

Workforce of the Future Act

Artificial intelligence and other key emerging and advanced technologies have the potential to substantially alter the workforce for millions of Americans. These technologies have advanced by leaps and bounds in recent years, creating endless opportunities for innovation and productivity. Modern AI applications can render creative and realistic videos, generate music, and perform tasks ranging from data analytics to routine administration. While innovations like these are critical to maintaining the United States' global technological leadership and thriving economy, Congress must be mindful of what impact these advancements might have on America's current and future workforce. We must invest in students across America and provide them with the education required to work alongside new emerging and advanced technologies in the economy of tomorrow. We must invest in workers to ensure they have lifelong learning opportunities and that tomorrow's technology-enabled workforce maintains high quality, good-paying jobs.

The **"Workforce of the Future Act"** is a critical step towards this future. This bill would identify how AI and emerging technologies will change the workforce of the future and provide workers, teachers, and our nation's students with the resources to develop integral skills required to participate in that workforce. The bill would provide \$250 million in grant funding to support education, training, workforce development and lifelong learning opportunities for students, educators, and workers to prepare them for the technology-enabled workforce of tomorrow.

The "Workforce of the Future Act" would:

- Require the Department of Labor (DOL), National Science Foundation, and the Department of Education (ED) to conduct a study identifying what job sectors will be highly impacted by the continued advancement of AI.
 - The study would include analysis of changes in job quality, and differential impacts on demographic groups (including race, ethnicity, gender, socio-economic status or income level, age, disability status, and geography).
- Authorize \$250 million in grant funding for labor organizations and state, local, and tribal entities managing education and workforce development programming to foster the development of emerging and advanced technology education in K-12 schools, train a new generation of emerging and advanced technology teachers, and provide workers with upskilling and lifelong learning opportunities. The funding would be administered as follow:
 - \$160 million administered through ED for the creation of K-12 educational programming to reduce equity gaps, foster increased interest in and exposure to emerging and advanced technology education, as well as teacher development and recruitment.
 - \$90 million for upskilling, lifelong learning, and other workforce development initiatives for workers in sectors or occupations projected, based on the study required by this Act, to be the most highly impacted by AI.