# Cinematography and Film/Video Production CIP 50.0602

# Competency Task List

## 100 Introduction to Cinematography, Film and Video Production

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| --- | --- | --- | --- |
| Item | Task  | (X) Indicates Proficiency 1 | Secondary Course Cross-Walk |
| 101 | Follow general lab safety procedures. |   |   |
| 102 | Investigate careers in cinematography and film/video fields. |  |  |
| 103 | Follow copyright law as it applies to media.  |  |  |
| 104 | Explore professional industry organizations. |  |  |
| 105 | Follow digital citizenship ethics and guidelines. |  |  |

## 200 Computer Technology

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| Item | Task  | (X) Indicates Proficiency 1 | Secondary Course Cross-Walk |
| 201 | Use the computer operating system. |   |   |
| 202 | Identify media production industry software titles. |   |   |
| 203 | Use storage and peripheral devices. |   |   |

## 300 Camera Fundamentals

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| Item | Task  | (X) Indicates Proficiency 1 | Secondary Course Cross-Walk |
| 301 | Set up and use various camera-support systems (e.g., tripods, jibs, pedestals, gimbals, sliders). |  |   |
| 302 | Operate basic digital camera including white balance, exposure, and focus. |  |   |
| 303 | Demonstrate digital camera workflows. |  |  |
| 304 | Demonstrate knowledge of imaging sensors. |  |  |
| 305 | Adjust camera settings for frame rate, resolution, and aspect ratio. |  |  |
| 306 | Apply the principles of composition, camera movement, and angles. |  |  |
| 307 | Control depth of field. |  |  |
| 308 | Identify common cables, connectors, and adapters. |  |  |
| 309 | Determine lens characteristics. |  |  |
| 310 | Lay, wrap, and store cables. |  |  |

## 400 Graphic Design for Media Production

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| Item | Task  | (X) Indicates Proficiency 1 | Secondary Course Cross-Walk |
| 401 | Apply elements of design. |  |   |
| 402 | Apply fundamentals of type/font and its uses. |  |   |
| 403 | Apply type/font alignment techniques. |  |  |
|  | RESERVED (404) |  |  |
| 405 | Utilize type sizing, leading, and kerning. |  |  |
|  | RESERVED (406) |  |  |
| 407 | Illustrate the basic psychology of color (cool and warm). |  |  |
| 408 | Differentiate between RGB vs. CMYK color modes. |  |  |
| 409 | Differentiate between different image types (e.g., vector vs. bitmap images).  |  |  |

## 500 Audio Production

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| Item | Task  | (X) Indicates Proficiency 1 | Secondary Course Cross-Walk |
| 501 | Select microphones by type, transducer, pickup patterns, and placement. |   |   |
| 502 | Explore foley sound and automated dialogue replacement (ADR). |   |   |
| 503 | Engineer audio equipment/mixing. |  |  |
| 504 | Record audio in studio and field environments. |  |  |
| 505 | Mix audio production. |  |  |

## 600 Studio/Live Production/Operations

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| Item | Task  | (X) Indicates Proficiency 1 | Secondary Course Cross-Walk |
| 601 | Explain studio operations and responsibilities. |   |   |
| 602 | Operate teleprompter system. |   |   |
| 603 | Operate studio graphics/character generator (CG). |   |   |
| 604 | Operate switcher/technical direct show. |   |   |
| 605 | Set up and operate audio for studio production. |  |  |
| 606 | Produce a studio production. |  |  |
| 607 | Direct a studio production. |  |  |
| 608 | Operate studio camera. |  |  |
| 609 | Perform duties of floor manager during a studio production. |  |  |

## 700 Pre-Production/Creative Development

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| Item | Task  | (X) Indicates Proficiency 1 | Secondary Course Cross-Walk |
| 701 | Determine target audience using demographics. |   |   |
| 702 | Determine client objective and desired outcome. |  |  |
| 703 | Develop creative treatment and outline. |  |  |
| 704 | Determine technical requirement/site survey. |  |  |
| 705 | Create and prepare a production budget and timeline. |  |  |
| 706 | Develop and present a proposal/contract. |  |  |
| 707 | Conceptualize and design a set. |  |  |
| 708 | Create and manage a production schedule. |  |  |
| 709 | Develop a screenplay breakdown, shot list and/or storyboard. |  |  |

## 800 Post-Production

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| Item |  Task  | (X) Indicates Proficiency 1 | Secondary Course Cross-Walk |
| 801 | Use production terminology. |   |   |
| 802 | Ingest, import, and organize files. |   |   |
| 803 | Utilize basic editing tools and techniques. |   |   |
| 804 | Apply transitions. |  |  |
| 805 | Apply video and audio effects, including key framing. |  |  |
| 806 | Export project. |  |  |

## 900 Script Writing

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| Item | Task  | (X) Indicates Proficiency 1 | Secondary Course Cross-Walk |
| 901 | Write a twoor three~~-~~column AV script. |   |   |
| 902 | Write a news program or documentary script. |   |   |
| 903 | Write a commercial. |   |   |
| 904 | Write a screenplay script. |  |  |

## 1000 Lighting

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| Item | Task  | (X) Indicates Proficiency 1 | Secondary Course Cross-Walk |
| 1001 | Use lighting instruments and modifiers. |   |   |
| 1002 | Apply three point and four-point lighting for video. |   |   |
| 1003 | Cast shadows and determine fall-offs. |   |   |
| 1004 | Demonstrate lighting safety practices. |  |  |

## 1100 Industry Software

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| Item | Task  | (X) Indicates Proficiency 1 | Secondary Course Cross-Walk |
| 1101 | Utilize video editing software. |   |   |
| 1102 | Utilize audio editing software. |   |   |
| 1103 | Utilize image editing software. |   |   |
| 1104 | Utilize animation and/or motion graphics software. |  |  |

## 1200 Media Distribution and Output

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| --- | --- | --- | --- |
| Item | Task  | (X) Indicates Proficiency 1 | Secondary Course Cross-Walk |
| 1201 | Publish audio and/or video content to the internet. |   |   |
| 1202 | Identify different file types and codecs. |   |   |
| 1203 | Output audio for appropriate media. |   |   |
| 1204 | Determine media outlets, streaming, and distribution platforms. |  |  |
| 1205 | Differentiate between interlaced and progressive scanning and usage. |  |  |

## 1300 Emerging Media Technologies

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| Item | Task  | (X) Indicates Proficiency 1 | Secondary Course Cross-Walk |
| 1301 | Explore Virtual Reality (VR) Video/360-degree concepts. |   |   |
| 1302 | Explore drone technology. |   |   |
| 1303 | Explore use of mobile devices for production. |   |   |
| 1304 | Explore social media content creation.  |  |  |
| 1305 | Explore remote desktop applications. |  |  |

## 1400 Production Projects

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| Item | Task  | (X) Indicates Proficiency 1 | Secondary Course Cross-Walk |
| 1401 | Produce, edit, and mix a narrative audio production. |   |   |
| 1402 | Produce a news or documentary story. |   |   |
| 1403 | Create a 30 second audio commercial. |   |   |
| 1404 | Create a 30 second television commercial. |  |  |
| 1405 | Produce an audio or video podcast. |  |  |
| 1406 | Produce a promotional video. |  |  |
| 1407 | Produce a how-to-video. |  |  |
| 1408 | Produce a short film or short documentary. |  |  |

1 Student Demonstrated Entry-Level Industry Proficiency as Indicated by (X)