

## **IFDM Common Core Descriptions:**

### **IFDM 241L. Studio I: Introduction to Directing Film & Video** (3 credits) – Fall

Students in this introductory class will explore the processes and concerns of the narrative fiction film and video director through the analysis of film and video, and short hands on exercises. Co-requisites: CS 105L or CS 152L. (Course only for students admitted into the IFDM Program.)

### **CS 105L. Intro to Computer Programming** (3 credits) - Fall

Introduction to the art of computer programming. Students will use a modern integrated Development Environment to author small programs in a high level language. The course uses multimedia approaches to writing small programs and scripts. No prerequisites or co-requisites, but should be taken in second semester of program. (This course is for students electing the BFA IFDM concentration, and for those electing the BA Mass Media Concentration, or the Digital Field Multimedia Concentration in the Communication & Journalism degrees.)

OR

### **CS 152L. Computer Programming Fundamentals** (3 credits) - Fall

Introduction to the art of computing. The course objectives are to understand the relationships between computation, problem solving, and programming using high-level languages. This course should be taken in second semester of program. (This course is required of students electing the ASM IFDM concentration, and for those electing the CS IFDM distributed minor.)

### **IFDM 210. Introduction to Modeling and Postproduction** (3 credits) - Spring

An introduction to computer graphics and animation that mixes theory and application using a standard animation software package to teach the use of the tool and to demonstrate key concepts. Involves collaborative projects. Prerequisite: IFDM 205. (Course only for students admitted into the IFDM Program.)

### **IFDM 301. Cinematography** (3 credits) - Fall

This course utilizes the Canon c100 Motion Picture Camera to build not only a fundamental understanding of working with advanced camera systems, but a practical yet thorough understanding of cinematographic techniques and practices. Develop a creative eye for composition and esthetics with the modern motion picture camera. The course will be divided into three basic themes: technical, practical, and esthetics. Through example, develop an understanding of light, color, camera movement, composition, and lens selection to develop an understanding of varied cinematic emotions and storytelling. Fundamental photography and motion picture technical principles will be learned with an emphasis on professional camera systems. Prerequisite: IFDM 210. (Course only for students admitted into the IFDM Program.)

### **IFDM 310. Studio II: Writing Digital Narrative** (3 credits) - Spring

The goal of this course is to offer students an overview of issues on writing for digital media; its objective is to create successful, media-savvy writers, who work across digital platforms. Prerequisite: IFDM 300 (Course only for students admitted into the IFDM Program.)

**IFDM 400. Ethics, Science and Technology** (3 credits) - Fall

Ethical issues arising from the impact of science and technology on the personal, social and political dimensions of culture or what happens and who takes responsibility when the genie is out of the bottle. Prerequisite: IFDM 310. Co-requisite: IFDM 450. (Course only for students admitted into the IFDM Program.)

**IFDM 410. The Business and Law of Film and New Media** (3 credits) - Spring

This course will introduce students to the business and legal aspects of creating a new digital media venture including: concept formation, marketing, budget development, finding financing, forming a company, hiring and managing employees, and sales. Students are required to form interdisciplinary collaborative teams that will develop and plan project ideas. Prerequisite: IFDM 400. Co-requisite: IFDM 451. (Course only for students admitted into the IFDM Program.)

**IFDM 450. IFDM Capstone I Senior Projects Course** (4 credits) - Fall

Students are required to form interdisciplinary collaborative teams that will develop and plan project ideas. Prerequisite: 310. Co-requisite: 400. (Course only for students admitted into the IFDM Program.)

**IFDM 451. IFDM Capstone II Senior Projects Course** (4 credits) - Spring

Collaborative teams execute projects and give open demonstration of the results. Prerequisite: IFDM 450. Co-requisite: IFDM 410. (Course only for students admitted into the IFDM Program.)

and managing employees, and sales. Students are required to form interdisciplinary collaborative teams that will develop and plan project ideas. Prerequisite: IFDM 400. Corequisite: IFDM 451. (Course only for students admitted into the IFDM Program.)

IFDM 450. IFDM Capstone I Senior Projects Course (4 credits) - Fall

Students are required to form interdisciplinary collaborative teams that will develop and plan project ideas.

Prerequisite: 310. Corequisite: 400. (Course only for students admitted into the IFDM Program.)

IFDM 451. IFDM Capstone II Senior Projects Course (4 credits) - Spring

Collaborative teams execute projects and give open demonstration of the results. Prerequisite: IFDM 450. Corequisite: IFDM 410. (Course only for students admitted into the IFDM