

Louis Romao - Curriculum Vitae

Central Connecticut State University

COMM 231 Communication Technologies – Hands-on introduction of new technologies within this evolving field, utilizing and exploring communication and publication technologies for print and/or online channels. Participation in the creative process while developing needed technical skills tied to design and content creation.

COMM 332 Web Publishing – Theoretical and practical knowledge tied to using digital technologies to create messages for different target audiences. Focuses upon the radical novelties that the Web introduces in the field of Mass Communication and the implication in the creation of meaning.

Naugatuck Valley Community College

DAT101 Introduction to Multimedia - This course is an introduction and overview of the digital arts. The basic elements, components and skills required for digital art development and production will be defined and explored. Topics include; applications of digital arts, presentation software, visual design principles, digital media design, Web design, configuring a multimedia system, emerging technologies, multimedia components, and interactive multimedia development.

DAT104 Multimedia Authoring I - Multimedia Authoring I is an introduction to the planning, development and management of multimedia software projects, Interaction Design, and algorithm analysis. Topics include; multimedia and instructional design, multimedia and interaction design, multimedia and the WWW, arrays, functions and methods, events and event handlers, objects, logic structures, repetition structures, programming and scripting languages, and variables.

DAT205 Multimedia Authoring II - Multimedia Authoring II is an intermediate-level course in the application of advanced project development tools used in the creation of interactive multimedia for the edutainment, entertainment and Web industries. Students will learn and apply techniques used to create interactive multimedia for broadcast, electronic games, and WWW applications. Topics include; algorithm analysis, animation, Interaction Design and interactivity, introduction to Human-Computer Interaction, keyframing and tweening, objects and events, Lingo scripting, timeline-based authoring, and Shockwave.

DAT215 Multimedia Web Authoring - Multimedia Web Authoring utilizes the latest software technologies and methodologies to develop and deliver complete interactive multimedia software systems for Web-based applications. Topics include advanced algorithm analysis, complex problems in Human-Computer interaction, and advanced JavaScript and Action Script programming.

DAT240 Multimedia Authoring III - This course explores advanced multimedia systems and the theoretical and practical issues in designing interactive systems. Topics include: compression techniques, synchronization, user interface accessibility, indexing and retrieval techniques, operating system support for digital audio, video, and animation file formats, as well as network and transport protocols for multimedia. Emphasis will be placed on current design and delivery issues, software implementation and discussion of future directions.

MAT135 Topics in Contemporary Mathematics – A practical course offering an exposure to a wide range of topics with an emphasis on critical thinking, problem solving and the real number system. Topics include number theory, financial management, set theory, metric system and statistics.

MAT146 Math for the Liberal Arts - This is a survey course designed to acquaint the liberal arts student with a broad spectrum of mathematical ideas not emphasized in traditional algebra courses. As a terminal mathematics course, it conveys the nature and diversity of mathematics, its methods, applications, and roles in society. Topics are selected from problem solving and critical thinking skills, graph theory, voting and apportionment, introduction to probability, linear programming, patterns and symmetry, linear and exponential applications; others may include fractal geometry, financial management, fair division schemes, game theory, or codes.

MUS106 Class Instruction in Beginning Guitar - This course provides a study of basic folk guitar chords and picking techniques. Emphasis is on singing with the guitar. This course may be repeated for credit.

MUS114 Music Theory I - A study of melodic writing leading to four-part diatonic harmony. Topics include four-part writing, non-chord tones, cadences, and seventh chords. Music analysis, reading, and aural skills are developed together with the theoretical material presented.

MUS115 Music Theory II - A continuation of MUS114 with a study of secondary functions, modulation, form and counterpoint. Music analysis, reading, and aural skills are developed together with the theoretical material presented.

MUS156 Guitar Ensemble - This is an opportunity for guitarists and bassists to experience reading and improvising in the context of a section, rather than the traditional rock or jazz band format. The goal is to raise sight reading levels while learning the art of ensemble playing. Special attention is paid to dynamics, phrasing, intonation, ensemble playing, and general musicianship. This course may be repeated for credit.

Post University

MUS101 Music Appreciation - This course is designed for students with no previous training in Western classical music. It provides a foundation for intelligent and appreciative listening of music through an understanding of the ways in which music is put together and the characteristics of various musical styles. Recordings from all forms of music as well as videotaped performances are played during class periods. Attendance at live performances is highly recommended.

MUS301 Music Arts and Opera - This advanced course focuses on the discussion of styles and genres of Western classical music with emphasis on the development and nature of opera, its structure and types. The course includes viewing opera on videotapes. Attendance at live performances is highly recommended.

MUS320 American Music - This course surveys the scope of American music from its beginnings to the present day. Folk music, classical music, pop music, the Broadway musical, jazz, and rock are played, assessed, and discussed in a historical framework. Both recordings and videos are used to enhance the students' understanding and knowledge of this music.

Western Connecticut State University

ED400 Educational Technology - Applies the basic concepts of instructional technology in education. Emphasis will be given to sources, selection, preparation, utilization and evaluation of multimedia for instruction and learning.