



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

Examine the subtle and dramatic effects of computing on our world

PROGRAMMING

Delve into basic programming concepts with powerful and creative results

REPRESENTATION

Speak the language of computers and see the world how they do

DIGITAL MANIPULATION

Modify images, music and sounds to achieve a creative vision

BIG DATA

Discover the secret treasure trove of information that controls and shapes our world

ARTIFICIAL INTELLIGENCE

Simulate basic human thought and creativity

TRANSFERABILITY

3 College Credits

UT Course Code: CS 302

PRE-REQUISITES

Algebra I

TECHNOLOGY

Desktop Computer or Laptop Access

Installation of additional software may be required.

PEDAGOGY

Project-Based Learning