

NHREC Strategic Plan

Presented by: Joseph Johnson, Executive Director
New Horizons Regional Education Center
757-766-0000 joe.johnson@nhrec.org



THOMAS P MILLER ASSOCIATES

TRAINING MODERNIZATION GROUP



THOMAS P. MILLER & ASSOCIATES

Purpose

Create a 5 Year CTE Master Plan to:

- *Examine a **design** for the expansion at Woodside Lane and its alignment with Butler Farm campuses*
- *Rethink current CTE delivery models*
- *Look at models of new and innovative instructional methodologies*

Vision

*Make New Horizons Regional Education Center a **premier** workforce-centric training center for high school students, a **model** for the Commonwealth and the country*

Outcomes Wanted



Employer Satisfaction

- *More employers express satisfaction with the readiness of NHREC graduates*
- *More employers hire and retain NHREC graduates for > 1 year*
- *More NHREC grads earn an industry valued certification or credential*

Outcomes Wanted



Postsecondary Satisfaction

- *More dual enrollment credits available to and earned by NHREC students*
- *More NHREC graduates matriculate to college without remediation*
- *More NHREC graduates enter a post-secondary program related to their CTE program of study*

Common Components

- Intentional and structured course sequences – “Pathways” and “Career Academies”
- Students clearly SEE connections between HS, career and postsecondary training
- Intensive employer involvement - curriculum development & providing work-based learning
- Seamless alignment of all pieces
- Integration of academics & technical training
- Opportunities for students to earn industry certifications or college credits while in HS

NHREC Recommendations

Current Model

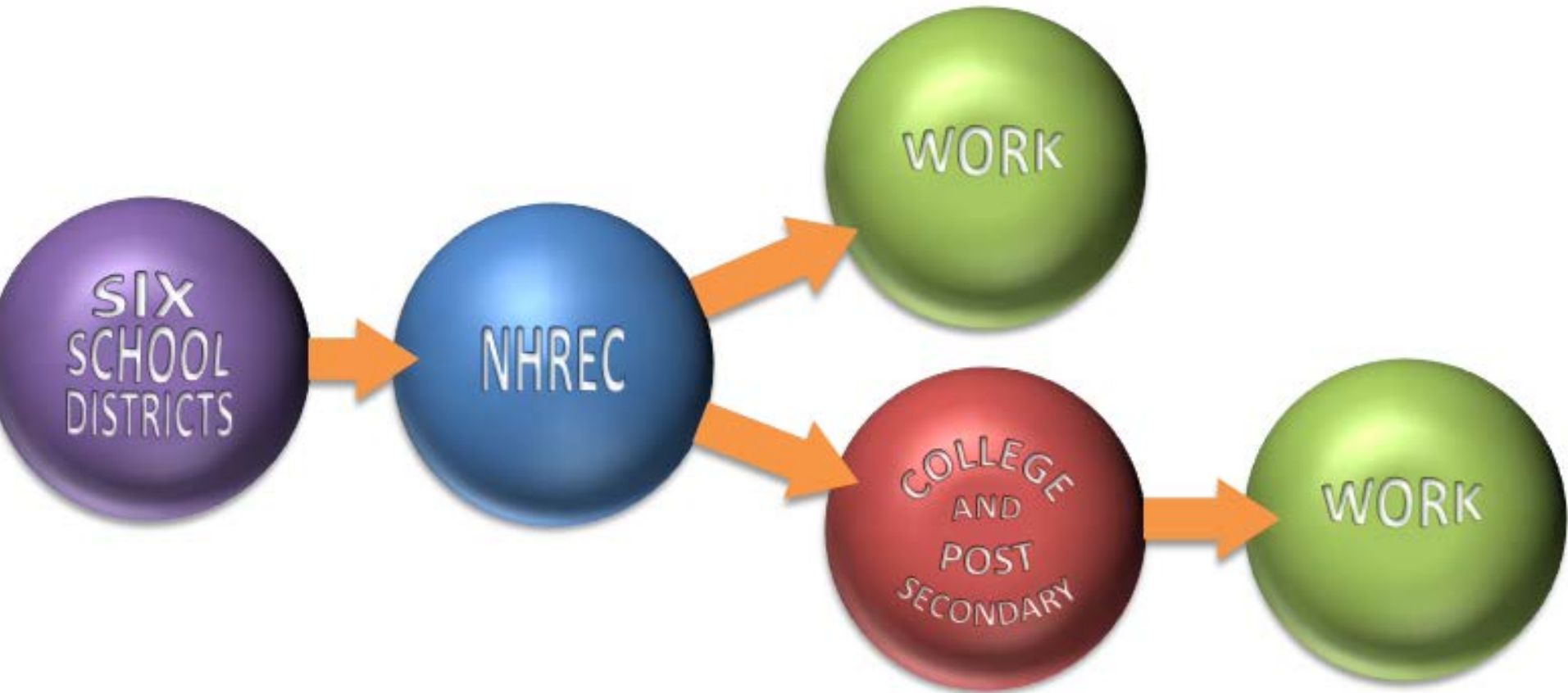
- Education-driven
- Focused on a CTE Half-Day Model
- Centered only around services at the two NHREC campuses



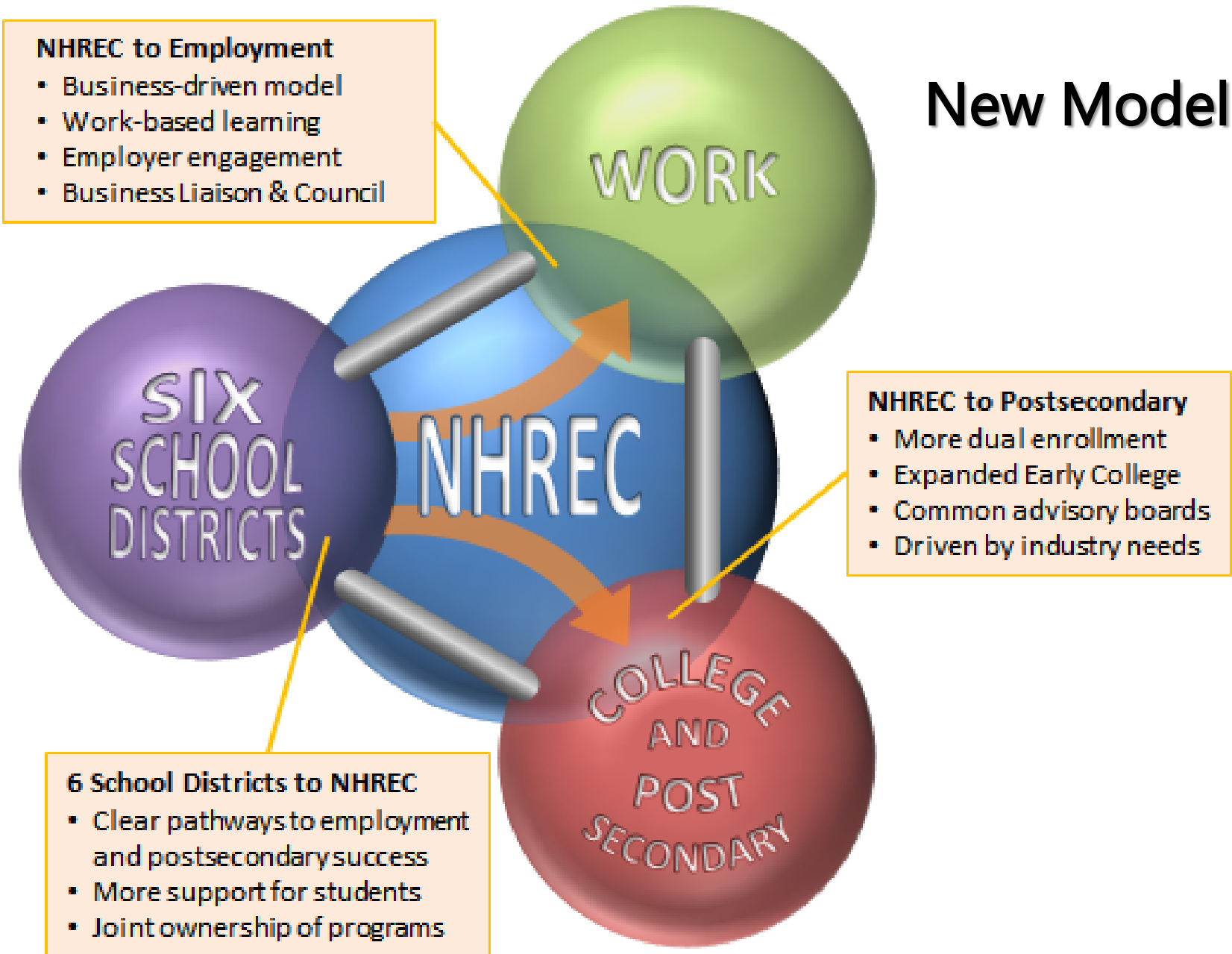
New Model

- Employer-driven
- Focused on multiple models for student readiness and success
- Two NHREC campuses plus coordination of targeted services for school divisions

Current Model (Hope)



New Model



Recommendations

- Implement an Employer-Driven CTE Model
- Align Program Offerings to Regional High Wage/High Demand Business/Industry Needs
- Retool CTE Instructional Delivery Models
- Initiate Innovative, Evidence-Based Instruction
- Enhance Student Support Services
- Engage and Motivate Younger Students
- Develop Marketing and Outreach Strategies

Models of Delivery

- A Half Day CTE and District School Model (current model)
- “Academy for Advanced Technical Careers (Automotive, Construction, Manufacturing)
- A Full Day CTE and Early College Model with Thomas Nelson Community College
- A Full Day CTE and Virtual or Distance Learning Model
- A Full Day CTE and Early Careers Model
- A Facilitated Services Model
- A Transition Services Training, Employment, and Support Model
- A Student-Led Enterprise Model

ACADEMY FOR ADVANCED TECHNICAL CAREERS

MANUFACTURING, CONSTRUCTION,
AUTOMOTIVE TECHNOLOGY

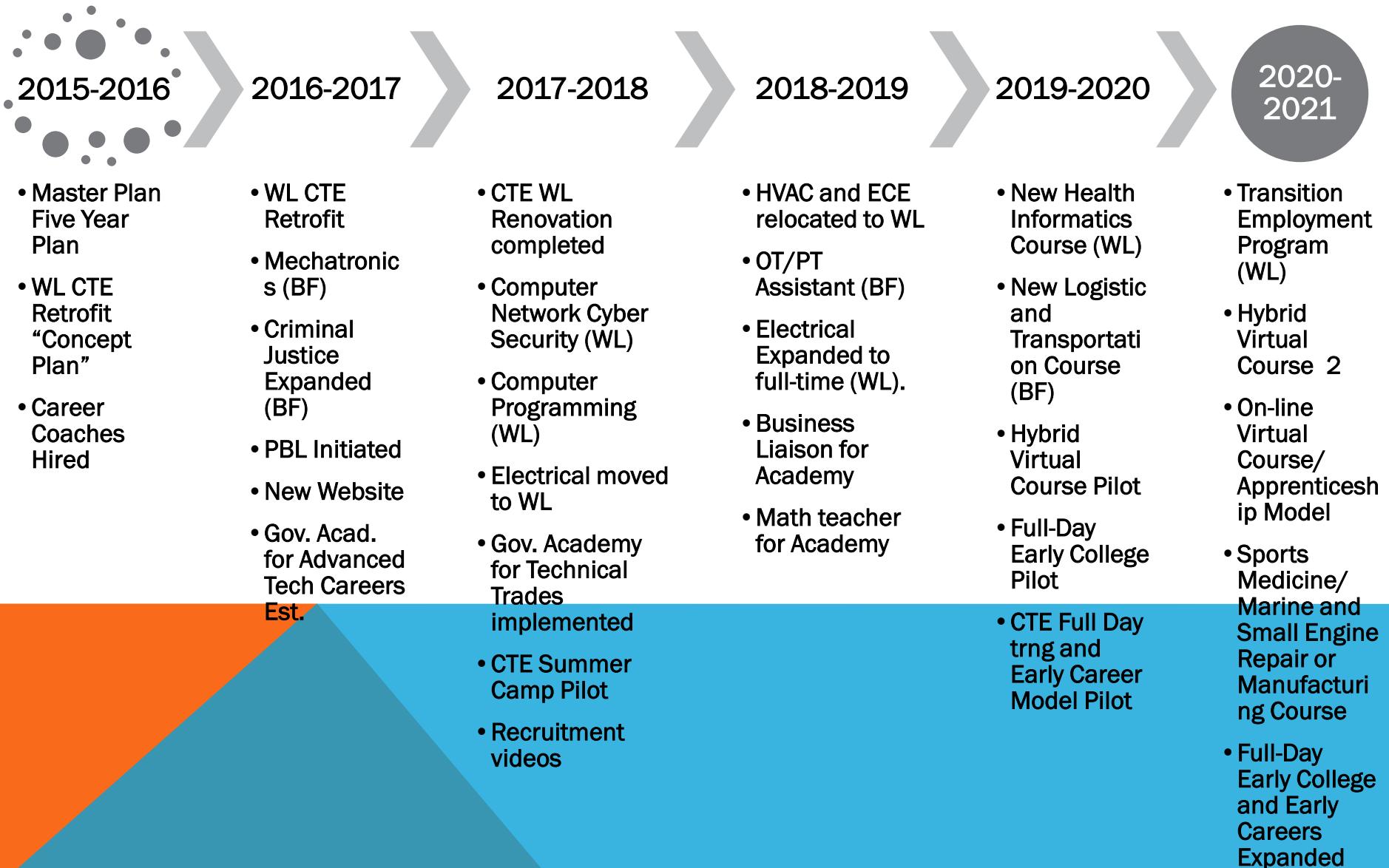
BUSINESS INDUSTRY COUNCIL

BUSINESS LIAISON/APPRENTICESHIPS

FOCUS ON TALENT ACQUISITION/RETENTION
AND POST-SECONDARY



CTE MASTER PLAN TIMELINE (DRAFT 11/16)




2016-2017

- **WOODSIDE LANE CTE \$3.4 MILLION RENOVATION**
Contract, demolition, construction
- **TNCC/NHREC MECHATRONICS**
Leased Space, taught by TNCC at NHREC, 20 dual enrollment credits, Careers Studies Certificate, Siemens Certification, 16 students.
- **ADVANCED TECHNICAL CAREERS (ATC) ACADEMY**
Automotive, Construction, Manufacturing; Business Council; Student Profile, marketing material.
- **ACRONIC GRANT – PROJECT BASED LEARNING**
\$42,600 for two years, teamed with PPCS
- **CRIMINAL JUSTICE – FULL TIME**
- **CAREER COACHES**

2017-2018

- **NEW WEBSITE**
- **WL CTE RENOVATION COMPLETE**
- **CISCO NETWORKING/CSYBERSECURITY ACADEMY**
Qualified instructor, TNCC Career Studies Certificate transfer to ODU
- **COMPUTER PROGRAM APPLICATIONS AND GAMING**
Qualified instructor, TNCC Career Studies Certificate.
- **ADVANCED TECHNICAL CAREERS (ATC) ACADEMY**
Automotive, Construction, Manufacturing; Business Council; Construction Curriculum and Manufacturing course for 2018-2019, Recruitment, marketing
- **ACRONIC GRANT – PROJECT BASED LEARNING**
- **ELECTRICAL FROM BF TO WL CAMPUS**


2018-2019

- **OT/PT ASSISTANT**
 - **NEW MANUFACTURING COURSE**
 - **HVAC AND EARLY CHILDHOOD FROM BF TO WL**
 - **PILOT CANVAS ON-LINE LEARNING PLATFORM**
 - **ADVANCED TECHNICAL CAREERS (ATC) ACADEMY**
Summer Camps, New Construction Curriculum, Apprenticeship/internship option,
 - **EARLY CAREERS OPTION FOR ACADEMY**
 - **INSTRUCTIONAL MATH, TECHNOLOGY**
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FUTURE

- **CONTINUE PROGRAM EXPANSION**
Health Informatics, Logistics and Transportation, Patient Assistant
 - **EARLY COLLEGE**
 - **FULL-DAY (TECHNICAL TRAINING, APPRENTICESHIP)**
 - **FULL-DAY (TECHNICAL TRAINING, VIRTUAL ACADEMICS)**
 - **VIRTUAL HYBRID COURSES**
 - **ONLINE OFFERINGS**
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NHREC CTE SUCCESS

- **100% Capacity Enrollment**
 - **98% Completed program for factors we control**
 - **75% Year I return for Year II**
 - **99% Take credential testing**
 - **89% Pass at Least one credential**
 - **67% Transition to employment or college in field related to training.**
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Questions?