

Increasing Access and Opportunity in CTE Programs of Study

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Director

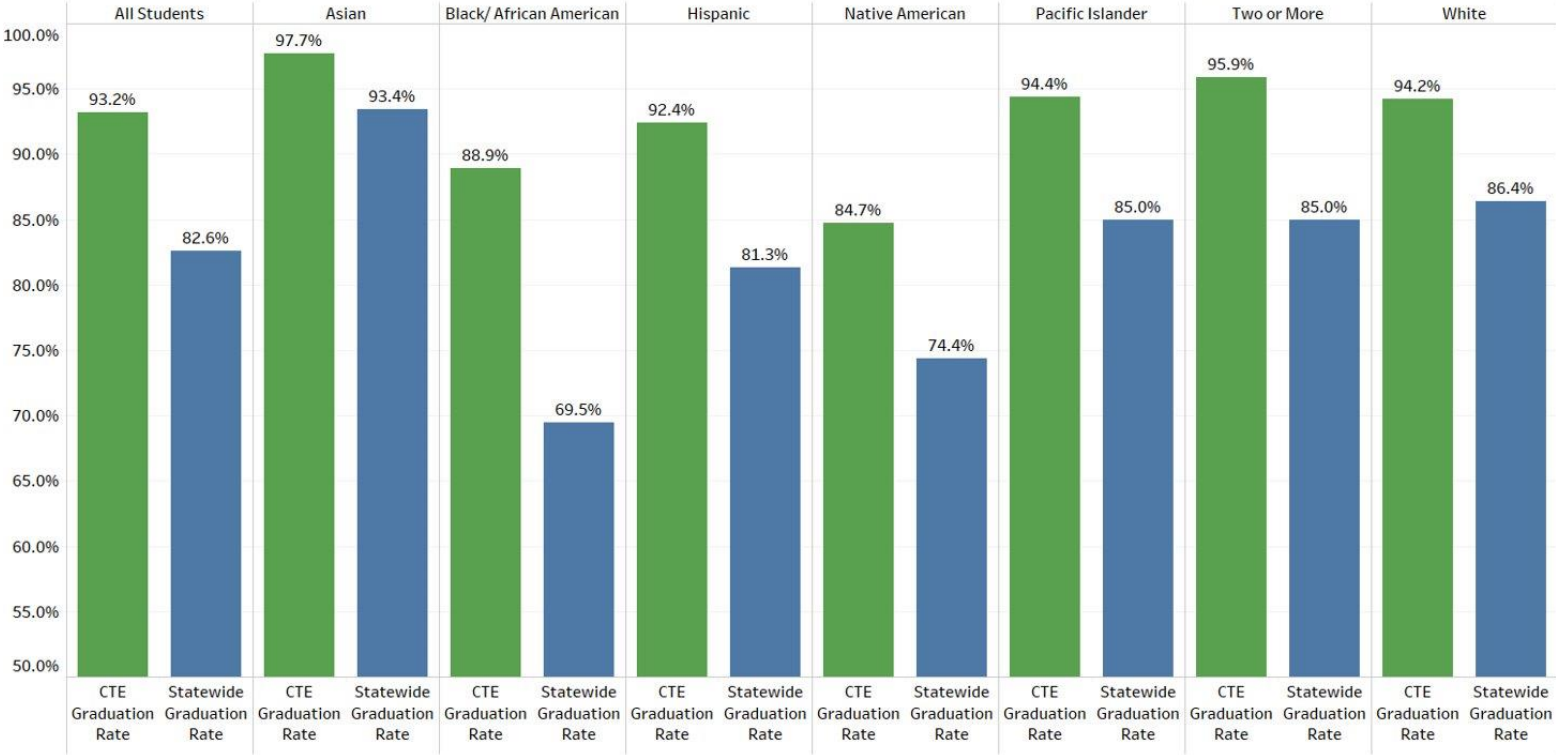
Office of Career Readiness, Adult Learning, and
Education Options

Connection to STIP

- Goal 3 - Equity: Increase access to STEM learning.
- Goal 4 - Equity: Increase participation in college-level and CTE coursework.
- Goal 4 - Access: Expand access to CTE for all students.
- Goal 4 - Community: Increase college enrollment.

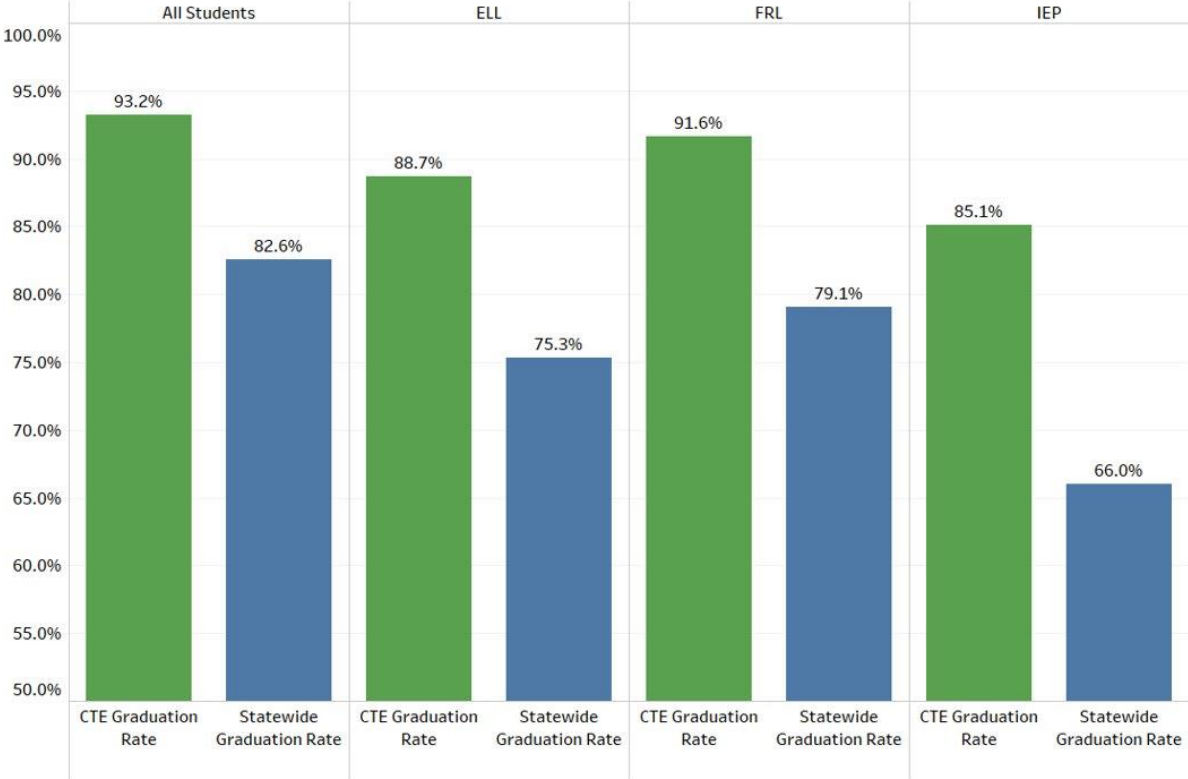
Graduation Rates

CTE Concentrator and Statewide Graduation Rates (includes all students and disaggregation by Race/Ethnicity)

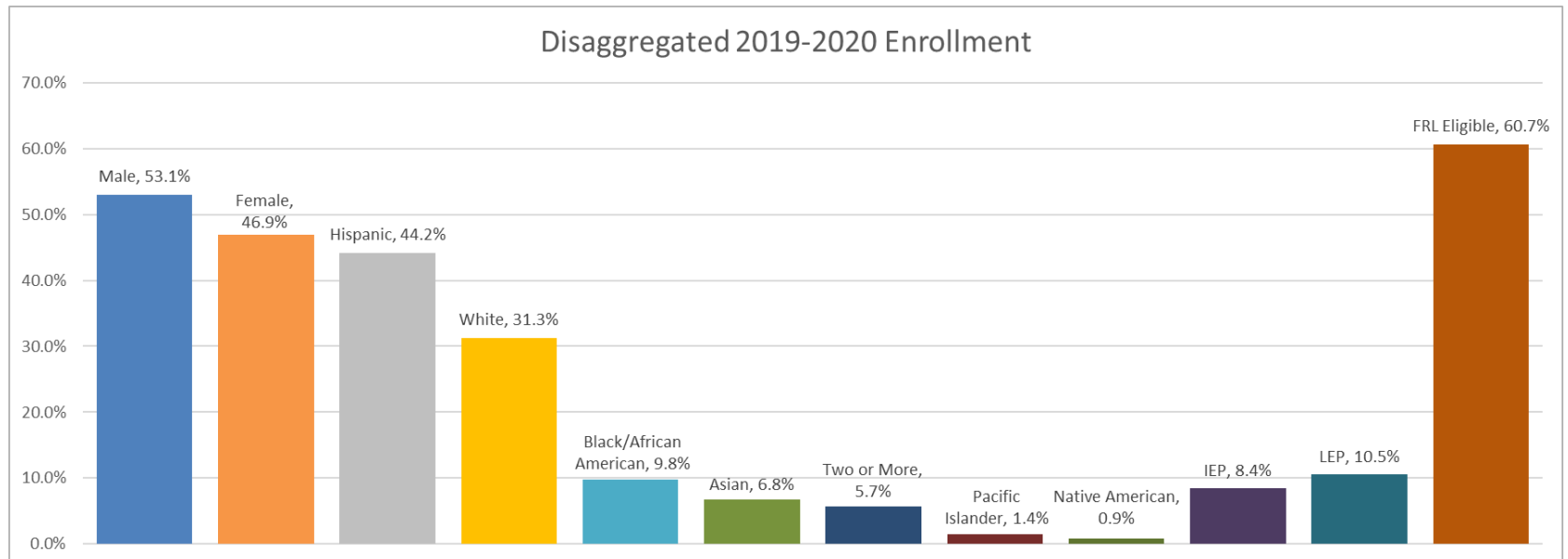


Graduation Rates

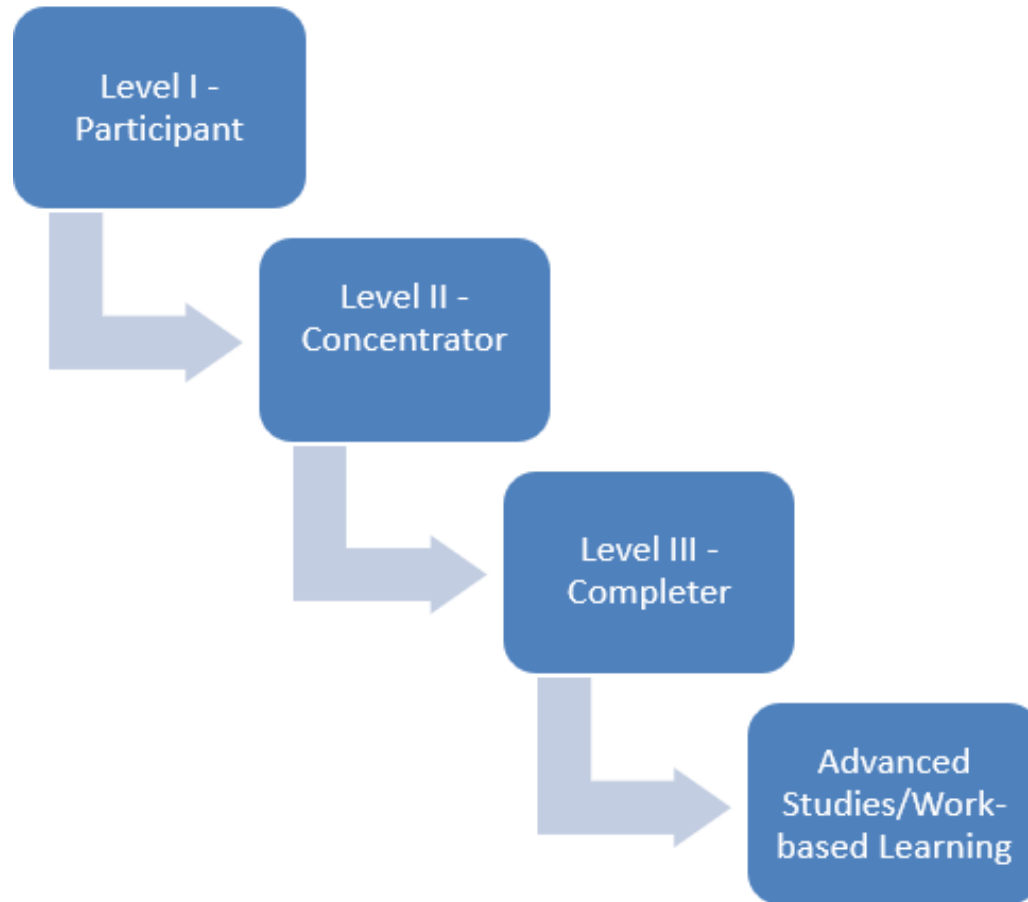
CTE Concentrator and Statewide Graduation Rates (includes all students and disaggregation by Special Population Status)



State CTE Enrollment



Current CTE Structure



Objectives

Access and
Opportunity

Postsecondary
Pathways

Alignment with
Workforce
Needs

Flexibility

Focused
Funding

Programs of Study Proposal

- Combined similar programs
- Two-year programs
- Access to complementary courses
- Access to dual credit, industry credentials, and work-based learning (WBL)

Programs of Study

Agriculture, Food, and Natural Resources:

- Agricultural Power, Structural, and Technical Systems
- Animal Systems
- Plant Systems

Architecture and Construction:

- Building Trades in Construction Technology
- Design Drafting
- Heating, Ventilation, Air Conditioning, and Refrigeration

Arts, A/V Technology, and Communication:

- Graphic Design
- Fashion, Textiles, and Design
- Multimedia Communication
- Radio Production
- Theatre Technology
- Video Production

Business Management and Administration:

- Business Management
- Business Management – High School Business
- Logistics Management – NEW
- Office Management

Education and Training:

- Early Childhood Education
- Teaching and Training

Finance:

- Accounting and Finance

Government and Public Administration:

- Military Science

Programs of Study

Health Sciences:

- Biomedical
- Community Health Science
- Dental Science
- Emergency Medical Technician
- Medical Assisting
- Nursing Assistant
- Practical Nursing
- Sports Medicine

Hospitality and Tourism:

- Culinary Arts
- Hospitality and Tourism

Human Services

- Cosmetology
- Family and Consumer Sciences
- Human and Social Services - NEW

Information Technology:

- Advanced Computer Science
- Cybersecurity
- Digital Game Development
- IT Networking
- Web Design and Development

Programs of Study

Manufacturing:

- Advanced Manufacturing Technologies
- Electronic Technology
- Food Science and Manufacturing – NEW
- Mechanical Technology
- Metalworking
- Welding Technology

Marketing:

- Marketing

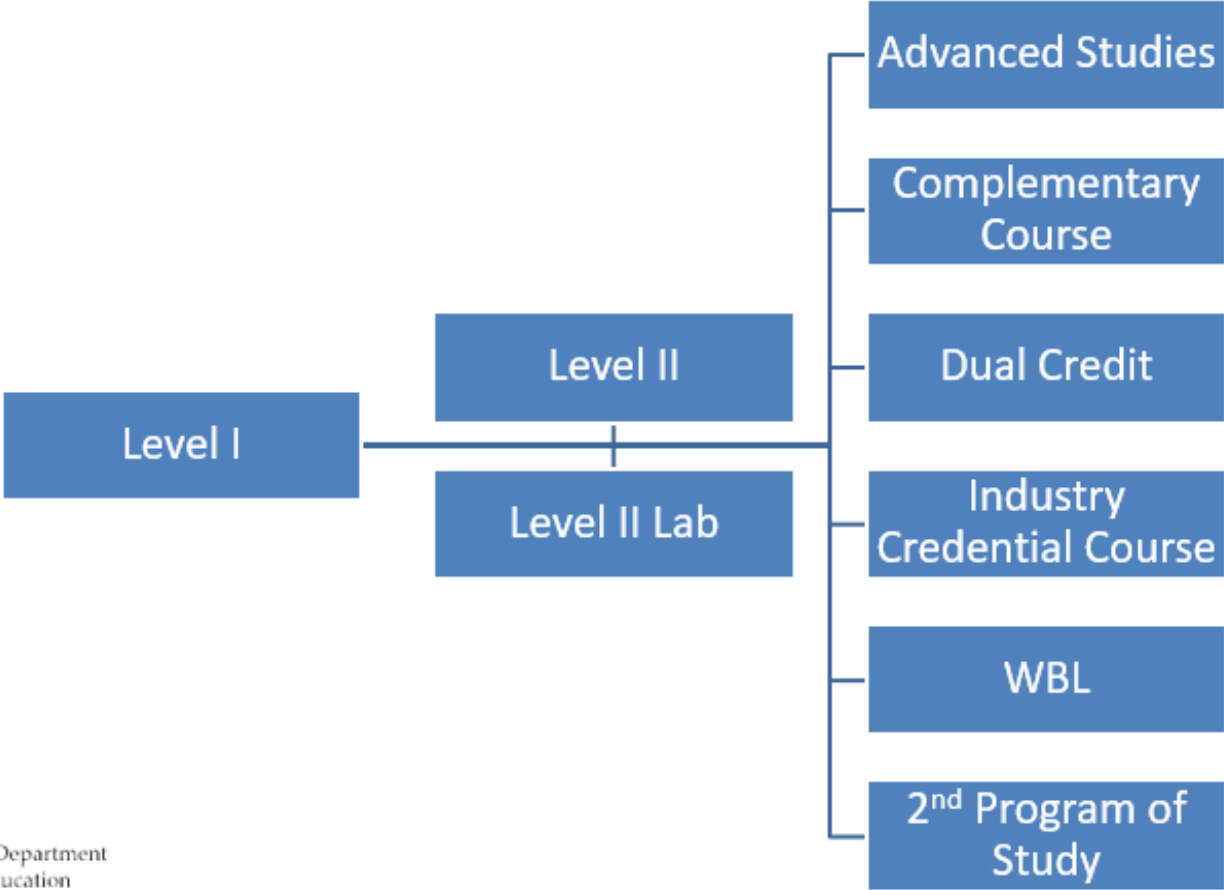
Science, Technology, Engineering, and Mathematics:

- Energy Technologies
- Engineering

Transportation, Distribution, and Logistics:

- Automotive Technology
- Aviation Maintenance Technician
- Aviation Technology
- Diesel Technology

New Program of Study Sequence



Sample Programs of Study

Program of Study	Program Sequence	Complementary Courses (All Programs of Study will have CTE Work Experience and CTE Industry Credential courses)	Potential Dual Credit/Credential Opportunities	New Level I Implementation Year	Additional Notes
Agricultural Power, Structural, and Technical Systems	<ul style="list-style-type: none"> Agricultural Power, Structural, and Technical Systems I Agricultural Power, Structural, and Technical Systems II 	<ul style="list-style-type: none"> Agribusiness Management Agricultural Power, Structural, and Technical Systems Advanced Studies (AS) Agricultural Leadership, Communication, and Policy Agriculture Structures Design and Metal Fabrications 	<ul style="list-style-type: none"> Dual Credit Industry Credential 	2023-24	<ul style="list-style-type: none"> Regional Demand Combines concepts from welding, machining, metals, diesel, and construction (most are High Skill, High Wage, or In-Demand (HSHWID))
Animal Systems	<ul style="list-style-type: none"> Principles of Agriculture, Food, and Natural Resources Animal Science 	<ul style="list-style-type: none"> Agribusiness Management Agricultural Leadership, Communications, and Policy Biotechnology Food Science and Technology Natural Resource and Wildlife Management Veterinary Science 	<ul style="list-style-type: none"> Dual Credit Industry Credential 	2022-23	<ul style="list-style-type: none"> HSHWID Foundational POS that leads to multiple complementary courses Nationally aligned course names and standards

Stakeholder Input

CTE
Administrators

NSHE

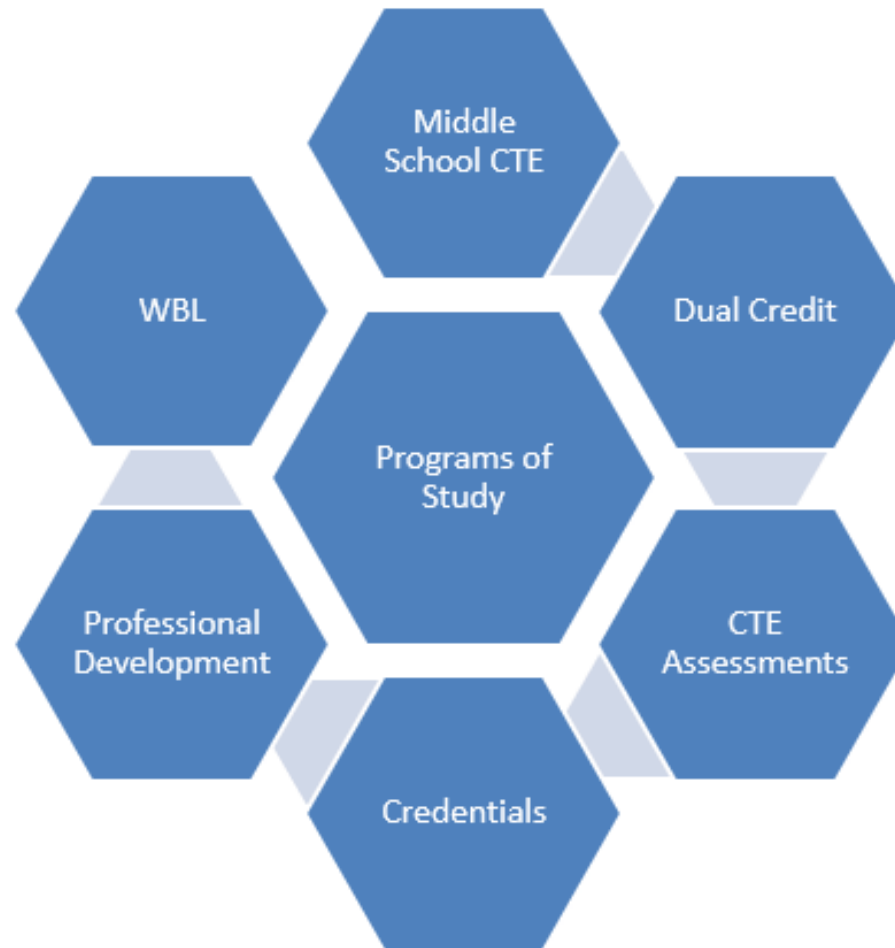
Educators

CTSO Students

Business and
Industry

Other
Agencies

Strengthening CTE In Nevada



Contact Information

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