AVATAR Minor in Digital Media Technology (DMTEC)

The AVATAR Minor in Digital Media Technology (DMTEC) is a complementary, interdisciplinary minor designed for students with an interest in digital media as it applies to their wide range of degrees and disciplines while maintaining a minimum core of experience across the minors. A 2.0 GPA in the minor field is required.

Students in an engineering or science major should contact the College of Engineering for more information regarding the minor.

REQUIRED COURSES (6 HRS):

1. Choose 3 hrs: ART 1001, ART 1011, ARTH 2470, MUS 1751, MUS 1799, or ENGL 2009
2. Choose 3 hrs: CSC 1253, CSC 1350, or IE 2060

ELECTIVE COURSES (12 HRS):

1. Choose 9 hrs from Science/Engineering core courses
2. Choose 3 hrs from Arts core courses

REQUIRED CAPSTONE COURSE (3 HRS):

• EE 4859 (3 hrs credit - Permission of Department Required)

To declare the AVATAR Minor in Digital Media Technology, students will need to notify the adviser in their major area of study to let him or her know that they wish to declare the minor. For more information on the minor or AVATAR, please contact Lea Anne Couvillion at leaanne@cct.lsu.edu.

ELECTIVES (*7000 level courses only for qualified students):

Science/Engineering Electives (Choose 9 hours)

*Computer Science*
- CSC 4356/ME 4573 Interactive Computer Graphics
- CSC 4444 Artificial Intelligence
- CSC 4700 Special Topics- Human Computer Interface Design
- CSC 4700 Special Topics- Video Game Design
- CSC 7443* Scientific Information Visualization

*Engineering*
- EE 3160 Intro to DSP
- EE 3610 Signals and Systems
- EE 4760 Intro to Compiler Optimization
- EE 4780 Intro to Computer Vision
- EE 7000* Advanced Topics in EE-Graphics and Visual Computing
- EE 7700* Advanced Topics in EEC-Graphics Processors
- IE 4425 Information Systems Engineering
- IE 4426 Dist. Info Systems (web application development)
- IE 4466 Human Computer Interaction
- ME 4573/CSC 4356 Interactive Computer Graphics
- ME 7263 Computer-Aided Geometric Modeling
Arts Electives (Choose 3 hours)

Art
ART 2050 Digital Arts I
ART 2055 Digital Arts II
ART 4050 Digital Arts III
ART 4055 Digital Arts IV
ART 4020 Special Topics - Video Game Design

Art History
ARTH 4466 Survey of Contemporary Art
ARTH 4468 Issues in Contemporary Art
ARTH 4480 Video Art and Theory
ARTH 4482 Digital Art History
ARTH 4484 New Media Art and Theory

Mass Communication
MC 4015 Advanced Visual Communication and Multimedia Web Design
MC 4260 Long-Format Video Production
MC 4270 News Production for the Internet

Music
MUS 3745 Intro to Computer Music
MUS 4745 Computer Music
MUS 4746 Seminar in Experimental Music and Digital Media
MUS 4747 Music, Technology, and Society

English
ENGL 2009 Beginning Screenwriting Workshop
ENGL 2231 Reading Film as Literature
ENGL 4000 Special Topics - Writing for Interactive Narrative
ENGL 4009 Advanced Screenwriting Workshop
ENGL 7109* Forms of Screenwriting