DSU STEM Outreach 2021 Summer Camp Schedule

**AiMS**
Adventures in Modeling & Simulation Camp. Participants will be exposed to open ended problems such as predicting trends of population and diseases, sports analytics, optimal marketing strategies, and much more! 9am - 1pm

- Grades 9–12: $50

**Code School**
An intensive nine-week course to jumpstart a web programming career. Interaction with the local industry is facilitated by Code School. Learn modern web technologies, javascript databases, web frameworks, client-side and server-side web application development. 9am - 1pm. To apply go to www.cit.dixie.edu/

- Grades 11–Adult: Free w/Admission

**Crypto Camp**
Learn about the exciting world of mathematical cryptography and information security. Participants will make and break ciphers and codes and learn about exciting advances in quantum computing. 9am - 1pm

- Grades 9–11: $50

**CSI Dixie**
In this interactive camp, high school students explore the tools and practices of forensic scientists. Participants will go on a scavenger hunt to solve a mystery and will test and analyze their samples in DSU labs. 9am - 3:30 pm

- Grades 10–12: $100

**D.E.A.P**
Bring your instrument or come as you are and learn how to compose and perform electro-acoustic music. Under the guidance of DSU faculty members, participants will learn to use and create virtual instruments using Pure Data, culminating in an informal group performance.

- Grades 9–12: $50

**Dixie PREP**
The Dixie State University Precollege Program (PREP) is a NO COST seven-week summer school that challenges high achieving 6th, 7th, and 8th grade students who are interested in science, technology, engineering, and mathematics (STEM).

- Application Deadline February 28

**Machine Learning**
Explore the world of machine learning with this hands-on experience. Participants will implement several applied machine learning techniques to build programs such as facial recognition, and more. If you are interested in engineering, this camp is for you. 9am - 1pm

- Grades 8–12: $150

**STEM Girls Camp**
STEM Girls is chance for girls to explore exciting topics from Science, Technology, Engineering, and Math. Taught by female STEM students at Dixie State with a strong emphasis on female-led innovations in STEM. 8 am - 12 pm

- Grades K-8: $150

**Wearable Technologies**
Whether it’s for art or healthcare, wearable technologies are a hot trend. Learn to code with arduino technology and create an exciting wearable piece to impress your friends. 9am - 1pm

- Grades 6-9: $150

**Maker Workshops**
Register for one or more of our maker workshops and learn the skills to design, code, and make your own creations. Register today at https://stem.dixie.edu/community-events/

Register Today!
stem.dixie.edu/summer-camps/