CORRELATION of **Florida Digital Video Technology I** to *Video: Digital Communication and Production*

Standards/Objectives/Indicators	Textbook Pages
01.0 Apply knowledge of the digital video technology program procedure. The students will be able to:	
01.01 Follow classroom procedures.	**Instruction:** Chapter 4—Camera, pg. 72 **Application**: Chapter 4—Critical Thinking #3, pg. 86
01.02 Follow industry safety rules, regulations and policies.	**Instruction:** Chapter 4—Managing the Shooting Sessions, pg. 75; Chapter 10—Working Safely with a Tripod, pg. 196–197, Working Safely with Dollies, pg. 197, Working Safely with Stabilizers, pgs. 198 and 200, Real-World Video Staying Safe While Working, pg. 201; Chapter 16—Real-World Video Working with Lighting Safely, pg. 334, Real-World Video General Electrical Safety, pg. 346 **Application:** Chapter 4—Critical Thinking #3, pg. 86
01.03 Demonstrate proper use and care of equipment.	**Instruction:** Chapter 4—Basic Camera Controls, pgs. 68–69, Batteries, pg. 70, Using the Tripod, pg. 72; Chapter 9—Operating the Camera, pgs. 181–183; Chapter 10—Working Safely with a Tripod, pg. 196–197, Working Safely with Dollies, pg. 197, Working Safely with Stabilizers, pgs. 198 and 200, **Application:** Chapter 4 Review—Know and Understand #8, pg. 86, Apply and Analyze #1, pg. 86
02.0 Demonstrate an understanding of basic industry terminology and acronyms. The student will be able to:	
02.01 Define trade terminology, including the four steps of the production process.	**Instruction:** Chapter 1—Phases of Video Production, pgs. 11–13; Chapter 5—Video Language Terms, pg. 92, Camera Angles, pgs. 92–100 **Application:** Chapter 1 Review—Know and Understand #9–10, pg. 16, Apply and Analyze #3–4, pg. 16, Stem and Academic Activities #2, pg. 16
02.02 Define trade abbreviations and acronyms when appropriate.	**Instruction:** Chapter 1—About Video, pgs. 4–5; Chapter 5–Video Language, pgs. 92–106 **Application:** Chapter 5 Review—Apply and Analyze # 1
03.0 Collaborate with others as an effective member of a digital video team. The student will be able to:	
03.01 Understand the job functions of a digital video team.	**Instruction:** Chapter 1—Video Talents and Careers, pgs. 6–9; Chapter 15—People: Talent and Crew, pg. 307

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Standards/Objectives/Indicators	Textbook Pages
	Application: Chapter 1 Review—Know and Understand #7, pg. 16, Critical Thinking #1, pg. 16, Communicating about Video #1, pg. 17
03.02 Give and follow directions.	**Instruction:** Chapter 14—Workplace Skills Training Etiquette, pg. 288; Chapter 19—Workplace Skills Listening Skills, pg. 427 **Application:** Chapter 19— Critical Thinking #3, pg. 437 Chapter 19—Communicating about Video #2, pg. 438 Section 6 Project—Capstone Project: Directing, pg. 468
03.03 Function as a member of a team.	**Instruction:** Chapter 19—Workplace Skills Teamwork, pg. 413 **Application:** Chapter 5 Review—Communicating about Video #2, pg. 110, Chapter 17 Review—Communicating about Video #2, pg. 377
03.04 Set and adhere to production deadlines established by others.	**Instruction**: Chapter 4 – Professional Etiquette pg.76 Chapter 13 – The Scripting Process pg.278, pg.288 Chapter 13 – About Project Development, pg. 266 **Application**: Chapter 13– Critical Thinking #3, pg. 282 Chapter 13– Communicating about Video #1, pg. 282
03.05 Critique and analyze a production.	**Instruction:** Chapter 19 – Getting to know the script, pg. 414 Chapter 19 – Evaluating the Script, pg. 414 Chapter 19 – Choosing a Directorial Approach, pg. 414 **Application:** Chapter 13—Communicating about Video #1-2, pg. 282, Chapter 19—Critical Thinking #2, pg.437
04.0 Demonstrate professionalism and personal responsibility. The student will be able to:	
04.01 Discuss how to legally obtain and use source materials.	**Instruction:** Chapter 3—Copyright, pg. 42, Public Domain, pg. 44–46, Fair Use, pgs. 46–47, Copyright Infringement, pg. 47–48, Creative Commons, pgs. 48–49, **Application:** Chapter 3 Review—Know and Understand #1-3, #6, #12, pg. 64, Stem and Academic Activities #3, pg. 66

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Standards/Objectives/Indicators	Textbook Pages
04.02 Explain basic copyright laws and issues related to digital video production.	**Instruction:** Chapter 3–Copyright, pg. 42, Copyright Infringement, pg. 47, The United States Constitution and Copyright, pg. 55–58 **Application:** Chapter 3 Review—Know and Understand #4-5, #8, #10, #15, pgs. 64–65, Apply and Analyze #2, pg. 66, Communicating about Video #1, pg. 66
04.03 Discuss appropriate responses to feedback.	**Instruction:** Chapter 23—Assembling Materials for Editing, pg. 526 Ch 19 – Directing for Performance, pg. 422 **Application:** Ch 19 – Critical Thinking #4-5, pg. 437 Ch 23 – Critical Thinking #4, pg. 551
05.0 Understand and demonstrate the steps in the digital video pre-production process. The student will be able to:	
05.01 Identify and perform the components of the pre-production phase (e.g., purpose, script writing, target audience, schedule, and distribution method).	**Instruction:** Chapter 13—Defining the Projects, pgs. 266–271, Creating a Storyboard, pgs. 273–275, Writing a Script, pgs. 275, 278–279 **Application:** Chapter 13 Review—Know and Understand #2–13, Apply and Analyze #1 and #3, pg. 282, Critical Thinking #1, pg. 282
05.02 Identify the format/segment type, audience, and genre.	**Instruction:** Chapter 13—Common Script Formats, pgs. 278–279, Audience, pgs. 267–268; Chapter 14—About Creating a Project, pg. 284 **Application:** Chapter 13 Review—Know and Understand #5, pg. 281, Apply and Analyze #1, pg. 282
05.03 Explain the components of a pitch, storyboard, and script.	**Instruction:** Chapter 13—Creating a Storyboard, pg. 273–275, Writing a Script, pgs. 275–279 **Application:** Chapter 13 Review—Know and Understand #9–14, pg. 281, Apply and Analyze #4–5, pg. 282, Critical Thinking #2, pg. 282, STEM and Academic Activities #2–3, pg. 282, Communicating about Video #1–2, pg. 282;
05.04 Select the appropriate location(s) for the specified program type.	**Instruction:** Chapter 15—Places: Scouting Locations, pgs. 312–315 **Application:** Chapter 15 Review—Apply and Analyze #3, pg. 323, Section 4 Project, Capstone Project, pg. 325
05.05 Establish feasible production deadlines.	**Instruction:** Chapter 15—Scheduling, pg. 318

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Standards/Objectives/Indicators	Textbook Pages
	Application: Chapter 15 Review—Communicating about Video #1, pg. 323
06.0 Interpret scripts for digital video technology. The student will be able to:	
06.01 Define the terminology used in script writing.	**Instruction:** Chapter 13—Writing a Script, pgs. 275–279, Chapter 14—Fiction Programs, pg. 284 **Application:** Chapter 13 Review—Know and Understand #10–11 and #14, pg. 281, Apply and Analyze #4–5, pg. 282
06.02 Identify a script by format, function, and utilization.	**Instruction:** Chapter 13—Common Script Formats, pgs. 278–279 **Application:** Chapter 13 Review—Apply and Analyze #5, pg. 282, Critical Thinking #2, pg. 282, STEM and Academic Activities #3, pg. 282,
06.03 Specify the steps that lead to a complete script.	**Instruction:** Chapter 13—The Scripting Process, pg. 275 **Application:** Chapter 13 Review—Apply and Analyze #4, pg. 282,
06.04 Write a script in an appropriate format.	**Instruction:** Chapter 13—The Scripting Process, pg. 275 **Application:** Chapter 13 Review—Apply and Analyze #4, pg. 282
07.0 Understand and demonstrate the digital video production process. The student will be able to:	
07.01 Identify and perform the components of the production phase (e.g., selecting equipment, operating equipment, interviewing, directing, lighting, and audio).	**Instruction:** Chapter 12—Sound Recording Techniques, pgs. 251–257; Chapter 15—About Production Planning, pg. 307, Things: Equipment and Supplies, pgs. 316–318; Chapter 17—Lighting Standards, pgs. 357–360, Lighting Styles, pgs. 360–362, Lighting Strategies, pg. 363–367, Lighting Procedures, pgs. 367–373; Chapter 19—Directing for Content, pgs. 412–434 **Application:** Chapter 12 Review—Critical Thinking #1, pg. 260; Chapter 15 Review—Apply and Analyze #4, pg. 323; Chapter 17 Review—Know and Understand #5–20, pgs. 375–376, Apply and Analyze #1–5, pg. 376, Critical Thinking #1, pg. 377, Communicating about Video #1, pg. 377; Chapter 18 Review, pgs.436–438
07.02 Summarize the roles of the various personnel for video production projects (e.g., producer, director, editor, camera operator).	**Instruction:** Chapter 1—Real-World Video Career Paths, pg. 7, Video Career Paths, pg. 9; Chapter 15—Real-World Video Small Video Crews, pgs. 309–310

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Standards/Objectives/Indicators	Textbook Pages
	Application: Chapter 1 Review—Critical Thinking #1, pg. 16, Communicating about Video #1 and #2, pg. 17
07.03 Identify and perform commonly used camera shots, angles, and movements.	**Instruction:** Chapter 5—Camera Angles, pgs. 92–100; Chapter 9—Working with Lenses, pgs. 163–174, Setting Focus, pgs. 174–177, Operating the Camera, pgs. 181–183 **Application:** Chapter 5 Review—Know and Understand #2–11, pg. 109, Chapter 9 Review—Know and Understand #2–18
07.04 Plan and execute shot to obtain the required action/footage in studio and/or field production environments.	**Instruction:** Chapter 4—Directing the Shoot, pgs. 73–74; Chapter 9—Movement, pg. 171, Chapter 15—Preparing for a Production, pg. 307 **Application:** Chapter 10—Section 2 Project, pg. 218-219; Chapter 20, Section 6 Project, pg. 468-469
07.05 Perform basic field production tasks that include camera, lighting, and sound responsibilities.	**Instruction:** Chapter 12—Sound Recording Techniques, pgs. 251–257; Chapter 15—About Production Planning, pg. 307, Things: Equipment and Supplies, pgs. 316–318; Chapter 17—Lighting Standards, pgs. 357–360, Lighting Styles, pgs. 360–362, Lighting Strategies, pg. 363–367, Lighting Procedures, pgs. 367–373; Chapter 19—Directing for Content, pgs. 412–434 **Application:** Chapter 12 Review—Critical Thinking #1, pg. 260; Chapter 15 Review—Apply and Analyze #4, pg. 323; Chapter 17 Review—Know and Understand #5–20, pgs. 375–376, Apply and Analyze #1–5, pg. 376, Critical Thinking #1, pg. 377, Communicating about Video #1, pg. 377
08.0 Use basic camera equipment. The student will be able to:	
08.01 Set up, turn on, and operate a video camera.	**Instruction:** Chapter 4—Basic Camera Controls, pgs. 68–69, Camera Operation, pgs. 71–73; Chapter 9—Operating the Zoom, pgs. 172–174, Operating the Camera, pgs. 181–183 **Application:** Chapter 10—Section 2 Project, pg. 218 Chapter 20—Section 6 Project, pgs. 468-469
08.02 Identify and demonstrate basic video composition principles (e.g., rule of thirds, leading lines, rule of 180)	**Instruction:** Chapter 8—Video Composition, pgs. 138–158 **Application:** Chapter 8 Review, pgs. 159–161

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Standards/Objectives/Indicators	Textbook Pages
08.03 Identify elements that make a quality video image, both in its composition and technical nature.	**Instruction:** Chapter 4—About Video Production, pg. 68; Chapter 8—Composing Video Images, pgs. 144–154; Chapter 9—Digital Zoom, pg. 17, Controlling Exposure, pg. 177 **Application:** Chapter 8 Review—Know and Understand #6–11, pgs. 159–160; Chapter 9 Review—Know and Understand #10, pg. 185, Apply and Analyze #6, pg. 186
08.04 Identify and select appropriate equipment for a specific production.	**Introduction:** Chapter 15—Things: Equipment and Supplies, pgs. 316–318 **Application:** Chapter 15 Review—Know and Understand #7–9, pgs. 322, Apply and Analyze #4, pg. 323
08.05 Record, transfer, store, and play assets from various media.	**Instruction:** Chapter 4—Basic Camera Controls, pg. 68, Recording Media, pgs. 69–70 **Application:** Starting Your Project**,** Transferring and Organizing Raw Footage, pgs. 76–77
09.0 Identify lighting needs for a planned production. The student will be able to:	
09.01 Explain the use of basic lighting equipment.	**Instruction:** Chapter 16—Lighting Tools, pgs. 328–349 **Application:** Chapter 16 Review, pgs. 351–353
09.02 Define light quality in terms of intensity, color, direction, and characteristics.	**Instruction:** Chapter 17—Lighting Standards, pgs. 357–360 **Application:** Chapter 17 Review—Know and Understand #4, pg. 375, Communicating about Video #1, pg. 377
09.03 Analyze lighting needs for a production.	**Instruction:** Chapter 17—Lighting Strategies, pgs. 363–367, Lighting Procedures, pgs. 367–373; Chapter 18—Lighting Subjects, pgs. 379–383, Lighting Backgrounds, pg. 383, Lighting Locations, pgs. 383–388, Lighting Night Scenes, pgs. 392–394, Lighting Assessments, pgs. 394–402 **Application:** Chapter 17 Review—Know and Understand #12–20, pg. 376; Chapter 18 Review—Know and Understand #1–10, #14–19, pg. 405-406
09.04 Set up appropriate lighting for a production (one-, two-, three- point lighting, etc.).	**Instruction:** Chapter 17—Lighting Strategies, pgs. 363–367, Lighting Procedures, pgs. 367–373; Chapter 18—Lighting Subjects, pgs. 379–383, Lighting Backgrounds, pg. 383, Lighting Locations, pgs. 383–388, Lighting Night Scenes, pgs. 392–394, Lighting Assessments, pgs. 394–402

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Standards/Objectives/Indicators	Textbook Pages
	Application: Chapter 18, pg. 406 Critical Thinking #1, pg. 407 Communicating about Video #2
10.0 Understand basic audio operations. The student will be able to:	
10.01 Compare and contrast various microphone types.	**Instruction:** Chapter 12—Microphones, pgs. 241–245 **Application:** Chapter 12 Review—Know and Understand #7–11, pg. 259
10.02 Determine optimal microphone placement.	**Instruction:** Chapter 12—Microphone Placement, pg. 254 **Application:** Chapter 12 Review—Know and Understand #20, pg. 260, Apply and Analyze #5, pg. 260
10.03 Establish appropriate recording conditions.	**Instruction:** Chapter 12—Sound Recording Techniques, pgs. 251–257 **Application:** Chapter 12—Know and Understand #20–21, pg. 260, Apply and Analyze #5, pg. 260
10.04 Identify, select, and demonstrate the use of appropriate microphones for a production (pick-up pattern, directionality, etc.).	**Instruction:** Chapter 12—Microphones, pgs. 241–245 **Application:** Chapter 12 Review—Know and Understand #7–11, pg. 259
10.05 Identify the elements of a quality audio track.	**Instruction:** Chapter 11—About Audio, pg. 222; Chapter 12—About Recording Audio, pgs. 237–238, Quality, pg. 251, Real-World Video Tips for Better Sound, pg. 257 **Application:** Chapter 12 Know/Understand #20–22, pg. 260; Apply/Analyze #1, #5
10.06 Set up audio recording equipment.	**Instruction:** Chapter 12—Sound Recording Techniques, pgs. 251–257 **Application:** Chapter 12 Review—Know and Understand #20–22, pg. 260
10.07 Perform pre-production sound checks.	**Instruction:** Chapter 15—Scouting Audio Problems, pg. 315 **Application:** Section 3 Project, pg. 262; Section 7 Project, pg. 578
10.08 Record production sound.	**Instruction:** Chapter 11, pg.222; Chapter 12—Production Sound, pg. 238; Chapter 14—Production Sound, pg. 299 **Application:** Chapter 11, Know and Understand #6; Chapter 12 Know and Understand #2, pg. 259 Section 3 Project, pg. 262 Section 7 project, pg. 578

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Standards/Objectives/Indicators	Textbook Pages
11.0 Demonstrate the ability to perform on camera. The student will be able to:	
11.01 Practice appropriate on-camera performance skills (e.g., appearance, gestures, and posture).	**Instruction**: Chapter 19—Directing for Performance, pg. 422-429 **Application**: Section 4 project, pg. 325
11.02 Demonstrate appropriate speaking skills for an on-camera performance (e.g., pitch, tone, emphasis, inflection, enunciation, and timing).	**Instruction**: Chapter 19—Directing for Performance, pg. 422-429 **Application**: Section 3 project, pg. 262; Section 4 project, pg. 325
11.03 Perform as talent in a production.	**Instruction**: Chapter 19—Directing for Performance, pg. 422-429 **Application**: Section 3 project, pg. 262; Section 4 project, pg. 325
12.0 Demonstrate understanding of the digital video post-production process. The student will be able to:	
12.01 List the components of the post-production phase (e.g., video and audio editing, graphics, and distribution method).	**Instruction:** Chapter 4–Postproduction, pg. 13, Real-World Video, pg. 14, Postproduction, pgs. 76–84, Chapter 23—Digital Postproduction, pgs. 522–548 **Application:** Chapter 4 Review—Know and Understand #10, pg. 16; Chapter 23 Review, pgs. 550–551
12.02 Understand production values (e.g., continuity).	**Instruction:** Chapter 22—Continuity, pgs. 494–504, Performance, pgs. 504–511, Emphasis, pgs. 511–514, Pace, pgs. 514–517 **Application:** Chapter 22 Review, pgs. 518–520
12.03 Define appropriate audio and video digital compression and signal types.	**Instruction:** Chapter 23—Image Integrity, pg. 525; Chapter 24—Data Compression, pgs. 569–570 **Application:** Chapter 22 Review—Know and Understand #3, pg. 550, Chapter 24—Know and Understand #13, pg. 576
12.04 Explain the need for data management.	**Instruction:** Chapter 21—Digital Asset Management, pg. 480; Chapter 23—Storing and Publishing, pgs. 547–548 **Application:** Chapter 23 Review—Know and Understand #19, pg. 551, Apply and Analyze #4, pg. 551
12.05 Organize and evaluate materials for editing.	**Instruction:** Chapter 21—Editing Phases, pgs. 477–483

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Standards/Objectives/Indicators	Textbook Pages
	Application: Chapter 21 Review—Know and Understand #6–7, pg. 491
12.06 Perform basic editing functions (cuts, transitions, etc.).	**Instruction:** Chapter 23—Building the Program, pgs. 527–534, Adding Transitions and Other Effects, pgs. 535–543, Designing the Audio, pgs. 543–546 **Application:** Chapter 23 Review—Know and Understand #6–17, pgs. 550–551
12.07 Mix audio and video resources in appropriate sequence for the final cut.	**Instruction:** Chapter 23— Designing the Audio, pgs. 543–546 **Application:** Chapter 22—Know/Understand #8, pg. 519; Chapter 22—Apply/Analyze #3, #6, pg. 520; Chapter 23—Apply/Analyze #5pg. 551, Critical Thinking #2 pg.551 Section 7 project, pg. 578
13.0 Operate an editing system. The student will be able to:	
13.01 Select the best source material such as voiceover (VO), sound on tape (SOT) and b-roll to achieve program goals.	**Instruction:** Chapter 11—Narration, pg. 224–225, Chapter 23—Assembling Materials for Editing, pg. 526—527, Building the Program, pgs. 527–534 **Application:** Chapter 23 - Apply/Analyze #7, pg. 551 Section 7 project, pg. 578
13.02 Combine elements into a program.	**Instruction:** Chapter 23— Building the Program, pgs. 527–534 **Application:** Chapter 23 Review—Know and Understand #16, pg. 551 Section 7 Project, pg. 578
13.03 Control video clips and effects.	**Instruction:** Chapter 22—Emphasis, pg. 511–512, Pace, pg. 514–517 **Application:** Chapter 22 Review—Know and Understand #11-14, pg. 519, Apply and Analyze #4–5, pg. 520
13.04 Control audio mix and effects.	**Instruction:** Chapter 23—Synchronizing Picture and Sound, pgs. 529–532, Designing Audio, pgs. 543–546 **Application:** Chapter 23 – Critical Thinking #3, pg. 551 Section 7 project, pg. 578
13.05 Prepare basic graphics for a production.	**Instruction:** Chapter 23—Titles and Graphics, pgs. 538–542 **Application:** Chapter 23—p. 550-551 Know and Understand #14, #19, Chapter 24—Real-World Video, pg. 564; Section 7 Project, pg. 578

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Standards/Objectives/Indicators	Textbook Pages
14.0 Understand the value of graphics in a production. The student will be able to:	
14.01 Demonstrate an understanding of graphic image types, file formats, and technical requirements for a production.	**Instruction:** Chapter 2—Computer Graphics (CG), pg. 31, Chapter 14—Graphics Resources, pg. 300, Chapter 23—Importing Other Components, pg. 527, Titles and Graphics, pgs. 538–542 **Application:** Chapter 2 Know and Understand, pg. 38, #8; Chapter 23 Know and Understand, pg. 550, #3, 14, Apply/Analyze #8, pg. 551
14.02 Understand text, font, colors, title safe area, lower thirds, and placement.	**Instruction:** Chapter 4—Adding a Title and Effects, pgs. 80–82, Chapter 23—Titles and Graphics, pgs. 538–543 **Application:** Chapter 23—Know/Understand #13-14, pg. 550
14.03 Determine the graphic requirements for a production.	**Instruction:** Chapter 23—Importing Other Components, pg. 527 Chapter 23 – Titles & Graphics, pg. 538 - 542 **Application**: Chapter 23 - Apply/Analyze #8, pg. 551 Section 7 Project, pg. 578
14.04 Edit basic graphics into a program or segment using editing software.	**Instruction:** Chapter 4—Adding a Title and Effects, pgs. 80–82, Chapter 23—Titles and Graphics, pgs. 538–543 **Application:** Section 7 Project, pg. 578
14.05 Demonstrate the ability to use type, color, composition, and graphic elements.	**Instruction:** Chapter 4—Adding a Title and Effects, pgs. 80–82, Chapter 23—Titles and Graphics, pgs. 538–543 **Application:** Section 7 Project, pg. 578

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