Maryland Career and Technical Education (CTE) Four-Year State Plan
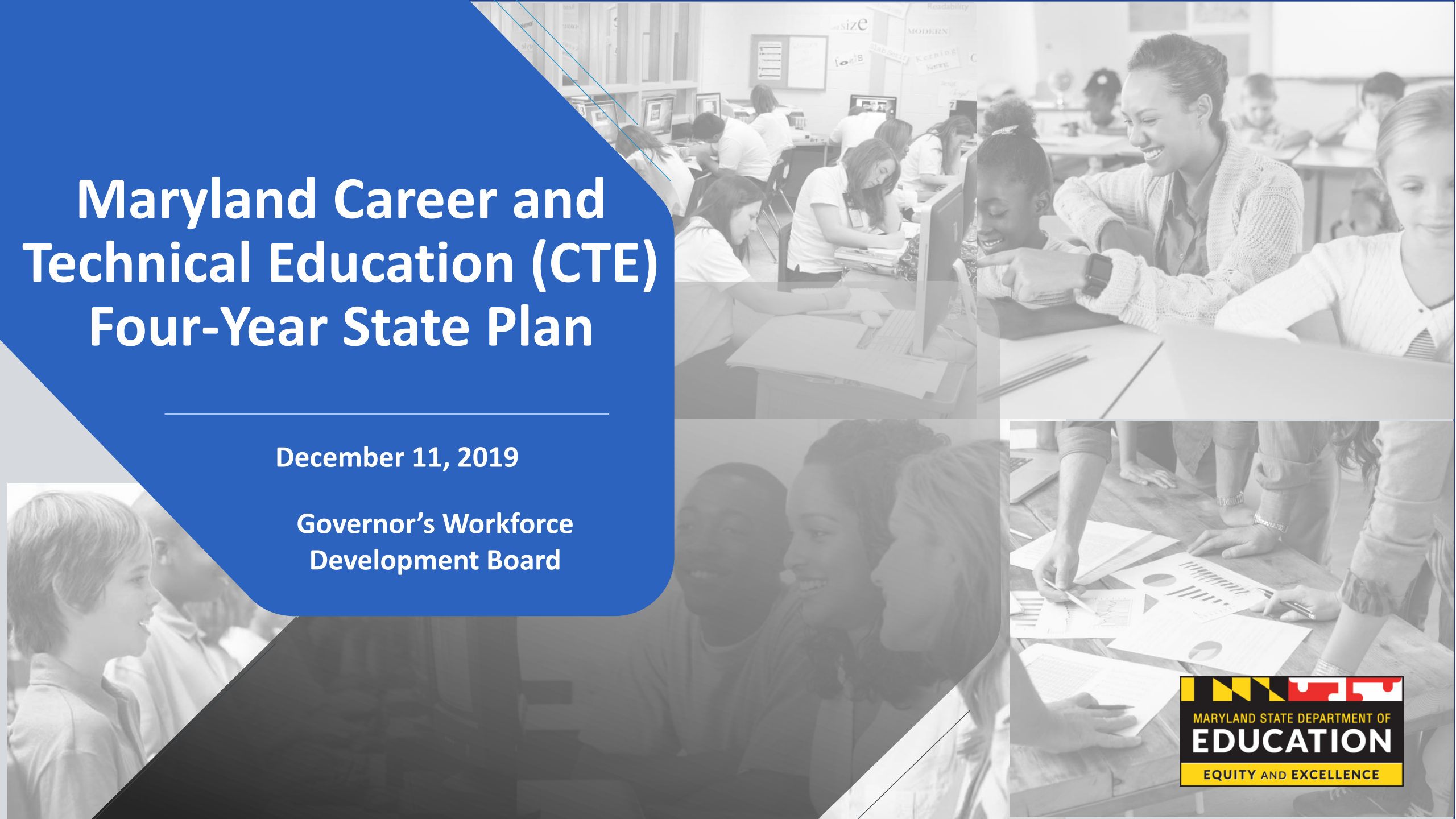
December 11, 2019

Governor's Workforce Development Board

MARYLAND STATE DEPARTMENT OF
EDUCATION
EQUITY AND EXCELLENCE

Division of Career and College Readiness

Three Branches with One Purpose:
To establish a foundation for students to engage in challenging academic and technical education that will allow for success in postsecondary study and careers.

Career and Technical Education
Preparing students for the workforce and postsecondary study.

Leadership Development
Fostering the growth of effective leaders.
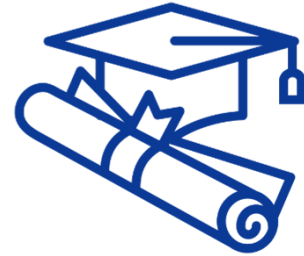
School Improvement
Raising the quality of education.

MARYLAND STATE DEPARTMENT OF EDUCATION
EQUITY AND EXCELLENCE

State Goal

Senate Bill 317
More Jobs for Marylanders Act of 2017

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By January 1, 2025, 45% of High School Students:

Complete a CTE Program

or

Earn Industry-Recognized Credentials

or

Complete a Registered Youth or Other Apprenticeship

Vision for Career and Technical Education

Each student has <u>access</u> and the <u>opportunity</u> to engage in career programs of study that

- ✓ align to high-skill, high-wage, and/or in-demand careers;
- ✓ lead to earning industry-recognized and/or postsecondary credentials that will allow entrance and/or advancement in a specific career cluster; and
- ✓ provide career-based learning experiences that require the application of academic and technical knowledge and skills in a work setting.

Key Shift For CTE In Maryland:

Aligning CTE Programs of Study to:

- ✓ High-wage,
- ✓ High-skill, and/or
- ✓ In-demand careers

High-Wage Careers

Careers that exceed the state average annual wage. The 2018 average annual wage in Maryland was $58,770.

High-Skill Careers

1. Requires previous work-related skills, knowledge, or experience of one or more years;
2. Requires over a year of training;
3. Requires state or federal licensing or industry-recognized certification; or
4. Requires a recognized postsecondary credential or degree.

In-Demand Careers

Careers with a growth rate over ten years of at least 7% or a two-year occupational projected growth of 2.5%.

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Increase Student Access to High-wage, High-skill, or In-demand Careers

42% of High School Students are Enrolled in CTE

Highest Enrolled Programs:

- ✓ Human Resource Services
- ✓ Business Management Finance
- ✓ Information Technology
- ✓ Manufacturing Engineering and Technology

Arts, Media, and Communications

Business Management and Finance

Construction and Development

Consumer Services, Hospitality and Tourism

Environmental, Agriculture and Natural Resources

Health and Biosciences

Human Resource Services

Information Technology

Manufacturing, Engineering and Technology

Transportation Technologies

Career Research and Development

Apprenticeship Maryland

Key Shift For CTE In Maryland:

Expanding the Reach and Scope of Career Guidance

Allowing Perkins Funds to Be Used as Early as Grade 5 for Career Awareness and Guidance

Leveraging Business and Industry Partners to Provide Career Counseling

Key Shift For CTE In Maryland:

Strengthen the CTE Teacher and Faculty Pipeline

Aligning Curricula to Industry Standards

Improving Instructional Supports for CTE Educators

Supporting School Systems in the Recruitment of CTE Teachers

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Key Shift For CTE In Maryland:

Promoting Innovative Practices to Reshape Where, When, How, and to Whom CTE Is Delivered

P·TECH
Pathways in Technology
Early College High School

Expanding Access to Pathways in Technology Early College High School (P-TECH) Program

apprenticeSHIP MARYLAND
Earn and Learn Opportunities for Youth

Expanding Opportunities for Students to Complete Apprenticeships

FFA · Maryland FBLA · SkillsUSA · EDUCATORS RISING · There's power in teaching

Expanding Access to Career and Technical Student Organizations

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Key Shift For CTE In Maryland:

Establishing a CTE Advisory Committee

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Charge: Provide guidance and direction for the statewide system of CTE.

Members will include representatives from:

Local School Systems	Postsecondary Institutions	Business and Industry
Chamber of Commerce	Department of Labor	Economic Development
Workforce Development Board	Maryland Higher Education Commission	Maryland Career and Technical Administrators Association

Thank You

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Career and Technical Education, Education that Works.

Division of Career and College Readiness
Office of Leadership Development and School Improvement