LEARNING NEWSFLASH

Innovative Strategies and Tools to Enrich Knowledge

TOP WORKFORCE SKILLS
STUDENTS WILL NEED BY 2020

As we gear up for our students coming back to campus we thought it would be fitting to share this web article on workforce skills for students. E-campus news recently published an article on the top 10 workforce skills students will need by 2020, which also reveals the top drivers of change in today’s workforce. The catalysts include the rise of ‘smart’ machines and systems, the increasingly computational world and the new media ecology, as well as globalization, superstructured organizations, and increasing longevity.

Given these changes in the workforce, students need to develop skills that allow them to excel in this modern environment. These are the following:

1. **Sense making**: ability to determine the deeper significance of what is expressed.
2. **Social intelligence**: ability to connect with others in a deeper and more direct way.
3. **Novel and adaptive thinking**: proficiency in elaborating new and creative solutions.
4. **Cross-cultural competency**: ability to elaborate in different cultural settings effectively.
5. **Computational thinking**: ability to perform data-based reasoning and abstraction.
6. **New media literacy**: ability to assess and create content that employs new media forms.
7. **Transdisciplinary**: literacy and understanding across multiple disciplines.
8. **Design mindset**: ability to represent and develop tasks around their desired outcomes.
9. **Cognitive load management**: ability to filter information for importance and maximize cognitive functions.
10. **Virtual collaboration**: ability work as part of a virtual team, productively and engaged.

The full article is available at the following link:
https://www.ecampusnews.com/stem/top-workforce-skills-2020/