING	\$ 15,477,173
6A: SIMPSON ADDITION / RENOVATION	\$ 3,329,000
11: BAILEY ADDITION / RENOVATION	\$ 4,473,180
S5: CAMPUS LOOP UPGRADES	\$ 1,613,501
<b>TOTAL PRIORITY 3 PROJECTS</b>	<b>\$ 31,131,826</b>

Source: LS3P, Mathews Architects, Cole-Jenest & Stone, Brailsford & Dunlavey

# Master Facilities Plan Changes: Rhododendron (Haynes) Loss

- Programs impacted: Engineering, Cosmetology, Arts & Sciences and future program growth



# Master Facilities Plan Changes: Enka Closure

- Programs impacted: 1) Craft Beverage Institute 2) Small Business Center 3) Business Incubation Program



# Arts & Sciences/ Engineering Building

- A&S/Engineering building will be 99,000 SF – 17,000 SF less than Rhododendron and Elm combined.



AB Tech Arts, Sciences  
& Engineering Building



# Programs Added Since 2012

Program	Fall Enrollment
• Aviation Management & Career Pilot	55
• Brewing, Distillation & Fermentation	39
• Associate in Engineering	105
• Environmental Engineering	14
• Health & Fitness Science	39
• Occupational Therapy Assistant	20
• Central Sterile Processing	8

# Proposed Programs Without Available Space

- Barbering AAS
- Dietetic Technician AAS
- Food Science/Culinology AAS
- Aviation Electronics Tech (Avionics) AAS
- Aviation Systems Tech AAS
- Supply Chain Management (Logistics) AAS
- Physical Therapy AAS
- Facilities Maintenance (CE/EWD)
- Plumbing (CE/EWD)
- Masonry (CE/EWD)
- Future programs requested by Mission Health and other employers

# Basic Plan for Immediate Needs

- Arts & Sciences/Engineering Building
- Complete 5<sup>th</sup> floor of Ferguson Center for Allied Health and Workforce Development
- Renovate Elm and Birch to include Enka programs  
Cosmetology, Early and Middle Colleges
- Renovate 1<sup>st</sup> floor of Sycamore for Physics labs

## Concerns

- Longer timeline
- Potentially more expensive
- Enka sale delayed
- No second building for 3 Enka programs
- No room for future growth, including Barbering

# Optimal Plan for Future Growth

- Proceed with Arts & Sciences/Engineering Building, approved October 2016
  - \$1 million allocated for design
  - Contractor selected January 2017 based on low bid of \$19 million
- Finish 5<sup>th</sup> floor of Ferguson Center for Allied Health & Workforce Development
- Build new home for 3 Enka programs and future programs
- Sell Enka and with Trustee approval apply proceeds to renovation of Elm, Birch and Sycamore
- Advantages:
  - Quicker
  - Less expensive
  - Enhanced efficiency and technology
  - Enhanced space for Early and Middle Colleges
  - Room for future growth



# Support Master Facility Plan and Program Growth Needs

- Recommendation
  - Maintain construction schedule for Arts & Sciences/Engineering Building



## Contact Us

**ABTech**  
**Community College**

Dennis King  
President, A-B Tech  
Direct: 828.398.7110