THRIVING IN OUR DIGITAL WORLD

COMPUTER SCIENCE

Thriving in Our Digital World teaches computer science principles, a set of core ideas that shapes the landscape of computer science and its impact on our society. In addition to learning about the magic and beauty of computing, students will acquire essential Texas College and Career Readiness skills, applying critical thinking, problem solving, and communication within a project-based learning framework.

Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn three hours of UT credit with feedback and assessment provided by UT course staff.
THRIVING IN OUR DIGITAL WORLD

BIG IDEAS

IMPACT
Examining subtle and dramatic effects of computing on our world

DIGITAL MANIPULATION
Redefining imagery and sound through computing

PROGRAMMING
Coding programs that serve useful functions

BIG DATA
Discovering new knowledge through the analysis of real world data

REPRESENTATION
Exploring the architecture of digital objects

ARTIFICIAL INTELLIGENCE
Introducing AI through its modern applications

TRANSFERABILITY
3 College Credits
UT Computer Science 302

PRE-REQUISITES
Algebra I
Algebra II (preferred)