

Career & Technical Education Innovative Course Committees

The release of the approved statewide programs of study in September of 2019 included courses to be developed (TBD). The TBD courses were identified during the evaluation of labor market data of the occupations in Texas and the skills gap analysis that was conducted to align the skills in those occupations with the existing career and technical education (CTE) Texas Essential Knowledge and Skills (TEKS). These courses are essential to providing students with the skills necessary to be prepared for a postsecondary transition into the occupation or continued education to attain advanced skills in the associated career field.

The Texas Education Agency is using the 2020 innovative course application process to encourage CTE stakeholders to create courses in gap areas to facilitate availability for the 2021 – 2022 school year. This measure does not supersede or replace the State Board of Education's (SBOE) TEKS review and revision schedule for CTE career clusters. Innovative courses will be considered by the SBOE for adoption as TEKS-based courses when the SBOE reviews courses in the relevant career cluster.

TEA encourages organizations to build a committee that includes individuals with the following qualifications and experiences:

- Industry experience in the field of the course being created; or
- Teacher in the career cluster; or
- District curriculum coordinator; or
- Postsecondary curriculum expert; and
- Willingness to meet remotely to complete the innovative course application

Individuals interested in leading committee work are encouraged to let TEA know. Individuals who are interested in working on a course or courses, but not in a leadership capacity can also let TEA know and TEA will help facilitate the formation of committees. Please indicate interest in either role by responding to the email provided below before November 1st, 2020.

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Please respond with the following information:

1. Name of the course
2. First and last name
3. Contact information, email address and phone number
4. Industry experience and/or current position

Once the committees are formed, members will be provided with information on the innovative course application process and resources to aide with course development. Point of contact during the innovative course application will be Kelsey Kling, Curriculum Standards and Student Support, and your Texas Education Agency (TEA) CTE contact.

In order to expedite this process, TEA is encouraging educators and industry partners to form committees to develop the innovative course application for the priority list of TBD courses below from the approved statewide programs of study found below.

To be Developed (TBD) Innovative Course Applications 2020 Priority List

<u>Career Cluster</u>	<u>Program of Study</u>	<u>Innovative Course (TBD)</u>	<u>Course Level</u>	<u>CTE Contact</u>
Agriculture, Food, and Natural Resources	Applied Agricultural Engineering	Geographic Information Systems for Agriculture	3	Les Hudson
Arts, Audio Visual Technology, and Communications	Digital Communications	Practicum in Digital Audio Technology	4	Avery Barrera
Business, Marketing, and Finance	Entrepreneurship	Practicum in Entrepreneurship	4	Dale Fowler
Energy	Refining and Chemical Processes	Advanced Instrumentation and Electrical	3	Laura Torres
Health Science	Exercise Science and Wellness	Kinesiology II	3	Kevin Johnson
Health Science	Health Informatics	Medical Intervention Evaluation and Research	2	Kevin Johnson
Health Science	Healthcare Diagnostics	Imaging Technology I	2	Kevin Johnson
Health Science	Healthcare Diagnostics	Imaging Technology II	3	Kevin Johnson
Health Science	Healthcare Therapeutic	Dental Anatomy and Physiology	2	Kevin Johnson
Health Science	Healthcare Therapeutic	Pharmacy I	2	Kevin Johnson
Health Science	Medical Therapy	Allied Health Therapeutic Service	2	Kevin Johnson
Health Science	Medical Therapy	Physical Therapy I	3	Kevin Johnson
Health Science	Medical Therapy	Physical Therapy II	4	Kevin Johnson
Health Science	Nursing Science	Science of Nursing	2	Kevin Johnson
Health Science	Nursing Science	Clinical Ethics	3	Kevin Johnson
Hospitality and Tourism	Lodging and Management	Practicum in Event and Meeting Planning	4	Debbie Wieland
Human Services	Family and Community Services	Social and Community Services	2	Debbie Wieland
Manufacturing	Advanced Manufacturing and Machinery Mechanics	Programmable Logic Controller II	3	Jennifer Bullock
Science, Technology, Engineering, and Mathematics	Programming & Software Development	Cloud Computing	2	Laura Torres
Transportation, Distribution, and Logistics	Aviation Maintenance	Aviation Maintenance	2	Kevin Johnson