

# DIGITAL ARTS TECHNOLOGY, AS

**Program code:** DATX-AS

**Location:** Naugatuck Valley

## Program Description

The Digital Arts Technology (DAT) program provides students with an in-depth understanding of digital media creation and production. The aim of the program is to produce digital media designers for jobs in training, marketing, advertising, web development, broadcasting, audio production, graphic art, production and electronic publishing. Digital artists have become an integral part of the mainstream communications medium; positions in digital media design and development exist in business, industry, government, education, and entertainment.

**Note:** Can be a stand-alone degree or the directed electives allow for completion of one of six certificates embedded into the degree. Links to these certificates can be found on the Related Programs tab.

- Animation and Motion Graphics
- Audio Production
- Trending Technology in Digital Media
- Digital Graphics for Print and Screen
- Video Production
- Technical Communication

## Learning Outcomes

1. Implement efficient time management and organizational practices.
2. Effectively communicate and function both independently and as part of a team.
3. Develop the ability to adapt and learn quickly.
4. Utilize the phases of the project development life cycle to assist in the design, production, editing, and completion of original projects.
5. Synthesize and apply the processes involved in transforming a concept to a final product.
6. Complete significant projects terminating in deliverable software/media products.

The Digital Arts Technology A.S. degree provides technical experience to students seeking enhanced skills for employment in related areas. Students may enroll full or part-time; and may specialize in one of six areas of concentration earning a certificate and the AS degree. Students transfer to CT State Universities and private 4-year schools in-state, and many out of state universities. Courses in this program require access to a computer studio lab or a student must have a computer with specialized software (including Adobe Creative Cloud, Autodesk's Maya, Pro-Tools, and others as industry dictates) to take the courses remotely.

*DAT program courses are offered in the traditional classroom setting; via live broadcast, allowing students to take the courses remotely.*

## Degree Requirements

Code	Title	Credits
<b>General Education Courses</b>		
ENG 1010	Composition	3

MATH 1000 or higher <sup>1</sup>		3-4
Elective ARHX - Arts & Humanities Course		3-4
Elective SCRX - Scientific Reasoning Course		4
Elective SCKX - Scientific Knowledge Course		3-4
Elective ORAX - Oral Communication Course		3
Elective WRIX - Written Communication II Course		3
Elective HISX - Historical Knowledge Course		3
Elective SBSX - Social / Behavioral Science Course		3
CCS 1001	College and Career Success	3
<b>Program Courses</b>		
DAT 1001	Introduction to Digital Arts	3
DAT 1111	Foundations of Web Development	3
DAT 1211	Digital Graphics	3
DAT 1411	Video Foundations	3
DAT 2990	Digital Arts Project	3
Choose one of the following:		3
ART 1210	Two-Dimensional Design	
DAT 1002	Introduction to Photography	
DAT 1000	Graphic Design for DAT (Or Equivalent Course)	
Designated Electives - 3 Courses (see advisor)		9
Choose one of the following 2000-level DAT Electives:		3
DAT 2131	Multi-platform Web Development	
DAT 2411	Video Editing and Enhancement	
DAT 2421	Motion and Special Effects	
DAT 2211	Image Compositing	
DAT 2321	3D Animation	
DAT 2221	Vector Imaging	
DAT 2535	Studio and On-Site Recording	
DAT 2145	Programming for the Arts	
<b>Total Credits</b>		<b>61-64</b>

<sup>1</sup> MATH 1100 Quantitative Reasoning or MATH 1200 Statistics I recommended

**Total Credits: 60-64**

- Digital Arts Technology: Animation & Motion Graphics Certificate
- Digital Arts Technology: Audio Production Certificate
- Digital Arts Technology: Digital Graphics for Print & Screen Certificate
- Digital Arts Technology: Technical Communication Certificate
- Digital Arts Technology: Trending Technology in Digital Media Certificate
- Digital Arts Technology: Video Production Certificate