

**TITLE: The 2024-2025 Career and Technical Education Workgroup  
Recommendation to Expand from HTSB's Six CTE License Fields to  
Thirteen**

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The Hawai'i Teacher Standards Board (HTSB) adopts the following recommendation from the 2024-2025 Career and Technical Education (CTE) Workgroup.

1. **Effective July 1, 2025**, HTSB will transition from the current six CTE license fields to a new structure of 13 CTE license fields, as recognized by the Hawai'i Department of Education (HIDOE) (see Table 1).
2. The workgroup further recommends that current CTE teachers be grandfathered into the new 13 CTE license fields.
  - o Beginning **January 1, 2026**, CTE teachers will transition to the newly adopted license fields when renewing their CTE license.
3. HTSB staff will notify and work with Hawai'i State Approved Educator Preparation Programs with CTE licensure fields to align their programs to the new license fields (see Table 2).

**Considerations in Expanding CTE Licensure Fields:**

1. **Difficulty Finding Cooperating Teachers and Clinical Experience Placements**

Given the specialized nature of these programs, it may be challenging to find cooperating teachers for teacher candidates in each specific CTE field. This could impact the availability of suitable clinical experience placement settings for candidates and the quality of mentoring support throughout the teacher preparation program.

2. **Options for Adding CTE Fields**

The options for teachers to add a CTE field are to pass a licensure exam or complete college coursework. Some of the 13 CTE teaching fields do not have licensure exams to use as an option. When licensure exams are not available, coursework is the only option. CTE applicants must obtain 30 semester credits of coursework, of which 15 semester credits must be at the 300 level or higher. Some CTE license fields, especially at the community colleges, may not offer courses categorized at the 300 level or higher.

Existing CTE License Fields Approved by HTSB	Proposed <b>NEW</b> CTE License Fields	Programs of Study
CTE-Arts & Communication	<b>CTE-Cultural Arts, Media, and Entertainment</b>	<ul style="list-style-type: none"> <li>• Digital Design</li> <li>• Film and Media Production</li> <li>• Fashion and Artisan Design</li> </ul>
CTE-Business	<b>CTE-Business Management, Finance, and Marketing</b>	<ul style="list-style-type: none"> <li>• Business Management</li> <li>• Entrepreneurship</li> <li>• Financial Management</li> <li>• Marketing Management</li> <li>• Supply Chain and Logistics Technology</li> </ul>
CTE-Health Services	<b>CTE-Health Services</b>	<ul style="list-style-type: none"> <li>• Public Health Services</li> <li>• Diagnostic Services</li> <li>• Emergency Medical Services</li> <li>• Human Performance Therapeutic Services</li> <li>• Nursing Services</li> </ul>
CTE-Industrial & Engineering Technology	<b>CTE-Informational Technology and Digital Transformation</b>	<ul style="list-style-type: none"> <li>• Artificial Intelligence (AI)</li> <li>• Networking</li> <li>• Programming</li> <li>• Cybersecurity (Cyber)</li> <li>• Web Design and Development (WDD)</li> </ul>
	<b>CTE-Building and Construction</b>	<ul style="list-style-type: none"> <li>• Mechanical, Electrical, and Plumbing (MEP) Systems</li> <li>• Residential and Commercial Construction</li> </ul>
	<b>CTE-Advanced Manufacturing</b>	<ul style="list-style-type: none"> <li>• Automation and Robotics Technology</li> <li>• Electro-Mechanical Technology</li> <li>• Welding</li> </ul>
	<b>CTE-Energy</b>	<ul style="list-style-type: none"> <li>• Alternative Fuels Technology</li> <li>• Power Grid Technology</li> <li>• Renewable Energies Technology</li> </ul>
	<b>CTE-Architectural Design and Engineering Technology</b>	<ul style="list-style-type: none"> <li>• Architectural Design (AD)</li> <li>• Engineering</li> </ul>
	<b>CTE-Transportation Services</b>	<ul style="list-style-type: none"> <li>• Automotive Maintenance and Light Repair (MLR)</li> <li>• Automotive Collision Repair</li> <li>• Aviation Maintenance Technology</li> <li>• Marine Maintenance Technology</li> </ul>
CTE-Natural Resources	<b>CTE-Agriculture, Food, and Natural Resources</b>	<ul style="list-style-type: none"> <li>• Animal Systems, Food Systems</li> <li>• Natural Resources Business</li> <li>• Natural Resources Management</li> </ul>
CTE-Public & Human Services	<b>CTE-Education</b>	<ul style="list-style-type: none"> <li>• Learning Support Professionals (LSP)</li> <li>• Teaching As a Profession (TAP)</li> </ul>
	<b>CTE-Hospitality, Tourism, and Recreation</b>	<ul style="list-style-type: none"> <li>• Culinary Arts</li> <li>• Sustainable Hospitality and Tourism Management</li> </ul>
	<b>CTE-Law and Public Safety</b>	<ul style="list-style-type: none"> <li>• Law Enforcement Services</li> <li>• Fire and Emergency Services (FES)</li> <li>• Pre-Law</li> </ul>

Table 1. HTSB existing and proposed CTE license fields.

<b>Hawai'i SATEPs w/CTE Programs</b>	<b>Current CTE Licensure Fields</b>	<b>Proposed <b>NEW</b> CTE License Fields</b>
Brigham Young University-Hawai'i	<ul style="list-style-type: none"> <li>• <b>CTE-Business (6-12)</b></li> <li>• <b>CTE-Arts and Communication (6-12)</b></li> </ul>	<ul style="list-style-type: none"> <li>• CTE-Business Management, Finance, and Marketing (6-12)</li> <li>• CTE-Cultural Arts, Media and Entertainment (6-12)</li> </ul>
Leeward Community College	<ul style="list-style-type: none"> <li>• <b>CTE – Arts and Communications (6-12)</b></li> <li>• <b>CTE – Business (6-12)</b></li> <li>• <b>CTE – Health Services (6-12)</b></li> <li>• <b>CTE – Industrial and Engineering Technology (6-12)</b></li> <li>• <b>CTE – Natural Resources (6-12)</b></li> <li>• <b>CTE – Public and Human Services (6-12)</b></li> </ul>	<ul style="list-style-type: none"> <li>• CTE-Cultural Arts, Media and Entertainment (6-12)</li> <li>• CTE-Business Management, Finance, and Marketing (6-12)</li> <li>• CTE-Informational Technology and Digital Transformation (6-12)</li> <li>• CTE-Building and Construction (6-12)</li> <li>• CTE-Advanced Manufacturing (6-12)</li> <li>• CTE-Energy (6-12)</li> <li>• CTE-Architectural Design and Engineering Technology (6-12)</li> <li>• CTE-Transportation Services (6-12)</li> <li>• CTE-Agriculture, Food, and Natural Resources (6-12)</li> <li>• CTE-Education (6-12)</li> <li>• CTE-Hospitality, Tourism, and Recreation (6-12)</li> <li>• CTE-Law and Public Safety (6-12)</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Limited CTE – Arts and Communications (6-12)</b></li> <li>• <b>Limited CTE – Business (6-12)</b></li> <li>• <b>Limited CTE – Health Services (6-12)</b></li> <li>• <b>Limited CTE – Industrial and Engineering Technology (6-12)</b></li> <li>• <b>Limited CTE – Natural Resources (6-12)</b></li> <li>• <b>Limited CTE – Public and Human Services (6-12)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Limited CTE-Cultural Arts, Media and Entertainment (6-12)</li> <li>• Limited CTE-Business Management, Finance, and Marketing (6-12)</li> <li>• Limited CTE-Informational Technology and Digital Transformation (6-12)</li> <li>• Limited CTE-Building and Construction (6-12)</li> <li>• Limited CTE-Advanced Manufacturing (6-12)</li> <li>• Limited CTE-Energy (6-12)</li> <li>• Limited CTE-Architectural Design and Engineering Technology (6-12)</li> <li>• Limited CTE-Transportation Services (6-12)</li> <li>• Limited CTE-Agriculture, Food, and Natural Resources (6-12)</li> <li>• Limited CTE-Education (6-12)</li> <li>• Limited CTE-Hospitality, Tourism, and Recreation (6-12)</li> <li>• Limited CTE-Law and Public Safety (6-12)</li> </ul>
University of Hawai'i – Hilo	<ul style="list-style-type: none"> <li>• <b>CTE-Business (6-12)</b></li> <li>• <b>CTE Natural Resources (6-12)</b></li> </ul>	<ul style="list-style-type: none"> <li>• CTE-Business Management, Finance, and Marketing (6-12)</li> <li>• CTE-Agriculture, Food, and Natural Resources (6-12)</li> </ul>

Table 2. Hawai'i State Approved Educator Preparation Providers CTE Programs and license fields.

**Rationale/Background:**

By offering more licensure options, the CTE field becomes more inclusive of individuals with expertise in various industries, leading to a more diverse and skilled teaching workforce. This expansion can also help address teacher quality by licensing individuals with specialized experience in the specific field.

In 2022-2023, the CTE Workgroup met multiple times in accordance with [NBI 22-57](#).

During the 2023-2024 school year, the CTE Workgroup recommended that the HTSB advocate for expanding the pool of qualified teachers for CTE courses. Expansion would allow individuals with a high school diploma and relevant industry experience to qualify for a CTE teaching license, alongside those individuals who earned at least an associate's degree. The aim is to provide access to people with industry knowledge and experience to teach CTE courses in Hawai'i. In response, HTSB supported these changes to Hawaii Administrative Rules through Senate Bill (SB) 2257.

The CTE Workgroup reconvened in the 2024-2025 school year to revisit the recommendations made to the Board in [NBI 22-101](#). One key recommendation was to expand HTSB's CTE license fields to 13, aligning more closely with employer needs and ensuring that Hawai'i's qualified teachers obtain a license specific to the CTE area they teach. This change would guarantee that CTE teachers are qualified to provide high-quality instruction, maintain safety, and comply with regulations. It also ensures that teachers possess the necessary expertise to teach specialized subjects that align with industry standards and supports student career readiness.

**Cost:** \$4,000

Estimated Cost for Licensing Management System (LMS) changes to transition from six CTE licensure fields to 13 CTE licensure fields.

**Submitted by:** Kristi Miyamae

**Referred to:** Teacher Standards Committee