## General Course Title:
**Pre-Production Design**

## General Course Description:
This is a course in Pre-Production planning and design for animation and interactive media. Students learn to apply creative thinking, design principles and production processes essential to the creation of successful animations and multimedia programs. The course provides practical experience in concept generation, concept drawing, storyboarding, and project organization.

## Course Content:

1. **History of the Internet**
   - The evolution of personal weblogs from the online diary to the blog and micro blog
   - Key internet-based diarist pioneers and their contributions to their field
   - The ethical issues introduced through the publication of private information
   - The history and technological events that produced the World Wide Web
   - Key figures in the creation of the World Wide Web and their contributions
   - The history and technology of mobile applications
   - The ethical issues involved in accessibility on the web
   - The ethical issues involved in intellectual property, copyright and digital patents
   - Predicting the future of the Internet using current trends and events

2. **Technology of the Internet**
   - The hardware and software used for blogging and microblogging
   - The hardware and software used in commercial websites, including dynamically generated webpages and ecommerce applications
   - The hardware and software used for social media applications
   - The hardware and software used in Web 2.0 applications, Web 3.0 applications, and the semantic web
   - The hardware and software used in podcasting and rich media applications

3. **Researching Internet Information Systems**
   - Collecting and analyzing information about specific blogs including information about users, types of traffic, types of performance and conversion rates using web analytics and spreadsheet software
   - Collecting and analyzing trend data in user browser adoption using spreadsheet software
   - Planning and executing a usability study of a website that observes the ability of user groups to achieve their goals

4. **Organizing and Diagramming Internet Information Systems**
   - The organizational structure of a personal blog
   - Analyzing and reorganizing the structure of a personal blog
   - Diagramming the organizational structure of a commercial website
   - Analyzing and reorganizing the structure of a commercial website
   - Diagramming the organizational structure of a rich interactive website
Analyzing and reorganizing the structure of a rich interactive website

5. Building Internet Information Systems

- Constructing a personal blog from information that is organized and presented using blogging software and CSS
- Constructing a commercial website for a business using HTML, CSS and Javascript
- Constructing an internet application using HTML, CSS, Javascript
- Developing rich assets for an interactive educational website using photo and video editing software
- Developing a content strategy and writing content for a blog, commercial website and an educational website

Course Objectives: At the conclusion of this course, the student should be able to:

1. Identify and describe the software and hardware components that form the foundation for the Internet

2. Collect information to analyze different types of information systems through web analytics, user surveys and usability testing using spreadsheet software

3. Write a brief describing the processes that a specific information systems use to present information using word processing software Construct diagrams defining the organizational structures of the Internet using presentation software

4. Build interactive systems to present information accessible through the Internet using HTML, CSS, Javascript in addition to image and video editing software Describe the importance of historical events in shaping the history of the Internet

5. Debate the ethical implications of how information is structured and accessed using the Internet

Methods of Evaluation: May include any or all of Exams Quizzes Programming Projects Discussions Class Presentations

Sample Textbooks, Manuals, or Other Support Materials

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