



Strengthening Short-Term Credential Pathways

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The Value of Higher Education – And How to Further Strengthen It

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North Carolina Community College System

- **State Board oversees programs, admissions, budget allocations**
 - **State Level Curriculum Standards**
 - **Common Course Library**
- **State Board approves programs**
- **Local boards oversee facilities, local academic policies**
- **Local colleges have program flexibility to meet workforce needs.**

Curriculum Improvement Projects

- NCCCS has conducted 50 CIPs since 1985
 - Faculty led
 - Industry involvement
 - Focused professional development
 - Outcomes:
 - Updated curriculum programs
 - Revised courses
 - Upgraded faculty skills/industry credentials

Redesign Concept

- Cluster similar programs
 - Identify common technical core courses
- Integrate sustainability and energy efficiency skills across the curriculum
- Create stackable certificates within program clusters
- Develop non-credit modules that lead to industry-recognized certifications
 - Facilitate credit for prior learning

Redesign Concept

- Provide professional development for CTE faculty
- Identify math, science, communication, entrepreneurship, and professional skills that are important for students' success
 - Integrate employability skills throughout the curriculum
 - Recommend appropriate general education courses for technical degree programs

CIP Objectives & Outcomes

Steam-lined Program
Structure



Multiple Modules w/
Fewer Curriculum Titles

Learning Outcome
Assessments



Industry-Recognized
Credentials

Continuing Ed. Modules
Aligned w/ Curriculum
Competencies



Seamless Transitions
from Non-Credit to
Credit Programs

CIP Objectives & Outcomes

Engaged Faculty trained
in Green Technologies



Credentialed Faculty
w/ Knowledge & Skills

Stackable Credentials



Multiple Entry – Multiple
Exit Points

Increase Students Skilled
in Green Technologies



Train and Credential
Students for Green
Economy Careers

Eastern



Western



Summit



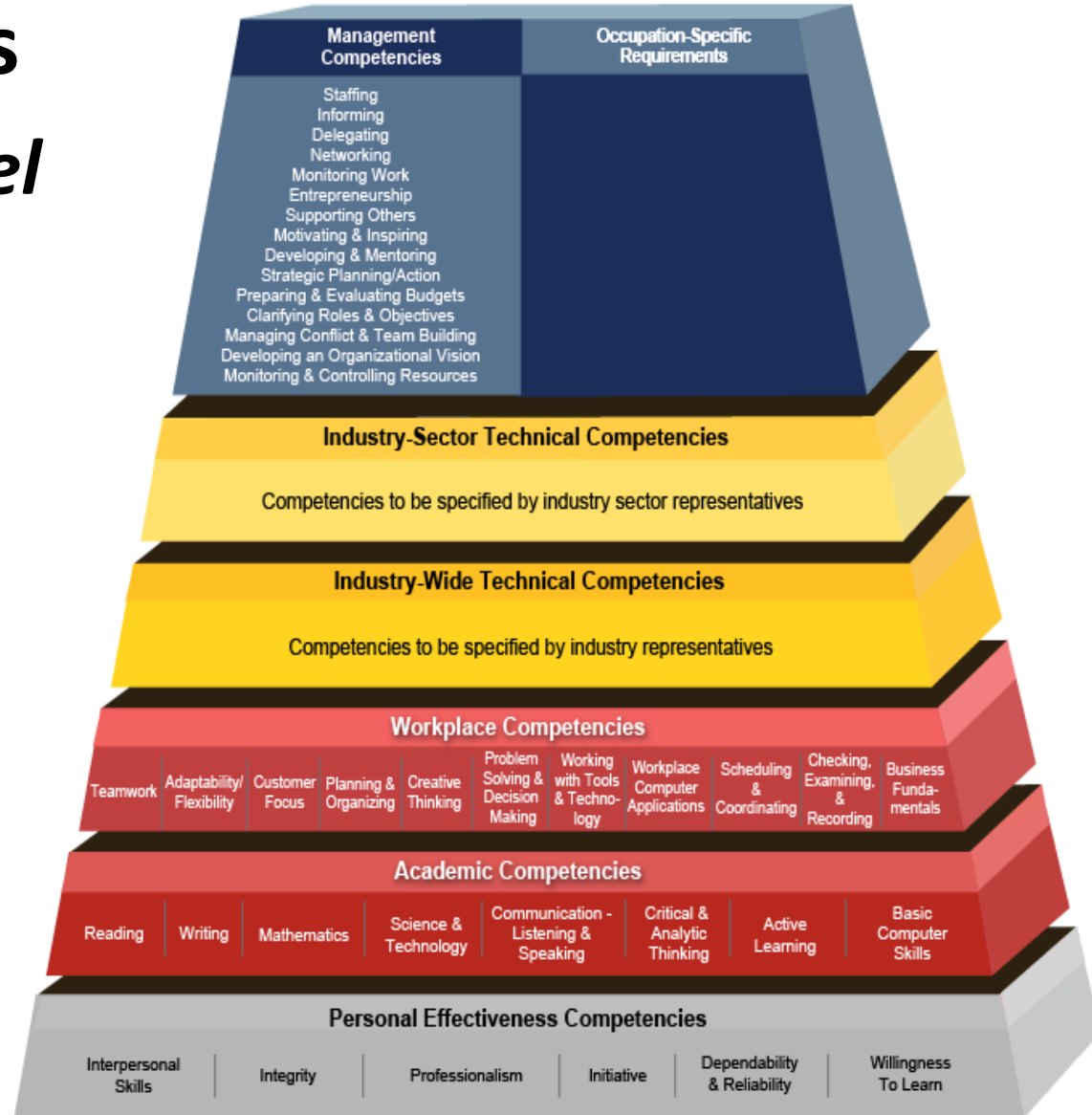
Central



National Models

Competency Model

Clearinghouse



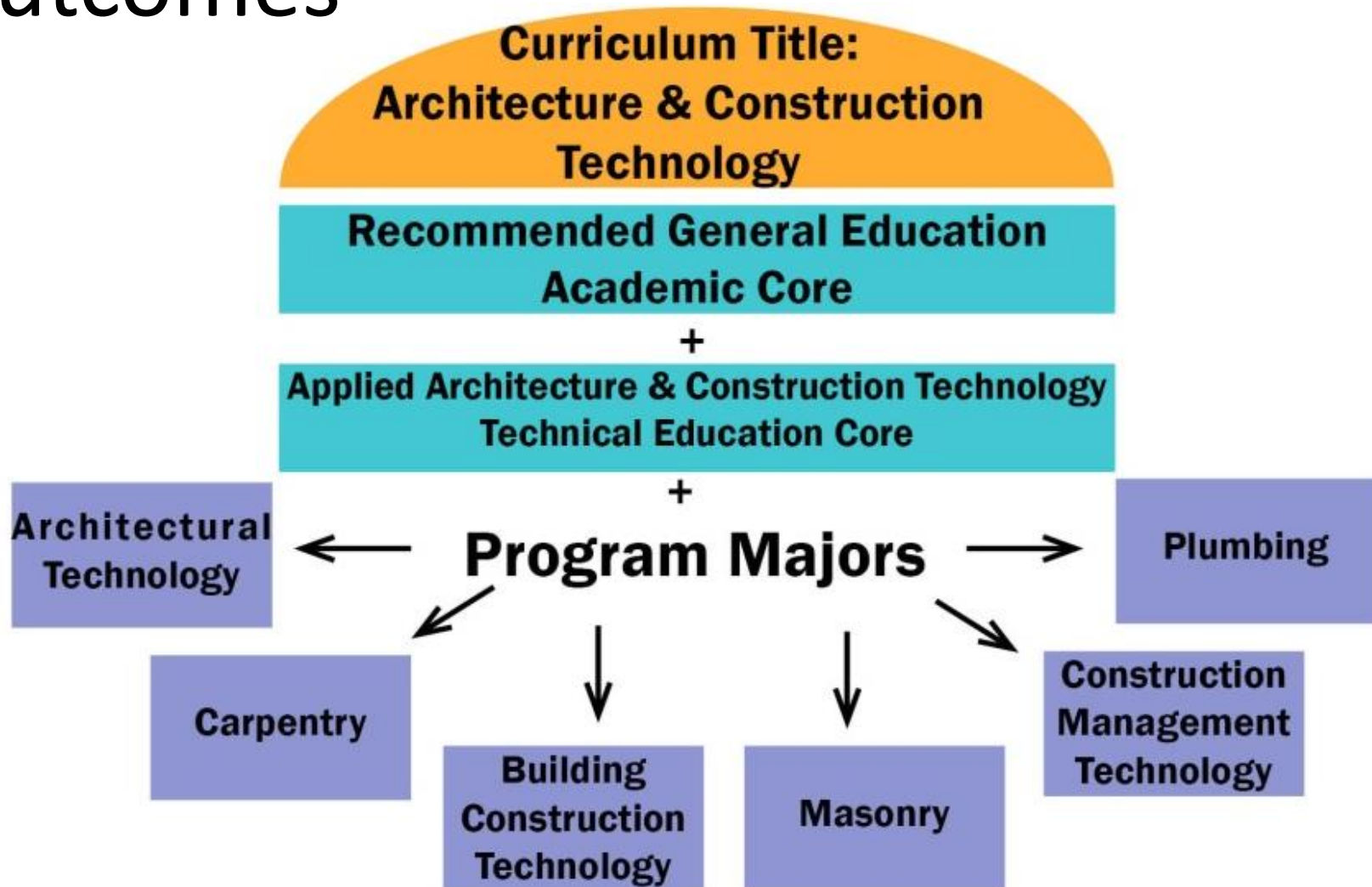
National Models

National Association of State Directors of Career Technical Education Consortium

NORTH CAROLINA CAREERS



Outcomes



Project Scope - By the Numbers

CURRICULUM PROGRAMS

89 – Number of curriculum programs initially reviewed

77 – Number of programs revised

32 – Final number of consolidated curriculum standards

Project Scope - By the Numbers

COURSES

Sector	New Courses	Revised Courses and/or SLOs Added	Archived Courses	Total
<i>Building</i>	2	37	0	39
<i>Energy</i>	2	30	0	32
<i>Engineering Technology</i>	17	42	65	124
<i>Environment</i>	1	94	0	95
<i>Transportation</i>	25	16	27	68
Total	47	219	92	358

Project Scope - By the Numbers

PROFESSIONAL DEVELOPMENT

683 – Faculty members participated in

46 – Professional Development Events and

442 – Industry credentials were awarded or training was provided toward industry certification

Systemic Change

Efficient Program Structures

CTE Pathways

Meeting the need for mid-skilled JOBS



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