

Idaho PTE Business Education Course with Essential Learning Outcomes and Learning Indicators

Course Title	INTERACTIVE MEDIA: VIDEO II		
SDPTE Course ID	BE 0326	IBED	11055

A course designed to build on the skills and knowledge established in Interactive Media I. Soundtrack creation, multiple camera editing, story line development, and advanced video capturing represent the framework for this course. Skills to be learned include masking, editing, and special FX and DVD authoring. Culminating activities include integrating acquired skills and abilities with school, business or community needs.

Term	Semester/Trimester	Preq	BE 0316
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Notes:

Business Law BLaw_7: Demonstrate Knowledge of Computer Law

BLaw_7.1 Explain how the advances in computer technology impact upon such areas as property law, contract law, criminal law, and international law.

Learning Indicator: BLaw_7.1.1	Define the key terms and new issues involved in computer law including security, privacy, computer crime and viruses
Learning Indicator: BLaw_7.1.2	Determine when a computer program can be protected by a patent or a copyright and explain the steps in applying for each
Learning Indicator: BLaw_7.1.3	Identify the circumstances under which the copyright of a computer program has been violated
Learning Indicator: BLaw_7.1.4	Determine when computer-related contracts are service contracts and when they are sale of goods contracts
Learning Indicator: BLaw_7.1.5	Outline the various claims and defenses that are available in civil suits involving computer contracts
Learning Indicator: BLaw_7.1.6	Explain how common law, constitutional law, statutory law, and administrative regulations can be used to prevent the use of computers to invade privacy
Learning Indicator: BLaw_7.1.7	Outline the various types of federal and state statutes designed to combat computer crime
Learning Indicator: BLaw_7.1.8	Discuss the impact of the law of different countries and the impact of international law on computer law

Career Development CDev_2: Demonstrate Knowledge of Career Research

CDev_2.1 Utilize career resources to develop a knowledge base of career information.

Learning Indicator: CDev_2.1.1	Identify and learn about careers of family members and/or friends
Learning Indicator: CDev_2.1.2	Define and give examples of career clusters
Learning Indicator: CDev_2.1.3	List and describe various types of occupations in the community (e.g., banker, realtor, etc.)
Learning Indicator: CDev_2.1.4	Identify community business people and learn about career opportunities
Learning Indicator: CDev_2.1.5	Use a variety of research tools in the career exploration process (e.g., computer assisted programs, newspapers, books)
Learning Indicator: CDev_2.1.6	Research several occupational interests
Learning Indicator: CDev_2.1.7	Explain advantages of early career planning
Learning Indicator: CDev_2.1.8	Select and use resources available for projecting career opportunities and trends
Learning Indicator: CDev_2.1.9	Investigate educational opportunities (e.g., resources for training/retraining, career transition)

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Learning Indicator: CDev_2.1.10 Design a questionnaire to be used for career exploration interview (e.g., educational requirements, starting salaries, career ladder opportunities)

Career Development *CDev_4: Demonstrate Knowledge of Career Strategy*

CDev_4.1 Apply knowledge gained from individual assessment to a comprehensive set of goals and an individual career plan.

- Learning Indicator: CDev_4.1.1 Identify likes and dislikes of home and school responsibilities
- Learning Indicator: CDev_4.1.2 Relate information derived from self-assessment to career areas involving data, people, and/or things
- Learning Indicator: CDev_4.1.3 Relate the importance of career, family, and leisure activities to social and economic well-being
- Learning Indicator: CDev_4.1.4 Describe the relationship of assessed interests, aptitudes, and abilities to academic and occupational skills
- Learning Indicator: CDev_4.1.5 Apply career goals, skills, and interests to selection of high school courses
- Learning Indicator: CDev_4.1.6 Explain how decisions regarding education and work impact major life decisions
- Learning Indicator: CDev_4.1.7 Identify considerations for making responsible educational and occupational choices
- Learning Indicator: CDev_4.1.8 Identify sources of financial assistance
- Learning Indicator: CDev_4.1.9 Complete the steps required to apply for financial assistance
- Learning Indicator: CDev_4.1.10 Develop an action plan to transition from postsecondary education to work

Communications *Comm_3: Demonstrate Knowledge of Technological Communications*

Comm_3.1 Use technology to enhance the effectiveness of communications.

- Learning Indicator: Comm_3.1.1 Demonstrate proper telephone etiquette, including cellular phones
- Learning Indicator: Comm_3.1.2 Demonstrate basic keyboarding and computer functions
- Learning Indicator: Comm_3.1.3 Use basic software applications (e.g., word processing, spreadsheets, etc.)
- Learning Indicator: Comm_3.1.4 Use CD-ROMs, laser disks, videos, and modems for knowledge acquisition
- Learning Indicator: Comm_3.1.5 Project a positive first impression on the telephone
- Learning Indicator: Comm_3.1.6 Use the telephone to gather personal and consumer information
- Learning Indicator: Comm_3.1.7 Use basic functions of databases, spreadsheets, and programming languages by formatting documents
- Learning Indicator: Comm_3.1.8 Refine documents using an electronic spell checker, a thesaurus and a grammar checker
- Learning Indicator: Comm_3.1.9 Use a wide variety of references and research resources such as electronic bulletin boards and information services
- Learning Indicator: Comm_3.1.10 Operate electronic message technologies to include voice mail, conference calls, pagers, and e-mail
- Learning Indicator: Comm_3.1.11 Use computer networks (e.g., communicating computers, Internet, or on-line databases) to facilitate collaborative or individual learning and communicating
- Learning Indicator: Comm_3.1.12 Discuss the use of the following communication systems: WATS lines, LAN systems, cellular technology, and voice recognition dictation
- Learning Indicator: Comm_3.1.13 Enhance documents through the use of advanced layout, design, and graphics production software and scanning hardware

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Learning Indicator: Comm_3.1.14	Address the ethical issues regarding ownership of information generated electronically
Learning Indicator: Comm_3.1.15	Apply the rules of electronic messaging etiquette
Learning Indicator: Comm_3.1.16	Evaluate the select messages which may be addressed best by electronic media
Learning Indicator: Comm_3.1.17	Incorporate the use of international electronic resources such as the Internet to complete higher level projects
Learning Indicator: Comm_3.1.18	Use techniques to protect confidential messages that are transmitted via technology to avoid identity theft

Information Systems IS_1: Demonstrate Knowledge of the Foundations of Information Systems

IS_1.3 Identify the need for applications of technology in business, industry, society and on a global scale.

Learning Indicator: IS_1.3.1	Demonstrate the ability to access information regarding applications of computers and technology in business, industry, society and on a global scale
Learning Indicator: IS_1.3.2	Cite uses of computer and technology in business, industry, society and on a global scale
Learning Indicator: IS_1.3.3	Create a brief list of business, industry, society and global references and sources where information about applications of computers and technology can be found

Information Systems IS_2: Demonstrate Knowledge of Industry Standard Software Applications

IS_2.4 Select and use multimedia software to create media rich projects.

Learning Indicator: IS_2.4.1	Select and apply multimedia software appropriate for specific tasks
Learning Indicator: IS_2.4.2	Explore three emerging multimedia software programs and identify differences
Learning Indicator: IS_2.4.3	Create multimedia projects collaboratively
Learning Indicator: IS_2.4.4	Identify and select appropriate multimedia file formats and properties
Learning Indicator: IS_2.4.5	Create multimedia content and prepare it for delivery
Learning Indicator: IS_2.4.6	Configure multimedia delivery tools

Information Systems IS_18: Demonstrate Knowledge of Web Design and Internet Fundamentals

IS_18.7 Demonstrate ability to insert multimedia enhancements in a Web page.

Learning Indicator: IS_18.7.1	Define external and embedded media
Learning Indicator: IS_18.7.2	List the different file formats for digital sound
Learning Indicator: IS_18.7.3	Link and embed a sound clip
Learning Indicator: IS_18.7.4	Create background sound
Learning Indicator: IS_18.7.5	Define the different file formats for digital video
Learning Indicator: IS_18.7.6	Link and embed a video clip
Learning Indicator: IS_18.7.7	Describe how to support browsers that don't recognize embedded media
Learning Indicator: IS_18.7.8	Work with the dynsrc attribute
Learning Indicator: IS_18.7.9	Describe the history and use of applets
Learning Indicator: IS_18.7.10	Insert an applet into a Web page
Learning Indicator: IS_18.7.11	Modify applet parameters
Learning Indicator: IS_18.7.12	Understand the Internet Explorer marquee element

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Learning Indicator: IS_18.7.13 Define the object element and understand how to apply it to a variety of embedded objects

Information Systems IS_21: Demonstrate Knowledge of Using Authoring Tools for Web Design

IS_21.6 Demonstrate ability to prepare and publish movies.

- Learning Indicator: IS_21.6.1 Publish movies
- Learning Indicator: IS_21.6.2 Reduce file size to optimize a movie
- Learning Indicator: IS_21.6.3 Create a Preloader
- Learning Indicator: IS_21.6.4 Use HTML Publish Settings

IS_21.10 Demonstrate ability to add sound and video.

- Learning Indicator: IS_21.10.1 Work with sound
- Learning Indicator: IS_21.10.2 Specify synchronization options
- Learning Indicator: IS_21.10.3 Use Action Script with Sound
- Learning Indicator: IS_21.10.4 Work with video

Information Systems IS_24: Demonstrate Knowledge of Interactive Media - Video and Audio Techniques and Editing

IS_24.1 Demonstrate pre-production skills and techniques for video projects including file management.

- Learning Indicator: IS_24.1.1 Demonstrate appropriate use of video equipment (digital camera, digital camcorder, tripod, microphone, and lights)
- Learning Indicator: IS_24.1.2 Develop proper shooting techniques for camera setting, lighting, etc.
- Learning Indicator: IS_24.1.3 Work with project settings, such as file settings, compression settings, color and sound
- Learning Indicator: IS_24.1.4 Set up video in timeline form
- Learning Indicator: IS_24.1.5 Produce a production schedule

IS_24.2 Demonstrate video and audio capturing, including voice-over for narration.

- Learning Indicator: IS_24.2.1 Capture video from an external source such as a digital video camera or tape deck and download it
- Learning Indicator: IS_24.2.2 Import video or still images from other files
- Learning Indicator: IS_24.2.3 Insert a sound object from a clip organizer, file, the Web, or from CD-ROM
- Learning Indicator: IS_24.2.4 Record sound effects, vocals or narration

IS_24.3 Demonstrate the ability to create a video and add events to the timeline.

- Learning Indicator: IS_24.3.1 Add events to a time line
- Learning Indicator: IS_24.3.2 Add source clips to the timeline
- Learning Indicator: IS_24.3.3 Set location markers for in and out points

IS_24.4 Demonstrate the ability to edit video including multi-video tracks to include key framing techniques.

- Learning Indicator: IS_24.4.1 Rearrange or delete clips
- Learning Indicator: IS_24.4.2 Adjust in and out points, speed, and duration
- Learning Indicator: IS_24.4.3 Insert or overlay new material
- Learning Indicator: IS_24.4.4 Use three-point editing

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Learning Indicator: IS_24.4.5 Use timeline markers

IS_24.5 Demonstrate the ability to create a soundtrack.

Learning Indicator: IS_24.5.1 Create a soundtrack

Learning Indicator: IS_24.5.2 Demonstrate soundtrack editing techniques

IS_24.6 Demonstrate the ability to develop a story line.

Learning Indicator: IS_24.6.1 Create character and character profiles

Learning Indicator: IS_24.6.2 Develop the story

Learning Indicator: IS_24.6.3 Develop your own backdrop or scenery board

Learning Indicator: IS_24.6.4 Film still shots

Learning Indicator: IS_24.6.5 Record the dialog

IS_24.7 Demonstrate the ability to use FX and DVD authoring software.

Learning Indicator: IS_24.7.1 Create digital video disks
