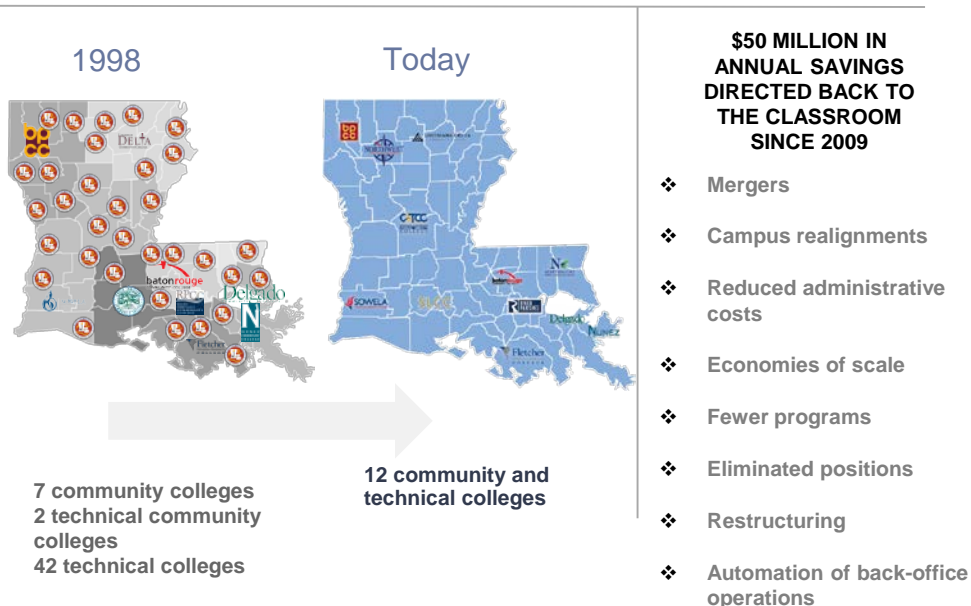


LOUISIANA'S WORKFORCE TRAINING CONCEPTS: LCTCS RESPONSE

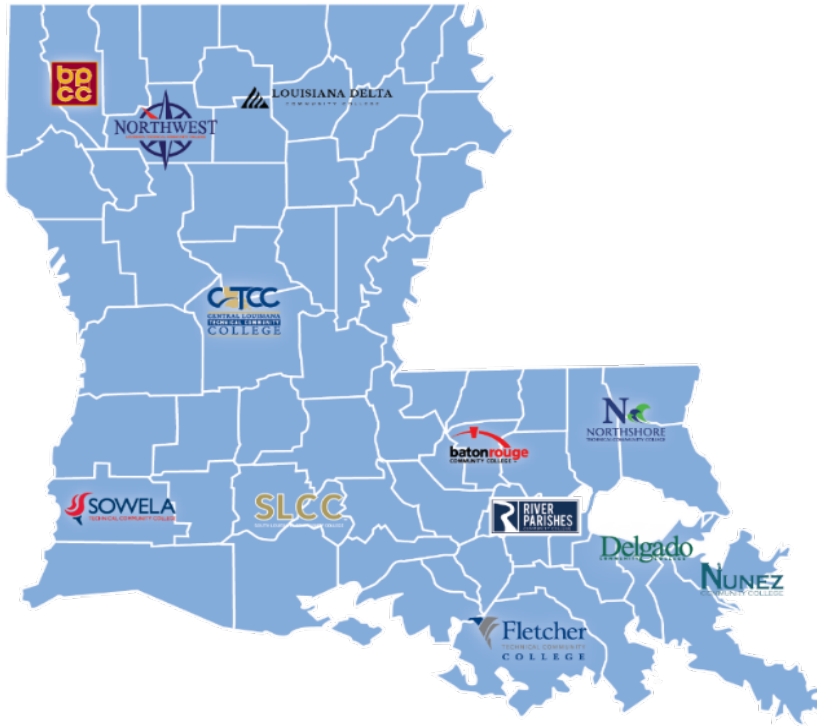
Dr. Tiffany J. Howard, CWD

Director of Transportation Industry Initiatives
LCTCS

LCTCS HAS EVOLVED TO BETTER SERVE THE STATE.



LOUISIANA'S COMMUNITY & TECHNICAL COLLEGES



- Transfer
- Workforce Development
- College and Career Readiness
- Adult Education
- Open Admission

LOUISIANA'S WORKFORCE CHALLENGE

Unemployment rate of 3.5%*

Employment of 2.017M*

Labor force participation rate of 58.5%**

Thousands of jobs unfilled

Infrastructure projects

- Broadband expansion

- Coastal restoration and water management

- Clean water and waste management

- Transportation infrastructure

- H₂TheFuture

- Energy

- Maritime

- Industrial expansion

- Inflation Reduction Act requires registered apprenticeships

**Louisiana Workforce Commission, December 2022*

***St. Louis Fed, December 2022*

NEW INDUSTRIES

- Broadband (IIJA; 200k jobs)
- The installation, maintenance, and troubleshooting of broadband systems.
- Jobs
 - Telecommunications:
 - Customer Service
 - Cloud Support
 - Fiber Optics
 - Infrastructure:
 - Heavy Equipment
 - Lineman
 - Trenching
- Coastal Restoration
- The manipulation of former/degraded lands physical, chemical, or biological characteristics to return its natural functions.
- Jobs
 - Elevation (17k in LA)
 - Wet Floodproofing (Port of New Iberia)
 - Dry Floodproofing

NEW INDUSTRIES CONTINUED



- Energy
- Green Hydrogen, creating 34,500 new jobs
- Jobs



- Wind Technician
- Solar Technician

LOUISIANA'S WORKFORCE CHALLENGE LCTCS RESPONSE

Major expansion and retargeting of programs using federal and state funding

Focus on strategic planning and regional workforce ecosystems

Expansion of pipelines

Emphasis on economic impact to the individual and the community

Performance-based funding: results not promises

Coursework
Work Readiness or JOBS 2450
Industrial Workplace Safety
Orientation to the Construction Trade
Introduction to Earth Moving

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Work Readiness or JOBS 2450
Industrial Workplace Safety
Orientation to the Construction Trade
Introduction to Earth Moving

Outcomes
CTC= 13 SCH
IBC – Heavy Equipment Operator level 1
Exploration of one transportation sector

Value Add
Certified Logistics Associate
Federal Entry Level Driver
CDL Permit Exam

Outcomes
CTC=13SCH
IBC- Certified Logistics Associate, Heavy Equipment Operator 1, CDL Permit
Exploration of three transportation sectors

Impact
Student- elevate resume
High School- Regional Credential

Impact
Student-Multiple accelerated post-secondary options
Comprehensive view- point on industry
Able to enter career ready to work and progress quicker



BROADBAND CONCEPT

Fiber Optic
Tech (IBC)

- Entry level trainee
- Continue into apprentice/intern/job shadowing (ideally)

CDL Theory
(CTC)

- First federally required portion (80%)
- Continue into skills driving Post-secondary

Power Lineman
(Enrichment)

- Complete with Post-secondary
- Increases employability



COSTAL RESTORATION CONCEPT

Water Treatment
Technician (Prep)

- LDH certification
- Continue into Water Management (HS diploma)

CDL Theory (CTC)

- First federally required portion (80%)
- Continue into skills driving

Heavy
Equipment
Operator (IBC)

- Certified level 1 and/or 2
- Increases employability



FUTURE PROJECTIONS

MJ Foster Promise

With proposed changes, we hope to increase the number of eligible, awarded students.

Reboot

Projected to produce approximately 5,000 new highly skilled workers in fields with economic impact, heavily focused on infrastructure jobs.

Broadband

Projected to start 52 broadband programs (total) in 2022-2023; 14 unique programs statewide.

These programs are projected to serve more than 2K students with 8 New Local Apprenticeship programs.

Healthcare

Projected to yield 2K additional graduates over our base numbers in 2022-2023 and an additional 2.5K in 2023-2024.

LOUISIANA INFRASTRUCTURE SKILLS ACADEMY (L.I.S.A)

Statewide strategy, regional design

Coordinated and collaborative approach

Emphasis on registered apprenticeships, inverted degree programs, project-based learning and other highly effective training methodologies

Infrastructure projects

- Broadband expansion

- Coastal restoration and water management

- Clean water and waste management

- Transportation infrastructure

- H₂TheFuture

- Energy

- Maritime

- Industrial expansion

- Inflation Reduction Act requires registered apprenticeships

At the root of it all ... meeting the needs of industry

LOUISIANA'S WORKFORCE CHALLENGE CONNECT WITH LCTCS

Dr. Tiffany J. Howard
Director of Transportation Industry Initiatives
tiffanyhoward4@lctcs.edu

<https://www.lctcs.edu/our-colleges>