

NORTH CAROLINA CAREER AND TECHNICAL EDUCATION STANDARDS

Computer Science and Information Technology Education

Grade: Grade 9 - 12

Course: Digital Design and Animation I **Updated**

NCCTE.2020.TS24 - Digital Design and Animation I

NCCTE.2020.TS24.01.00 - Understand digital design production.

NCCTE.2020.TS24.01.01 - Remember the history and careers of digital design and modeling.

NCCTE.2020.TS24.01.02 - Remember hardware and software used in digital design.

NCCTE.2020.TS24.01.03 - Understand intellectual property guidelines in digital design.

NCCTE.2020.TS24.02.00 - Apply procedures to produce 2D graphics.

NCCTE.2020.TS24.02.01 - Apply vector image production methods.

NCCTE.2020.TS24.02.02 - Apply bitmap editing and production methods.

NCCTE.2020.TS24.03.00 - Understand digital design techniques.

NCCTE.2020.TS24.03.01 - Understand design pipeline.

NCCTE.2020.TS24.03.02 - Understand elements and principles of digital design.

NCCTE.2020.TS24.03.03 - Understand color theory in digital design.

NCCTE.2020.TS24.03.04 - Understand composition techniques.

NCCTE.2020.TS24.04.00 - Apply procedures to produce digital audio and video.

NCCTE.2020.TS24.04.01 - Apply procedures to edit and produce digital audio and video.

NCCTE.2020.TS24.04.02 - Apply digital effects to audio and video.

NCCTE.2020.TS24.04.03 - Apply procedures to animate graphics.

NCCTE.2020.TS24.05.00 - Apply procedures to produce 3D graphics.

NCCTE.2020.TS24.05.01 - Understand transformations in Cartesian space.

NCCTE.2020.TS24.05.02 - Apply procedures to render 3D models, scenes and animations.

