



<https://connectedtech.org/itss-2020/>
972.377.1786
ctitus@collin.edu



The “IT Skill Standards 2020 and Beyond” project is developing employer-led, up-to-date skill standards and model curriculum outlines with the goal of expanding the pipeline of right-skilled individuals to fill the many open IT jobs across the nation over the next several years.

The last comprehensive IT Skills Standards were developed in 2003 and were widely-used by educators and employers. While some groups have addressed portions of IT, there is no comprehensive, easy-to-use set of standards for the most critically-needed IT job clusters. Note also that standards already developed will be used as a basis for “IT Skill Standards 2020 and Beyond” work as appropriate.

In February 2019, a group of IT thought leaders (mostly CIOs and CTOs) identified the most immediate and critical seven future-focused job clusters. Remaining clusters will be identified fall 2020.

FIRST SEVEN JOB CLUSTERS

Data Analytics and Predictive Modeling
Data Management and Engineering
Infrastructure Connectivity and Management
Security

Software Development
Technical Project/Program Management
Technical Support

ITSS work per job cluster are driven by Subject Matter Experts (SMEs).

- Employer SMEs meet to develop and verify draft
• Tasks, knowledge, skills and abilities
• Employability skills
• Key performance indicators

- Faculty SMEs will meet to develop and verify draft
• Student learning outcomes

186 Employers have contributed to date
46 Educators have contributed to date

New IT Skill Standards will be used by:

- Colleges to help better offer in-demand curriculum and widen the pipeline of workforce-ready IT graduates
• Businesses to help better develop forward-facing job descriptions

Resources

“Data Analytics and Predictive Modeling” cluster outcomes
<https://connectedtech.org/itss-2020/data-analytics-and-predictive-modeling/>

“Infrastructure Connectivity and Management” cluster outcomes
<https://connectedtech.org/itss-2020/infrastructure-connectivity-management-and-engineering/>

“Technical Support” cluster outcomes
<https://connectedtech.org/itss-2020/technical-support/>