

2023 Article Call Adjustments

Newsletters

How are College Admissions practices Over Emphasizing AP courses?

July 5, 2023 Due. Do AP classes carry disproportionate weight in college admissions? Are minority students taught with inadequate curriculum and who do not take calculus and AP math at risk of not being admitted as College Admissions practices act as gatekeepers against students from underserved school systems?

There is no one answer to these questions. Some people believe that the college admissions process should change to adjust for over emphasizing AP course value, while others believe that the process should stay the same.

If minority students haven't taken any AP classes throughout high school, admissions officers may not have an idea of what type of course load they can manage for success which can place their admission at risk. Ultimately, it is up to the individual colleges and universities to decide how they want to handle AP courses and their value and to each individual student to decide whether to take available AP courses.

Advanced AP Placement Programs

Is Blockchain and Cybersecurity the Future for Minorities and Women?

November 5, 2023 Due. Since a more culturally diverse and inclusive workforce will help better identify risks and vulnerabilities for organizations and federal agencies, how can education and awareness be broadened to enlarge the pool of managers and directors as well as front line analysts?

There is no one-size-fits-all answer to this question, as the potential applications of blockchain technology are vast and varied. However, there is potential for blockchain technology to help empower minority and women-owned businesses by providing them with more transparent and secure ways to do business.

Additionally, blockchain technology could help to reduce the gender wage gap by providing a more secure and transparent way to track and record.



White Papers

Is Digital Entertainment the Best Path to Digital Literacy?

Aug 8, 2023 Due. How can we be more effective in moving more students from consumers of entertainment technology to creators of code and programs to achieve authentic economic inclusion? It is possible that working in digital entertainment could be a natural way to acquire digital competency. However, there is no guarantee that this is the case since it depends on the individual and what they consider to be "good." Some people might find value in digital entertainment in terms of developing their digital competence, while others might not. It is ultimately up to the individual to decide if this is a good path for them.

Can demonstrating the importance of technology and math as drivers in entertainment applications (e.g., video games, movie special effects, virtual reality, etc.) be better taught and applied to get young people to apply their entrepreneurial creativity to starting a technology-focused business?



Bringing Solutions to climate, water, and food challenges with science

December 6, 2023 Due. The world faces a global hunger crisis of unprecedented proportions. Fueled by conflict, climate shocks and COVID-19, the crisis is escalating as the war in Ukraine drives up the costs of food, fuel, and fertilizers.

There are many ways that science and technology are bringing solutions to food and water shortage challenges and climate change. For example, science and technology are helping to develop new ways to grow food, including using hydroponics and vertical farming. Also, science can help us to better understand the water cycle, how to conserve water, and how to use water more efficiently. Science can also help us to develop new crops that are more drought-resistant and to breed disease resistant livestock.

How is science bringing solutions to climate, water, and food challenges in underdeveloped nations?

