

INFO 3777 - Digital Audio Video Production

Fall 2026 Syllabus, Section 01, CRN 43886,

Credit hours: 4

Instructor

Shihabuz Zaman

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Public Instructor Information

Instructor: Shihabuz Zaman

Instructor Title: Lecturer

Instructor Professional Qualifications:

M.Sc. in Computer Science, University of Louisiana at Lafayette, 2025.

B.Sc. in Computer Science & Engineering, Islamic University of Technology, 2015.

Instructor Office Location: Meshel Hall 332

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Course Description

3777. Digital Audio & Video Production. Study of tools and technology to produce digital audio and video. Digital audio and video design, creation, acquisition, digitization, transformation, compression, editing, and publishing. Project required. Three hours of lecture and two hours of lab. Prereq.: CSIS 1570. 4 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Adobe Premiere Pro Classroom in a Book® (2022) release: The official training workbook from Adobe	Maxim Jago	ISBN-13
Required	Adobe Audition CC Classroom in a Book	Maxim Jago	978-0135228326

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Proposed Topic	Due/To Prepare for Class
8/24	Major digital libraries	
8/31	Tools and techniques to create and record video Digitizing and sampling media contents	
9/7	Video/Audio media file formats	
9/14	Streaming media file formats	
9/21	Audio editing Signal processing	



9/28	Mastering Sound design Creating and recording audio files
10/5	Multi-track editing and mixing Editing clips
10/12	Sound libraries Automation Mixing
10/19	Video editing techniques Clip & markers
10/26	Transition Multi-camera editing
11/2	Audio integration Video effect
11/9	Color corrections Compositing
11/16	Titles Audio file compression
11/23	Video file compression
11/30	Video file compression
12/7	Deployment and serving media contents

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.