*Liberal Arts and Behavioral/Social Sciences Division*

**DIGITAL ARTS TECHNOLOGY *Audio/Video Option***

 The Audio/Video Option will focus on the detailed study of acoustics, audio production, recording engineering, sound design, motion graphics, visual composition, and non-linear video editing and production. Students will be qualified to seek positions in the fields of audio production, video production, post-production, advertising, interactive design, and electronic publishing.

*General Education Core course listings and definitions appear on pages 53-54. Additional courses may be required. The suggested sequence for full-time students is shown below.*

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| **Competency or Program Requirement** | **Course Number and Title** | Required Credits |
| **FIRST SEMESTER** |  |  |
| Continuing Learning and Information Literacy/Ethics | DAT\*H101 Introduction to Digital Arts | 3 |
| Critical Analysis and Logical Thinking/Written Communication | ENG\*H101 Composition | 3 |
| Oral Communication  | Choose any Oral Communication listed | 3 |
| Quantitative Reasoning ◊ | MAT\*H135 or higher than MAT\*H137 | 3 |
| Program Requirement | ART\*H121 Two Dimensional Design orDAT\*H102 Intro to Photography orGRA\*H150 Introduction to Graphic Design | 3 |
| **SECOND SEMESTER** |  |  |
| Scientific Reasoning ◊◊ | Choose any Scientific Reasoning listed (Prefer DAN\*H175) | 3-4 |
| Written Communication | Choose any Written Communication listed (Prefer ENG\*H102) | 3 |
| Program Requirement | DAT \*H108 Digital Imaging I | 3 |
| Program Requirement | DAT\*H110 Digital Video I | 3 |
| Program Requirement | DAT\*H218 Electronic Music Composition and Audio Technology I | 3 |
| **THIRD SEMESTER** |  |  |
| Aesthetic Dimensions/Written Communication  | Choose any Aesthetic Dimensions/Written Communication listed (Prefer ART\*H101 or 102) | 3 |
| Scientific Knowledge ◊◊ | Choose any Scientific Knowledge listed (Prefer BIO\*H105) | 3-4 |
| Program Requirement | DAT\*H104 Multimedia Authoring I | 3 |
| Program Requirement | DAT\*H220 Acoustics and Sound Design | 3 |
| Program Requirement | DAT\*H224 Digital Video II | 3 |
| **FOURTH SEMESTER** |  |  |
| Historical Knowledge | Choose any Historical Knowledge listed (Prefer HIS\*H101 or 102) | 3 |
| Social Phenomena  | Choose any Social Phenomena listed (Prefer COM\*H101) | 3 |
| Program Requirement | DAT\*H205 Multimedia Authoring II | 3 |
| Program Requirement | DAT\*H226 Motion Graphics and Animation | 3 |
| Program Requirement | DAT\*H290 Digital Arts Project | 3 |

**Total Credits: 60-62**

*Any given course may only be used to satisfy one of the competency areas even if it is listed under more than one.*

◊ MAT\*H137 and courses numbered lower than MAT\*H137 will not transfer to Connecticut State Universities as Quantitative Reasoning courses.

◊◊ At least one Scientific Knowledge and Understanding OR Scientific Reasoning course must have a lab component.

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| ***Program Outcomes*** |

*Upon successful completion of all program requirements, graduates will be able to:*

1. Analyze and evaluate the properties of sound, human hearing, psychoacoustics, electro-acoustic and digital sound reproduction systems.
2. Design and edit digital and analog audio files.
3. Synthesize and apply the processes involved in transforming a concept to a video production.
4. Design, produce, edit, and complete original video projects.
5. Utilize state-of-the-art special effect techniques currently used in the film and video industry.
6. Complete significant projects terminating in deliverable software/media products with technical documentation.

***Associate***

***Degree***

***Programs***