



**GENERAL SERVICES ADMINISTRATION**

**FEDERAL SUPPLY SERVICE**

**AUTHORIZED FEDERAL SUPPLY SCHEDULE CATALOG/PRICE LIST**

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through **GSA Advantage!**, a menu-driven database system. The INTERNET address for **GSA Advantage!** is <http://www.gsaadvantage.gov>

**SCHEDULE TITLE: MAS – MULTIPLE AWARD SCHEDULE**

**FSC GROUP: PROFESSIONAL SERVICES**

**CONTRACT NUMBER: 47QRAA21D002S**

**CONTRACT PERIOD: FEBRUARY 12, 2021 through FEBRUARY 11, 2026**

For more information on ordering from Federal Supply Schedules go to the GSA Schedules page at [GSA.gov](http://GSA.gov)

**CONTRACTOR:** **SILVERBACK VIDEO LLC**  
2342 Centerline Industrial Drive  
Saint Louis, MO 63146-3302  
Phone number: (866) 828-8384  
Fax number: (833) 754-9412  
Email: [jeff@silverbackvideo.com](mailto:jeff@silverbackvideo.com)

**CONTRACTOR'S ADMINISTRATION SOURCE: JEFF JENSEN**  
**SILVERBACK VIDEO LLC**  
2342 Centerline Industrial Drive  
Saint Louis, MO 63146-3302  
Phone number: (866) 828-8384  
Fax number: (833) 754-9412  
Email: [jeff@silverbackvideo.com](mailto:jeff@silverbackvideo.com)



**WEBSITE:** [www.silverbackvideo.com](http://www.silverbackvideo.com)

**BUSINESS SIZE:** **Small Business**

**BUSINESS TYPE:** **Small Business**

**CUSTOMER INFORMATION:**

**1a. TABLE OF AWARDED SPECIAL ITEM NUMBERS (SINs)**

| <b>SIN</b>    | <b>DESCRIPTION</b>   |
|---------------|--|
| <b>512110</b> | <b>Video/Film Production</b>                                       |
| <b>541430</b> | <b>Graphic Design Services</b>                                     |
| <b>541511</b> | <b>Web Based Marketing</b>   |
| <b>541810</b> | <b>Advertising Services</b>  |
| <b>541922</b> | <b>Commercial Photography Services</b>                             |
| <b>561920</b> | <b>Conference, Meeting, Event and Trade Show Planning Services</b> |
| <b>OLM</b>    | <b>Order Level Materials</b>                                       |

**1b. LOWEST PRICED MODEL NUMBER AND PRICE FOR EACH SIN:**  
(Government net price based on a unit of one)

|               |                                   |                 |
|---------------|-----------------------------------|-----------------|
| <b>512110</b> | <b>Technician, News Gathering</b> | <b>\$48.87</b>  |
| <b>541430</b> | <b>Audio Visual Librarian</b>     | <b>\$122.17</b> |
| <b>541511</b> | <b>Illustrator</b>                | <b>\$122.17</b> |
| <b>541810</b> | <b>Audio Visual Librarian</b>     | <b>\$122.17</b> |



**SILVERBACK**  
VIDEO · ANIMATION · SOUND

|        |   |         |
|--------|---|---------|
| 541922 | Photographic-Equipment-<br>Maintenance-Technician | \$73.30 |
| 561920 | Technician, News Gathering                        | \$48.87 |

1c. **HOURLY RATES (Services only):**  
**See attached APPENDIX A – GSA PROPOSED PRICE LIST**

2. **MAXIMUM ORDER\*: \$100,000,000**

NOTE TO ORDERING ACTIVITIES: \*If the best value selection places your order over the Maximum Order identified in this catalog/pricelist, you have an opportunity to obtain a better schedule contract price. Before placing your order, contact the aforementioned contactor for a better price. The contractor may (1) offer a new price for this requirement (2) offer the lowest price available under this contract or (3) decline the order. A delivery order that exceeds the maximum order may be placed under the schedule contract in accordance with FAR 8.404.

3. **MINIMUM ORDER: \$100.00**

4. **GEOGRAPHIC COVERAGE: 48 States; Washington D.C. Worldwide**

5. **POINT(S) OF PRODUCTION: N/A**

6. **DISCOUNT FROM LIST PRICES: *GSA Net Prices are shown on the attached GSA Pricelist.***

7. **QUANTITY DISCOUNT(S): 1% for task orders between \$100,000.00 and \$250,000.00; 2% for task orders between \$250,000.00 and \$500,000.00; and 3% for task orders over \$500,000.00**

8. **PROMPT PAYMENT TERMS: Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions. Net 30 Days**



- 9. FOREIGN ITEMS: **Not Applicable**
  
- 10a. TIME OF DELIVERY: **Subject to Task Order**
  
- 10b. EXPEDITED DELIVERY: **Contact Contractor**
  
- 10c. OVERNIGHT AND 2-DAY DELIVERY: **Contact Contractor**
  
- 10d. URGENT REQUIRMENTS: Agencies can contact the Contractor's representative to affect a faster delivery. Customers are encouraged to contact the contractor for the purpose of requesting accelerated delivery.
  
- 11. FOB POINT: **Destination**
  
- 12a. ORDERING ADDRESS: **Same as Contractor**
  
- 12b. ORDERING PROCEDURES: **For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in Federal Acquisition Regulation (FAR) 8.405-3**
  
- 13. PAYMENT ADDRESS: **Same as Contractor**
  
- 14. WARRANTY PROVISION: **ONE (1) Year, Standard Commercial Warranty. Customer should contact contractor for a copy of the warranty.**
  
- 15. EXPORT PACKING CHARGES: **Not Applicable**



16. TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (IF APPLICABLE): **Not Applicable**
  
17. TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE):  
**Not Applicable**
  
- 18a. TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES (IF AVAILABLE):  
**Not Applicable**
  
- 18b. TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE):  
**Not Applicable**
  
19. LIST OF SERVICE AND DISTRIBUTION POINTS (IF APPLICABLE):  
**Not Applicable**
  
20. LIST OF PARTICIPATING DEALERS (IF APPLICABLE): **Not Applicable**
  
21. PREVENTIVE MAINTENANCE (IF APPLICABLE): **Not Applicable**
  
- 22a. SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES (e.g. recycled content, energy efficiency, and/or reduced pollutants): **Not Applicable**
  
- 22b. Section 508 Compliance for Electronic and Information Technology (EIT):  
**Silverback Video LLC is 508 Compliant**
  
23. DUNS NUMBER: **024993183**



24. NOTIFICATION REGARDING REGISTRATION IN SYSTEM FOR AWARD MANAGEMENT (SAM) DATABASE: **Contractor has an Active Registration in the SAM database. Cage Code: 8D7R9**

**Service Contract Labor Standards Matrix**

| SCA Matrix   |                           |                       |
|--|---------------------------|-----------------------|
| SCA Eligible Contract Labor Category / Fixed Price Service | SCA Equivalent Code Title | Wage Determination No |
| Graphic Designer   | Graphic Artist            | 2015-5076             |
| Photographer   | Photographer V            | 2015-5076             |

Wage Determination based on State of Missouri

The Service Contract Act (SCA) is applicable to this contract and it includes SCA applicable labor categories. The prices for the indicated (\*\*) SCA labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCA matrix. The prices awarded are in line with the geographic scope of the contract. (i.e. domestic)

**APPENDIX A LABOR CATEGORY DESCRIPTIONS**

**APPENDIX B GSA PRICE LIST**



## APPENDIX A

### LABOR CATEGORY DESCRIPTIONS

#### Producer

Minimum Years Of Experience Required: 4 Years

Minimum Education Required: Bachelor's Degree

#### Responsibilities

Plans and coordinates various aspects of radio, television, or cable television programs: Interviews and selects Screen Writers (motion picture; radio-tv broad.) 131.067-050 and cast principals from staff members or outside talent. Outlines program to be produced to Screen Writers (motion picture; radio-tv broad.) and evaluates finished script. Composes or edits program script to meet management or other requirements, using typewriter or computer terminal. Coordinates various aspects of production, such as audio work, scenes, music, timing, camera work, and script writing. Gives instructions to staff to schedule broadcast and to develop and coordinate details to obtain desired production. Reviews production to ensure objectives are attained. Views taped program to select scenes to be used for promotional purposes, using video equipment. Listens to audio tape recording to verify program, script, or sound effects conform to broadcast standards, using audio equipment. May obtain costumes, props, music, or other equipment or personnel to complete production. May represent television network, acting as liaison to independent producer of television series produced for network broadcast. May review budget and expenditures for programs or commercial productions for conformance to budgetary restrictions. May coordinate production details to produce live television programs from locations distant from station. May be designated according to level of responsibility and by type of show produced as Executive Producer (radio-tv broad.); or by type of media as Radio Producer (radio-tv broad.); Television Producer (radio-tv broad.). **DOT Code: 159.117-010**\_GOE: 01.03.01 STRENGTH: L GED: R6 M4 L6 SVP: 8 DLU: 89

#### Director of Photography

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Plans, directs, and coordinates motion picture filming: Confers with Director, Motion Picture (motion picture) regarding interpretation of scene and desired effects. Observes set or location and reviews drawings and other information relating to natural or artificial conditions to determine filming and lighting requirements. Reads charts and computes ratios to determine required lighting, film, shutter angles, filter factors, camera distance, depth of field and focus, angles of view, and other variables to produce desired effects. Confers with Electrician, Chief (motion picture) to establish lighting requirements. Selects cameras, accessories, equipment, and film stock, utilizing knowledge of filming techniques, filming requirements, and computations. Instructs camera operators regarding camera setup, angles, distances, movement, and other variables and signals cues for starting and stopping filming. Surveys set or location for potential problems, observes effects of lighting, measures lighting levels, and coordinates necessary changes prior to filming. Views film after processing and makes adjustments, as necessary, to achieve desired effects. May direct television productions which utilize electronic cameras. May specialize in special effects and be designated Director Of Photography, Special Effects (motion picture; radio-tv broad.). **DOT Code: 143.062-010**\_GOE: 01.02.03 STRENGTH: L GED: R5 M4 L4 SVP:8DLU:77

### **Producer II**

Minimum Years Of Experience Required: 4 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Coordinates activities of personnel engaged in writing, directing, editing, and producing motion pictures: Reviews synopses and scripts and directs adaptation for screen. Determines treatment and scope of proposed productions and establishes departmental operating budgets. Selects principal members of cast and key production staff members. Reviews filmed scenes of each day's shooting, orders retakes, and approves final editing of filmed productions. Conducts meetings with Director, Motion Picture (motion picture), Screen Writer (motion picture; radio-tv broad.), and other staff members to discuss production progress and results. **DOT Code: 187.167-174** GOE: 01.01.01 STRENGTH: S GED: R6 M5 L6 SVP: 8 DLU: 77

### **Producer, Assistant**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Directs activities of one or more departments of motion picture studio. May direct preparation of daily production schedules and operating cost reports. **DOT Code: 187.167-182** GOE: 11.05.02 STRENGTH: S GED:R5M5L5SVP:DLU:77

## **Director, Television**

Minimum Years Of Experience Required: 4 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Plans and directs audio and video aspects of television programs, based on program specifications and knowledge of television programming techniques: Interprets script, rehearses cast, and establishes pace of program to stay within time requirements. Informs technicians of scenery, lights, props, and other equipment desired. Approves scenery, costumes, choreography, and music. Issues instructions to technicians from control room during telecast to keep them informed of effects desired, such as dissolves, long shots, medium shots, superimpositions, fade-ins, and fade-outs. May move controls to integrate material from multisite origins into live program. May direct news and special events programs. May direct program for live broadcast or for electronic video recording. May direct non-broadcast television presentation, such as program for sales, medical, educational, or industrial purposes. May direct commercials. May operate viewing/editing equipment to review and edit program tapes, using personal knowledge of television programming and editing techniques. DOT Code: 159.067-014 May key information into computer, using keyboard, to compile letters, memos, and other program material, such as scripts and notes. May be designated Producer-Director (radio-tv broad.) in small station. GOE: 01.03.01 STRENGTH: L GED: R5 M4 L5 SVP: 8 DLU: 89

## **Director, Motion Picture**

Minimum Years Of Experience Required: 4 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Reads and interprets script, conducts rehearsals, and directs activities of cast and technical crew for motion picture film: Confers with Art Director (motion picture; radio-tv broad.) to ensure that music, sets, scenic effects, and costumes conform to script interpretation. Confers with Director Of Photography (motion picture) to explain details of scene to be photographed and to consider utilization of miniatures, stock film, inserts, transparencies, backgrounds, or trick shots. Schedules sequences of scenes to be filmed for each day of shooting, grouping scenes together according to set and cast of characters. Rehearses cast and suggests changes, using knowledge of acting, voice, and movement to elicit best possible performance. Informs technicians of scenery, lights, props, and other equipment desired. Approves scenery, costumes, choreography, and music. Directs cast, Director Of Photography (motion picture; radio-tv broad.), and other technicians during rehearsals and final filming. May audition and select cast. May cut and edit film. May direct film on set in studio or on location. May direct film for television. **DOT Code: 159.067-010** GOE: 01.03.01 STRENGTH:SGED:R5M4L5SVP:8DLU 77

## **Director, Casting**

Minimum Years Of Experience Required: 3 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Auditions and interviews performers for specific parts, considering such factors as physical size and appearance, quality of voice, expressiveness, and experience: Submits list of suitable performers to Producer (radio-tv broad.) or Director, Motion Picture (motion picture); Director, Radio (radio-tv broad.); Director, Television (radio-tv broad.) for final selection. Keeps talent file, including information, such as personality types, specialties, past performances, and availability of performers. May arrange for screen tests of new performers. May obtain contractual agreement from performers on such items as salary or fees, program credits, residual payments, performance dates, and production schedules. **DOT Code: 159.267-010** GOE: 01.03.01 STRENGTH: L GED: R5 M3 L4 SVP: 7 DLU: 77

## **Director, Radio**

Minimum Years Of Experience Required: 3 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Directs rehearsals and broadcast of one or more radio programs for live broadcast or electronic recording: Selects assisting staff and performers for radio program or commercial announcement. Integrates various parts of program or commercial announcement to produce entertainment balance. Rehearses staff and performers to elicit effects desired and best possible performance. Establishes pace of program or commercial announcement to stay within time requirements. Cues Announcers (radio-tv broad.) 159.147-010 and technicians during program to insert spot announcements or commercials. **DOT Code: 159.167-014** GOE: 01.03.01 STRENGTH: L GED: R4 M3 L4 SVP: 6 DLU: 89

## **Director, Educational Programming**

Minimum Years Of Experience Required: 3 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Plans, develops, and administers programs to promote educational uses of television programs and auxiliary services of public broadcasting station: Reviews past and current educational and instructional programs produced by station and others to determine improvements needed in production and presentation of programs and auxiliary services, such as teaching guides and workshops. Analyzes data to determine prospective users, audiences, and potential funding sources. Confers with education officials

and administrators to develop programs and services consistent with mandated curriculum requirements. Plans, initiates, and administers, through subordinates, preparation of written proposals and implementation of special educational projects, such as instructional programs for in-school and home-viewing courses. Confers with representatives of international educational and broadcasting agencies to ascertain availability of programs from foreign sources and to promote use of station's programs and services by foreign stations and schools. Directs printing, publishing, and dissemination of educational and promotional materials, such as newsletters, lesson plans, and study guides. May prepare budget for contracting programs and services to educational institutions. **DOT Code: 169.167-070**GOE: 11.05.02 STRENGTH: S GED: R5 M4 L5 SVP: 7 DLU: 86

### **Director, Sports**

Minimum Years of Experience Required: 4 Years

Minimum Education Required: Bachelor's Degree

#### **Responsibilities**

Directs and coordinates activities of personnel engaged in broadcasting sports news or sports events over radio or television network or for individual station: Plans broadcast coverage of sports events, such as baseball, basketball, and football games or boxing matches. Directs or arranges for setup of remote broadcast facilities. Hires and assigns staff personnel to operate and direct broadcasting activities and to announce event. Directs preparation and broadcast of sports news and commentaries. Plans for and arranges employment of well-known individuals (personalities) to serve as guest commentators for special events or programs. May participate in broadcasts and interview sport personalities during broadcast, depending on size of station. **DOT Code: 184.167-034** GOE: 11.05.02 STRENGTH: S GED: R5 M4 L5 SVP: 8 DLU: 89

### **Director, Educational, Community-Health Nursing**

Minimum Years Of Experience Required: 4 Years

Minimum Education Required: Bachelor's Degree

#### **Responsibilities**

Plans and directs educational program for community health agency: Develops educational plans for in-service education and orientation of health personnel. Confers with supervisors and staff to ensure efficiency of program. Cooperates with nursing specialists and supervisors to organize educational programs for staff and community. Obtains educational materials for use in teaching and demonstrating nursing and other health related activities. Confers with administrative personnel to determine procedures and techniques for patient care and to implement new programs. Assists in selecting nursing candidates and in orienting new employees. Cooperates with nursing schools and colleges in providing supervised field instruction for students to gain work experience and observe nursing techniques. Conducts surveys and analyses to determine adequacy of educational materials and effectiveness of program. **DOT Code: 075.117-018** GOE: 10.02.01 STRENGTH: S GED: R5 M4 L5 SVP: 8 DLU: 77

## **Director, Technical**

Minimum Years Of Experience Required: 3 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Coordinates activities of radio or television studio and control-room personnel to ensure technical quality of picture and sound for programs originating in studio or from remote pickup points: Plans and arranges for special effects requested by supervisory personnel. Assigns work to technical personnel engaged in controlling and maintaining lights, audio and video control equipment, microphones, and cameras. Observes picture through monitor and gives instruction to Video Operator (radio-tv broad.) 194.282-010 concerning shading or Camera Operator, Television (radio-tv broad.) 143.062-022 concerning composition desired. Controls switcher-mixer unit to switch cameras, fade from one picture to another, or superimpose one image upon another as indicated by script or as cued by Director, Program (radio-tv broad.) 184.167-030. **DOT Code: 962.162-010** GOE: 05.02.04 STRENGTH: L GED: R5 M2 L4 SVP: 8 DLU: 88

## **Director, Operations, Broadcast**

Minimum Years Of Experience Required: 3 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Coordinates activities of personnel engaged in preparation of station and network program schedules: Reviews program schedules in advance and issues daily corrections. Arranges for split network programs furnishing stations not carrying sponsored programs with noncommercial programs. Notifies traffic department to install or cancel programs originating at points remote from broadcasting station. Advises affiliated stations regarding their schedules. Examines expenditures for programs to determine compliance with budgetary restrictions. Prepares schedules for talent and assigns talent to broadcast periods. Arranges for office space and equipment. DOT Code: 184.167-022\_GOE: 11.05.02 STRENGTH: L GED: R5 M3 L5 SVP: 8 DLU: 88

## **Videotape Operator**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Sets up and operates videotaping equipment to record and play back television programs, applying knowledge of videotaping equipment operation: Reads television programming log to ascertain program to be recorded or program to be aired. Selects source, such as satellite or studio, from which program will be recorded, and selects videotaping equipment on which program will be recorded. Observes monitor to verify that station is on-air, and informs supervisor if station not on-air. Cleans videotape path to remove contaminants that would affect quality of recording or playback, and mounts videotape onto videotaping equipment. Sets audio level, and records test pattern and program onto videotape, using videotaping equipment. Verifies quality of recording, using videotape equipment, and informs designated personnel of quality of recording. Inspects tape for defective ends, removes defective end, using cutting tool, and mounts videotape onto videotaping equipment to play back program. Starts videotaping equipment and turns video and color monitors on to verify setting of video and color levels. Observes scales in video and color monitors and operates controls to adjust video and color levels. Cues program, using videotaping equipment, and places videotaping equipment in remote control mode for use by other operator. May operate videotaping equipment to dub and edit tapes. May wire audio and video patch bays (socketed equipment that allows for transfer of audio and video signals between different pieces of equipment, via cables). May set up videotaping equipment to play station breaks. May set up film equipment to play program. May make minor repairs to equipment. **DOT Code: 194.382-018** GOE: 05.03.05 STRENGTH: L GED: R4 M2 L3 SVP: 8 DLU: 89

### **Director, Program**

Minimum Years Of Experience Required: 3 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Plans programming for radio or television stations or network: Determines type, length, and time of each program, including commercial announcements and newscasts, as well as entertainment programs. Evaluates programming available from distributors, syndicators, and independent producers to recommend acquisitions for broadcast. Confers with Producer (radio-tv broad.) 159.117-010 and Director, Television (radio-tv broad.) 159.067-014 or Director, Radio (radio-tv broad.) 159.167-014 to solve production or casting problems. May establish work schedules for Announcers (radio-tv broad.) 159.147-010, audition and hire talent, and negotiate contracts for spot commercial announcements. May be known as Director, International Programs (radio-tv broad.) if programming for foreign broadcasts. **DOT Code: 184.167-030** GOE: 11.05.02 STRENGTH: L GED: R5 M4 L5 SVP: 8 DLU: 89

### **Video Operator**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Controls video console to regulate transmission of television scenes, including test patterns and filmed and live black-and-white or color telecast: Views action on television monitor and sets switches and observes dials on console to control framing, contrast, brilliance, color balance, and fidelity of image being transmitted. Monitors on-air programs to ensure technical quality of broadcast. Previews upcoming program to determine that signal is functioning and that program will be ready for transmission at required time. May maintain log on studio-to-transmitter microwave link. **DOT Code: 194.282-010**  
GOE:05.03.05 STRENGTH: S GED: R4 M4 L3 SVP: 7 DLU: 88

### **Art Director I**

Minimum Years Of Experience Required: 4 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Formulates concepts and supervises workers engaged in executing layout designs for art work and copy to be presented by visual communications media, such as magazines, books, newspapers, television and animation, posters, and packaging: Reviews illustrative material and confers with client or individual responsible for presentation regarding budget, background information, objectives, presentation approaches, styles, techniques, and related production factors. Formulates basic layout design concept and conducts research to select and secure suitable illustrative material, or conceives and assigns production of material and detail to artists and photographers. Assigns and directs staff members to develop design concepts into art layouts and prepare layouts for printing. Reviews, approves, and presents final layouts to client or department head for approval. May perform duties of Graphic Designer (profess. & kin.) to design art layouts. May mark up, paste up, and finish layouts to prepare layouts for printing. May draw illustrations. May prepare detailed story board showing sequence and timing of story development when producing material for television. May specialize in particular field, media, or type of layout. **DOT Code: 141.031-010**  
GOE: 01.02.03 STRENGTH: S GED: R5 M3 L5 SVP: 8 DLU: 77

### **Art Director II**

Minimum Years Of Experience Required: 4 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Formulates design concepts, selects locations and settings, and directs and coordinates set design, construction, and erection activities to produce sets for motion picture and television productions: Reads script and confers with heads of production and direction to establish budget, schedules, and determine setting requirement. Conducts research and consults experts to establish architectural styles which accurately depict given periods and locations. Conducts search for suitable locations and constructed sets. Assigns assistants and staff members to complete design ideas and prepare sketches, illustrations, and detailed drawings of sets. Directs design and production of graphics or animation to produce graphics or

animation for on-air programs. Estimates construction costs and presents plans and estimates for approval. Directs and coordinates set construction, erection, and decoration activities to ensure that they conform to design, budget, and schedule requirements. Reviews budget and expenditures reports to monitor costs. May make rough drawings of design concepts. May formulate design concepts for costumes, makeup, photographic effects, titles, and related production items. **DOT Code: 142.061-062**  
GOE: 01.02.03 STRENGTH: S GED: R5 M3 L5 SVP: 8 DLU: 89

### **Artist And Repertoire Manager**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

#### **Responsibilities**

Selects recording artists and musical selections for production of phonograph records: Auditions recording artist or record to select most appropriate talent for each recording, using knowledge of vocal and instrumental technique and familiarity with popular taste in music. May direct recording sessions. May promote record sales by personal appearances and contacts with broadcasting personalities. GOE: 01.04.01 STRENGTH: L GED: R4 M3 L4 SVP: 7 DLU: 77 **DOT Code: 159.167-010**

### **Audio Visual Librarian**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

#### **Responsibilities**

Plans audiovisual programs and administers library of film and other audiovisual materials: Assists patrons in selection of materials, utilizing knowledge of collections. Advises other library personnel on audiovisual materials and appropriate selection for particular needs and uses. Establishes and maintains contact with major film distributors and resources for procurement of tapes and cassettes. Evaluates materials, considering their technical, informational, and aesthetic qualities, and selects materials for library collections. Prepares summaries of acquisitions for catalog. Prepares and arranges audiovisual programs for presentation to groups and may lead discussions after film showings. Advises those planning audiovisual programs on technical problems, such as acoustics, lighting, and program content. Evaluates audiovisual equipment and gives advice in selection of equipment, considering factors, such as intended use, quality, and price. May advise in planning and layout of physical facilities for audiovisual services. May train personnel in operation and maintenance of audiovisual equipment. **DOT Code: 100.167-010** GOE: 11.02.04 STRENGTH: L GED: R5 M3 L3 SVP: 7 DLU: 77

## **Audiovisual Production Specialist**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Plans and produces audio, visual, and audiovisual material for communication and learning: Develops production ideas based on assignment or generates own ideas based on objectives and personal interest. Conducts research or utilizes knowledge and training to determine format, approach, content, level, and medium which will be most effective, meet objectives, and remain within budget. Plans and develops, or directs assistants to develop, preproduction ideas into outlines, scripts, continuity, storyboards, and graphics. Executes, or directs assistants to execute, rough and finished graphics and graphic designs. Locates and secures settings, properties, effects, and other production necessities. Directs and coordinates activities of assistants and other personnel during production. May review, evaluate, and direct modifications to material produced independently by other personnel. May set up, adjust, and operate equipment, such as cameras, sound mixers, and recorders during production. May perform narration or present announcements. May construct and place in position properties, sets, lighting equipment, and other equipment. May develop manuals, texts, workbooks, or related materials for use in conjunction with production materials. May conduct training sessions on selection, use, and design of audiovisual materials, and operation of presentation equipment. May perform duties listed under Director, Instructional Material (education) 099.167-018. **DOT Code: 149.061-010**GOE: 01.02.03 STRENGTH: L GED: R5 M4 L5 SVP: 7 DLU: 80

## **Audiovisual Technician**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Operates audiovisual or sound-reproducing equipment to provide or complement educational or public service programs offered by institutions, such as museums, zoos, or libraries: Operates motion picture projecting equipment to show films in auditorium or lecture hall for entertainment or enlightenment of visitors to institution. Operates film, slide, video, audio tape, or turntable equipment to project or produce still or moving pictures, background music, oral commentary, or sound effects to illustrate, clarify, or enhance impact of presentation by Teacher (museums) 099.227-038. Coordinates equipment operation with material presented, according to notations in script or instructions of speaker. Maintains equipment in working condition. Makes minor adjustments and repairs to equipment and notifies maintenance personnel when correction of major malfunction is required. Positions, installs, and connects equipment, such as microphones, amplifiers, and lights. **DOT Code: 960.382-010**GOE: 05.10.05 STRENGTH: M GED: R4 M3 L3 SVP: 3 DLU: 86

## **Illustrator**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities**

Draws or paints illustrations for use by various media to explain or adorn printed or spoken word: Studies layouts, sketches of proposed illustrations, and related materials to become familiar with assignment. Determines style, technique, and medium best suited to produce desired effects and conform with reproduction requirements or receives specific instructions regarding these variables. Formulates concept and renders illustration and detail from models, sketches, memory, and imagination. Discusses illustration at various stages of completion and makes changes as necessary. May select type, draw lettering, lay out material, or perform related duties. May be identified according to specific style, technique, medium, subject material or combination of variables. May draw or paint graphic material and lettering to be used for title, background, screen advertising, commercial logo, and other visual layouts for animation, motion picture production and television programming and be designated Title Artist (motion picture; radio-tv broad.). **DOT Code: 141.061-022** GOE: 01.02.03 STRENGTH: S GED: R5 M2 L4 SVP: 7 DLU: 77

## **Illustrator, Medical and Scientific**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities:**

Creates illustrations, graphics, and three dimensional models to demonstrate medical or biological subjects, using variety of artistic techniques: Develops drawings, paintings, diagrams, and models of medical or biological subjects in fields such as anatomy, physiology, histology, pathology, or in surgical procedures, for use in publications, exhibits, consultations, research, and teaching activities. Completes illustrations in pen and ink, oil, monochromatic wash, watercolor, carbon dust, and mixed media. Constructs or advises in construction of models in plaster, wax, plastics, and other materials. Devises visual aids, such as films, video tapes, charts, and computer graphics, to assist in teaching and research programs. **DOT Code: 141.061-026**GOE: 01.02.03 STRENGTH: S GED: R5 M4 L5 SVP: 7 DLU: 89

## **Illustrator, Set**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities:**

Plans, develops, and prepares illustrations of scenes and backgrounds against which action is filmed for use in motion picture or television production: Reads script, reviews working drawings, conducts research

and consults with Art Director (motion picture; radio-tv broad.) to develop illustration ideas. Performs duties of Illustrator (profess. & kin.) to render illustrations. **DOT Code: 141.061-030** GOE: 01.02.03 STRENGTH: S GED: R5 M3 L4 SVP: 8 DLU: 77

### **Director, Media Marketing**

Minimum Years Of Experience Required: 3 Years

Minimum Education Required: Bachelor's Degree

#### **Responsibilities:**

Plans and administers marketing and distribution of broadcasting television programs and negotiates agreements for ancillary properties, such as copyrights and distribution rights for films and audiovisual materials: Reviews inventory of television programs and films produced and distribution rights of broadcasting station to determine potential markets. Develops marketing strategy, based on knowledge of establishment policy, nature of market, copyright and royalty requirements, and cost and markup factors. Compiles catalog of audiovisual offerings and sets prices and rental fees. Negotiates with media agents to secure agreements for translation of materials into other media. Arranges for reproduction of materials for distribution and examines reproductions for conformity to standards. Edits materials according to specific market or customer requirements. Confers with legal staff to resolve problems, such as copyrights and royalty sharing with outside producers and distributors. **DOT Code: 163.117-022**GOE: 11.05.04 STRENGTH: S GED: R5 M4 L5 SVP: 8 DLU: 86

### **Manager, Advertising I**

Minimum Years Of Experience Required: 3 Years

Minimum Education Required: Bachelor's Degree

#### **Responsibilities:**

STRENGTH: S GED: R5 M3 L5 SVP: Directs sale of display and classified advertising services for a publication: Plans sales campaigns. Consults with department heads and other officials to plan special campaigns and to promote sale of advertising services to various industry or trade groups. Corresponds with customers relative to advertising rates and policies, or to solicit new business. May select and train new sales personnel. May be designated according to type of advertising sold as Manager, Classified Advertising (print. & pub.); Manager, Display Advertising (print. & pub.); or area or region served as Manager, Local Advertising (print. & pub.); Manager, National Advertising (print. & pub.). **DOT Code: 163.167-010** GOE: 11.09.01 8 DLU: 77

## **Manager, Advertising II**

Minimum Years Of Experience Required: 3 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities:**

Plans and executes advertising policies of organization: Confers with department heads to discuss possible new accounts and to outline new policies or sales promotion campaigns. Confers with officials of newspapers, radio, and television stations, billboard advertisers, and advertising agencies to negotiate advertising contracts. Allocates advertising space to departments or products of establishment. Reviews and approves television and radio advertisements before release. Reviews rates and classifications applicable to various types of advertising and provides authorization. Directs workers in advertising department engaged in developing and producing advertisements. Directs research activities concerned with gathering information or with compilation of statistics pertinent to planning and execution of advertising sales promotion campaign. May authorize information for publication, such as interviews with reporters or articles describing phases of establishment activity. May serve as establishment representative for geographical district or department. May transact business as agent for advertising accounts. May direct preparation of special promotional features. May monitor and analyze sales promotion results to determine cost effectiveness of promotion campaign. **DOT Code: 164.117-010**  
GOE: 11.09.01 STRENGTH: S GED: R6 M5 L5 SVP: 8 DLU: 89

## **Manager, Advertising Agency**

Minimum Years Of Experience Required: 4 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities:**

Directs activities of advertising agency: Formulates plans to extend business with established accounts, to solicit new accounts, and to establish new advertising policies and procedures. Coordinates activities of departments, such as sales, graphic arts, media, finance, and research. Inspects layouts and advertising copy, and edits radio and television scripts for adherence to specifications. Conducts meetings with agency personnel to outline and initiate new advertising policies or procedures. May confer with clients to provide marketing or technical advice. GOE: 11.09.01 STRENGTH: L GED: R5 M3 L4 SVP: 8 DLU: 78  
**DOT Code: 164.117-014**

## **Inspector, Photographic Equipment**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities:**

Inspects parts, subassemblies, and assembled photographic apparatus, such as still and motion picture cameras, magazines, enlargers, flash units, and film developing machines for conformance to verbal and diagrammatic specifications, using precision measuring and testing instruments: Examines blueprints, wiring diagrams, and other specifications to determine parts, dimensions, and tolerances required. Examines equipment for defects, such as missing parts, incorrect serial numbers, flaws in castings, and light leakage. Measures parts to ensure conformance to dimensional specifications, using micrometers, gauges, rules, and other precision measuring instruments. Tests functioning of electronic components, using test instruments, such as voltmeters, oscilloscopes, and signal generators. Trips camera shutters to verify timing, using timing device. Measures focal distance of lenses, using depth micrometer or collimator. Traces electrical wiring and examines connections to detect assembly defects and tests electrical circuits for continuity, using wire diagrams and continuity meter. Examines test film to detect faulty operation of cameras, using projector, viewing screen, and hand lens. Records inspection data and marks or stamps inspection tag to indicate acceptance or rejection of equipment inspected. **DOT Code: 714.381-014** GOE: 06.01.05 STRENGTH: L GED: R4 M3 L3 SVP: 6 DLU: 77

### **Camera Operator**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities:**

Photographs various subjects and subject material, using motion picture, television broadcasting, or video recording cameras and equipment, utilizing knowledge of motion picture, television broadcasting, or video recording techniques, limitations, and advantages to photograph scenes: Resolves problems presented by exposure control, subject and camera movement, changes in subject distance during filming, and related variables. May receive directives from Producer (radio-tv broad.) 159.117-010 or Director, Television (radio-tv broad.) 159.067-014 over headset. May set up and operate dollies, cranes, camera mounting heads, power zooms, and related motion picture, television broadcasting, or video recording equipment and accessories. May maintain or repair equipment and accessories. May specialize in particular subject material or field, such as medical, scientific, news, or commercial. May photograph action on motion picture or television sets and locations, using shoulder held camera, and be designated Camera Operator, Second (motion picture; radio-tv broad.) or photograph special effects and be designated Camera Operator, Special Effects (motion picture; radio-tv broad.). May specialize in operation of television cameras and be designated Camera Operator, Television (radio-tv broad.). May specialize in operation of motion picture cameras and be designated Photographer, Motion Picture (motion picture). GOE: 01.02.03 STRENGTH: M GED: R4 M3 L4 SVP: 7 DLU: 88 **DOT Code: 143.062-022**

### **Camera Operator, Animation**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

**Responsibilities:**

Operates special camera to make animated cartoon motion picture films: Places background drawing on horizontal easel over which camera is suspended. Positions transparent celluloid slide on which animation has been drawn over background and covers it with glass plate. Exposes frame of motion picture film and repeats process, using next drawing in animation sequence. Regulates exposure and aperture to obtain special effects, such as fade out or fade-ins. **DOT Code: 143.382-010** GOE: 05.10.05 STRENGTH: L GED: R4 M3 L3 SVP: 6 DLU: 77

**Camera Operator, Title**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

**Responsibilities:**

Photographs title cards bearing foreign-language titles and dialogue on standard motion picture film for use with films for export: Sets title card on photographing rack. Switches on mercury light. Mounts rolls of film in camera and adjusts and focuses lens. Photographs title cards, removes film from camera, and forwards it for developing. **DOT Code: 976.382-010** GOE: 05.10.05 STRENGTH: L GED: R4 M3 L3 SVP: 7 DLU: 77

**Graphic Designer**

Minimum Years Of Experience Required: 3 Years

Minimum Education Required: Bachelor's Degree

**Responsibilities:**

Designs art and copy layouts for material to be presented by visual communications media such as books, magazines, newspapers, television, and packaging: Studies illustrations and photographs to plan presentation of material, product, or service. Determines size and arrangement of illustrative material and copy, selects style and size of type, and arranges layout based upon available space, knowledge of layout principles, and esthetic design concepts. Draws sample of finished layout and presents sample to Art Director (profess. & kin.) 141.031-010 for approval. Prepares notes and instructions for workers who assemble and prepare final layouts for printing. Reviews final layout and suggests improvements as needed. May prepare illustrations or rough sketches of material according to instructions of client or supervisor. May prepare series of drawings to illustrate sequence and timing of story development for television production. May mark up, paste, and assemble final layouts to prepare layouts for printer. May specialize in particular field, medium, or type of layout. May produce still and animated graphic formats for on-air and taped portions of television news broadcasts, using electronic video equipment. May photograph layouts, using camera, to make layout prints for supervisor or client. May develop negatives and prints, using negative and print developing equipment, tools and work aids to produce layout

photographs for client or supervisor. May key information into computer equipment to create layouts for client or supervisor. **DOT Code: 141.061-018** GOE: 01.02.03 STRENGTH: S GED: R5 M3 L4 SVP: 7 DLU: 89

## **Cartoon Designer**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities:**

Lays out and draws embroidery cartoon on pattern paper to form embroidery pattern for emblems, according to specifications: Lays out and draws sketch of cartoon, using drafting instruments, such as triangle, pencils, and crayons. Places customer-approved cartoon in enlarging apparatus. Positions pattern paper on drawing board beneath enlarger and pushes button to illuminate enlarger. Looks through eyepiece of enlarger and traces image of cartoon onto pattern paper to form embroidery pattern. Writes specifications on border of pattern and marks identifying information on outside of pattern, using pencil. GOE: 01.02.03 STRENGTH: S GED: R4 M3 L3 SVP: 7 DLU: 77 **DOT Code: 781.381-010**

## **Cartoonist**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities:**

R5 M2 L4 SVP: 7 DLU: 77

Draws cartoons for publications to amuse readers and interpret or illustrate news highlights, advertising, stories, or articles: Develops personal ideas or reads written material to develop ideas from context. Discusses ideas with editor or publisher's representative or sketches cartoon drawing and submits drawing for approval. Makes changes and corrections as necessary and finishes drawing. May develop and draw comic strips. May be designated according to type of cartoons drawn as Editorial Cartoonist (print. & pub.); Sports Cartoonist (print. & pub.). **DOT Code: 141.061-010** GOE: 01.02.03 STRENGTH: S GED:

## **Cartoonist, Motion Pictures**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities:**

Draws animated cartoons for use in motion pictures or television: Renders series of sequential drawings of characters or other subject material which when photographed and projected at specific speed becomes

animated. May label each section with designated colors when colors are used. May create and prepare sketches and model drawings of characters. May prepare successive drawings to portray wind, rain, fire, and similar effects and be designated Cartoonist, Special Effects (motion picture; radio-tv broad.). May develop color patterns and moods and paint background layouts to dramatize action for animated cartoon scenes and be designated Cartoon-Background Artist (motion picture; radio-tv broad.). **DOT Code: 141.081-010** GOE: 01.02.03 STRENGTH: S GED: R5 M2 L4 SVP: 7 DLU: 77

### **Photographer**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

#### **Responsibilities:**

Persuades nightclub and restaurant patrons to pose for pictures and operates camera to photograph them: Carries camera and flashbulb equipment to tables and solicits customers' patronage. Adjusts camera and photographs customers. Takes exposed film to darkroom on premises for immediate processing by Developer (photofinishing). Returns to customers with finished photographs or proofs and writes orders for additional prints selected. Receives payment for photographs. May use camera which produces instant picture. **DOT Code: 143.457-010** GOE: 08.03.01 STRENGTH: L GED: R3 M1 L3 SVP: 3 DLU: 77

### **Photographer Helper**

Minimum Years Of Experience Required: 1 Year

Minimum Education Required: Bachelor's Degree

#### **Responsibilities:**

Assists Photographer, Still (profess. & kin.) in taking and developing photographs: Arranges lights and screens, sets up camera at proper angle, and moves objects to secure desired background for photographs as directed. Assists in darkroom duties, such as mixing chemical solutions and developing films. May label photographs. Performs other duties as described under Helper (any industry) Master Title. GOE: 01.02.03 STRENGTH: M GED: R3 M2 L2 SVP: 4 DLU: 77 **DOT Code: 976.667-010**

### **Photographer, Aerial**

Minimum Years Of Experience Required: 3 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities:**

Photographs segments of earth and other subject material from aircraft to produce pictures used in surveying, mapping, volumetric surveying, or related purposes, such as recording effects of pollution or natural disasters, determining condition of crops and timberland, and planning cities or other large scale projects: Sets up and mounts camera in aircraft. Confers with pilot regarding plotted course, speed, altitude, and area to be photographed. Communicates with pilot during flight to ensure adherence to flight plan or make adjustments to equipment to compensate for changes. Calculates number of exposures and time lapse between them, using standard formulas to determine requirements for adequate area coverage. Adjusts camera shutter speed, lens aperture opening, and focus. Adjusts automatic exposure interval on camera equipped with time lapse control or times intervals with stopwatch and manually trips shutter. Maintains camera in level position and oriented to flight path when making photographs for mapping or surveying. May match individual photographs to form terrain map of photographed area. **DOT Code: 143.062-014** GOE: 01.06.01 STRENGTH: L GED: R4 M3 L3 SVP: 7 DLU: 77

### **Photographer, Still**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities:**

Photographs subjects, using still cameras, color or black-and-white film, and variety of photographic accessories: Selects and assembles equipment according to subject material, anticipated conditions, and knowledge of function and limitations of various types of cameras, lenses, films, and accessories. Views subject and setting and plans composition, camera position, and camera angle to produce desired effect. Arranges subject material, poses subject, or maneuvers into position to take candid photo. Estimates or measures light level, using light meter or creates artificial lighting with flash units, lights, and lighting equipment. Adjusts lens aperture and shutter speed based on combination of factors, such as lighting, depth of field, subject motion, and film speed. Determines subject-to-lens distance, using tape measure, range finder, ground glass, or reflex viewing system to adjust focus. Positions camera and trips shutter to expose film. May calculate variables, such as exposure time, exposure interval, filter effect, and color temperature using tables, standard formulas, and mechanical or electronic measuring instruments. May make adjustments to camera, lens, or equipment to compensate for factors, such as distorted perspective and parallax. May design, build, arrange, or secure properties and settings to be used as background for subject material. May direct activities of other workers. May mix chemicals, process film and photographic paper, and make contact and enlarged prints. May spot and retouch prints and negatives. May conceive and plan photographic sequence for effective presentation. May specialize in particular type of photography, such as illustrative, fashion, architectural, or portrait. May be required to have detailed knowledge of use and characteristics of various types of film, including specialty films, such as infrared. **GOE: 01.02.03** STRENGTH: L GED: R4 M3 L4 SVP: 7 DLU: 88 **DOT Code: 143.062-030**

### **Photographic-Equipment-Maintenance Technician**

Minimum Years Of Experience Required: 3 Years

Minimum Education Required: Bachelor's Degree

**Responsibilities:**

Fabricates, assembles, and repairs photographic equipment except cameras, using hand-tools and power tools: Examines equipment, such as photograph printers, print washers, driers and straighteners, and mounting presses. Replaces defective wood and metal parts and makes minor repairs, such as cleaning and tightening connections, soldering and welding broken metal parts, and bending and installing piping. Lays out framework dimensions on channel and angle stock, using tape measure, square, and scribe and cuts and grinds stock to dimensional specifications to fabricate equipment parts, using power saws, sanders, grinders, and files. Assembles frames and installs parts according to blueprint specifications, using hand-tools, such as drills, wrenches, reamers, and hole punches. Installs electrical wiring, following blueprints. Requisitions parts and materials. **DOT Code: 714.281-026** GOE: 05.05.09 STRENGTH: L GED: R4 M3 L4 SVP: 7 DLU: 77

**Production Manager, Advertising**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

**Responsibilities:**

Coordinates activities of design, illustration, photography, paste-up, and typography personnel to prepare advertisements for publication, and supervises workers engaged in pasting up advertising layouts in art department or studio: Determines arrangement of art work and photographs and selects style and size of type, considering factors such as size of advertisement, design, layout, sketches, and method or printing specified. Submits copy and typography instructions to printing firm or department for typesetting. Reviews proofs of printed copy for conformance to specifications. Assigns personnel to mount printed copy and illustration on final layouts, coordinating assignments with completion of artwork to ensure that schedules are maintained. Writes instructions for final margin widths and type sizes, and submits layout for printing. Examines layout proofs for quality of printing and conformance to layout. GOE: 01.02.03 STRENGTH: S GED: R4 M3 L4 SVP: 7 DLU: 86 **DOT Code: 141.137-010**

**Screen Writer**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

**Responsibilities:**

Writes scripts for motion pictures or television: Selects subject and theme for script based on personal interests or assignment. Conducts research to obtain accurate factual background information and authentic detail. Writes plot outline, narrative synopsis, or treatment and submits for approval. Confers with Producer (motion picture) 187.167-174 or Producer (radio-tv broad.) 159.117-010 and Director,

Motion Picture (motion picture) 159.067-010 or Director, Television (radio-tv broad.) 159.067-014 regarding script development, revisions, and other changes. Writes one or more drafts of script. May work in collaboration with other writers. May adapt books or plays into scripts for use in television or motion picture production. May write continuity or comedy routines. May specialize in particular type of script or writing. **DOT Code: 131.067-050** GOE: 01.01.02 STRENGTH: S GED: R6 M2 L6 SVP: 7 DLU: 77

### **Special Effects Specialist**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

#### **Responsibilities:**

Fabricates, installs, and activates equipment to produce special effects, such as rain, snow, explosions, and other mechanical and electrical effects as required by script for television, motion picture, and theatrical productions: Reads script to determine type of special effects required. Mixes chemicals to produce special effects, following standard formulas. Constructs towers and similar objects used in making effects, using hand tools and machine tools. Fabricates parts for special effects from materials, such as wood, metal, plaster, and clay, using handtools and power tools. Installs special effects, using hand tools. **DOT Code: 131.067-050** GOE: 01.06.02 STRENGTH: M GED: R4 M3 L3 SVP: 6 DLU: 77

### **Technical Illustrator**

Minimum Years Of Experience Required: 3 Years

Minimum Education Required: Bachelor's Degree

#### **Responsibilities:**

Lays out and draws illustrations for reproduction in reference works, brochures, and technical manuals dealing with assembly, installation, operation, maintenance, and repair of machines, tools, and equipment: Prepares drawings from blueprints, designs, mockups, and photoprints by methods and techniques suited to specified reproduction process or final use, such as blueprint, photo-offset, and projection transparencies, using drafting and optical equipment. Lays out and draws schematic, perspective, orthographic, or oblique-angle views to depict function, relationship, and assembly-sequence of parts and assemblies, such as gears, engines, and instruments. Shades or colors drawing to emphasize details or to eliminate undesired background, using ink, crayon, airbrush, and overlays. Pastes instructions and comments in position on drawing. May draw cartoons and caricatures to illustrate operation, maintenance, and safety manuals and posters. **DOT Code: 017.281-034** GOE: 05.03.02 STRENGTH: S GED: R5 M5 L4 SVP: 7 DLU: 77

### **Technician, News Gathering**

Minimum Years Of Experience Required: 3 Years

Minimum Education Required: Bachelor's Degree

**Responsibilities:**

Locates news events, and sets up and controls field transmission equipment to record or transmit news events to television station: Drives vehicle to locate news events, such as fire or public rally, or receives information over two-way radio and scanner about location of news events. Turns power supply and monitors on, and activates air compressor to raise mast. Selects channel for transmission of audio and video signals. Converses with station operator, using two-way radio, while controlling lever to align antennae with receiving dish to obtain clearest signal for transmission of news event to station. Lays electrical cord and audio and video cables between vehicle, microphone, camera, and Reporter (print. & pub.; radio-tv broad.) 131.262-018, or person being interviewed, to allow for receiving of off-air signal and transmission of audio and video signals to station. Observes scale in video monitor and sets video level to specifications. Sets audio level to specifications. Observes monitor and transmission light, and converses with station operator, using two-way radio, to verify transmission of news event to station, and makes adjustments to equipment. Records news event onto videotape, using recording equipment, during transmission of news event to studio, or receives videotape from Camera Operator (motion picture; radio-tv broad.) 143.062-022 and makes dub, using recording equipment. Records information, such as location and news events recorded or transmitted to station, onto log. Is required to hold license issued by Federal Communications Commission. **DOT Code: 194.362-022** GOE: 05.03.05 STRENGTH: M GED: R4 M3 L3 SVP: 8 DLU: 89

**Television Technician**

Minimum Years Of Experience Required: 3 Years

Minimum Education Required: Bachelor's Degree

**Responsibilities:**

Performs any combination of following duties to record and transmit broadcasts: Operates studio and mini-television (portable, shoulder-mounted) cameras [Camera Operator (motion picture; radio-tv broad.) 143.062-022]. Controls console to regulate transmission of television scenes [Video Operator (radio-tv broad.) 194.282-010]. Produces educational and training films and video tapes [Communications Technician (education) 962.362-010]. Sets up and controls television production equipment, such as cameras [Camera Operator (radio-tv broad.)], lights [Light Technician (motion picture; radio-tv broad.) 962.362-014], microphones and microphone booms [Microphone-Boom Operator (motion picture; radio-tv broad.) 962.384-010], and recording equipment [Recordist (motion picture) 962.382-010], in studio and at locations outside of studio, to record or transmit broadcasts. Performs preventive and minor equipment maintenance, using work tools. Maintains log to record equipment usage and location of equipment. May perform duties of other related occupations depending upon specific production needs of individual airwave or closed-circuit station where workers must be able to set up and operate equipment. GOE: 01.02.03 STRENGTH: H GED: R5 M4 L5 SVP: 7 DLU: 89 **DOT Code: 194.062-010**

## **Television-Schedule Coordinator**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities:**

Enters data, such as program and commercial formats, into computer to prepare daily operations schedules and advance program log for newspapers, magazines, traffic or broadcast department: Provides for clearance and rotation of spot-commercial films and slides for television programs, and performs related clerical duties for Director Program (radio-tv broad.) 184.167-030. May compose courtesy, apology, and stay-tuned announcements, using computer. May review overnight television ratings to determine number of viewers watching television programs containing station promotions. GOE: 07.05.01 STRENGTH: L GED: R4 M3 L4 SVP: 4 DLU: 89 **DOT Code: 199.382-010**

## **Motion Graphics (2D Animation)**

Minimum Years Of Experience Required: 2 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities:**

Motion graphics animation describes an entire field of moving imagery. Motion graphics can be considered taking a graphic design that might be otherwise static and provides animation and movement for use in variety of multimedia projects/videos. Motion graphics are a way to speak with the viewer and add depth to the story or concept. These 2D animated graphics are utilized and composed with text, shapes, colors, a mixture of 3D graphics, video/film footage, and music/narration.

## **Motion Graphics (3D Animation and Visual Effects)**

Minimum Years Of Experience Required: 3 Years

Minimum Education Required: Bachelor's Degree

### **Responsibilities:**

3D animation is graphics that use a three-dimensional representation of geometric data that is stored in the computer for the purposes of performing calculations and rendered as 2D images or video. These 3D images presented in 2D can be used to bring motion characters, vehicles, logos, props, and more for use in a multitude of video and film mediums. 3D animation can also be used to show a concept that would otherwise be difficult to show in other traditional means, like showing how the inner workings of a biological cell work or how a combustion engine burns fuel. You can also use 3D animation for products

that don't exist in the real world or have not been created yet. From dragons or dinosaurs to architectural buildings that have yet to be built, or inventions that have yet to be made or manufactured. 3D animation can also be used to help visualize abstract things or concepts.

**APPENDIX B – GSA PRICE LIST – SILVERBACK VIDEO LLC****MAS – MULTIPLE AWARD SCHEDULE**

| <b>SIN NUMBER</b>                 | <b>LABOR CATEGORY</b>    | <b>MINIMUM EDUCATION</b> | <b>MINIMUM YEARS OF EXPERIENCE</b> | <b>UNIT OF ISSUE</b> | <b>GSA PRICE</b> |
|-----------------------------------|--------------------------|--------------------------|------------------------------------|----------------------|------------------|
| 541922, 561920,<br>512110, 541430 | Producer                 | Bachelor's               | 4                                  | Daily                | \$ 733.00        |
| 541922, 512110                    | Director of Photography  | Bachelor's               | 2                                  | Daily                | \$ 586.40        |
| 512110, 541430,<br>541511         | Producer II              | Bachelor's               | 4                                  | Daily                | \$ 488.66        |
| 541922, 561920,<br>512110         | Producer, Assistant      | Bachelor's               | 2                                  | Daily                | \$ 439.80        |
| 541922, 561920,<br>512110         | Director, Television     | Bachelor's               | 4                                  | Daily                | \$ 977.33        |
| 512110                            | Director, Motion Picture | Bachelor's               | 4                                  | Daily                | \$ 977.33        |

|  |   |            |   |       |           |
|--|---|------------|---|-------|-----------|
| 512110                                       | Director, Casting                               | Bachelor's | 3 | Daily | \$ 342.07 |
| 541810                                       | Director, Radio                                 | Bachelor's | 3 | Daily | \$ 977.33 |
| 561920, 512110,<br>541430, 541511            | Director, Educational Programming               | Bachelor's | 3 | Daily | \$ 977.33 |
| 541922, 512110,<br>541511                    | Director, Sports                                | Bachelor's | 4 | Daily | \$ 977.33 |
| 541922, 561920,<br>512110, 541430,<br>541511 | Director, Educational, Community-Health Nursing | Bachelor's | 4 | Daily | \$ 977.33 |
| 561920, 512110                               | Director, Technical                             | Bachelor's | 3 | Daily | \$ 733.00 |
| 541810, 512110,<br>541511                    | Director, Operations, Broadcast                 | Bachelor's | 3 | Daily | \$ 977.33 |
| 541810, 561920,<br>512110, 541511            | Videotape Operator                              | Bachelor's | 2 | Daily | \$ 439.80 |
| 541810, 512110,<br>541511                    | Director, Program                               | Bachelor's | 3 | Daily | \$ 977.33 |

|  |                                     |            |   |       |           |
|--|-------------------------------------|------------|---|-------|-----------|
| 561920, 512110                               | Video Operator                      | Bachelor's | 2 | Daily | \$ 439.80 |
| 541810, 541922,<br>512110, 541430,<br>541511 | Art Director I                      | Bachelor's | 4 | Daily | \$ 781.86 |
| 541922, 512110,<br>541430                    | Art Director II                     | Bachelor's | 4 | Daily | \$ 488.66 |
| 512110                                       | Artist And Repertoire Manager       | Bachelor's | 2 | Hour  | \$ 122.17 |
| 541810, 541922,<br>561920, 512110,<br>541430 | Audio Visual Librarian              | Bachelor's | 2 | Hour  | \$ 122.17 |
| 561920, 512110                               | Audiovisual Production Specialist   | Bachelor's | 2 | Hour  | \$ 122.17 |
| 561920, 512110                               | Audiovisual Technician              | Bachelor's | 2 | Hour  | \$ 122.17 |
| 541810, 512110,<br>541430, 541511            | Illustrator                         | Bachelor's | 2 | Hour  | \$ 122.17 |
| 512110, 541430                               | Illustrator, Medical and Scientific | Bachelor's | 2 | Hour  | \$ 122.17 |

|  |                                   |            |   |       |           |
|--|-----------------------------------|------------|---|-------|-----------|
| 541922, 561920,<br>512110, 541430                    | Illustrator, Set                  | Bachelor's | 2 | Hour  | \$ 125.10 |
| 541810, 541922,<br>561920, 512110,<br>541430, 541511 | Director, Media Marketing         | Bachelor's | 3 | Daily | \$ 488.66 |
| 541810, 541430,<br>541511                            | Manager, Advertising I            | Bachelor's | 3 | Daily | \$ 733.00 |
| 541810, 541922,<br>561920, 512110,<br>541430, 541511 | Manager, Advertising II           | Bachelor's | 3 | Daily | \$ 733.00 |
| 541810, 541430,<br>541511                            | Manager, Advertising Agency       | Bachelor's | 4 | Daily | \$ 733.00 |
| 561920, 512110                                       | Inspector, Photographic Equipment | Bachelor's | 2 | Daily | \$ 733.00 |
| 541922, 561920,<br>512110                            | Camera Operator                   | Bachelor's | 2 | Daily | \$ 488.66 |
| 541922, 512110,<br>541430                            | Camera Operator, Animation        | Bachelor's | 2 | Daily | \$ 488.66 |
| 541922, 512110,<br>541430                            | Camera Operator, Title            | Bachelor's | 2 | Daily | \$ 488.66 |

|  |   |            |   |       |           |
|--|---|------------|---|-------|-----------|
| 541922, 561920,<br>512110, 541430,<br>541511 | Graphic Designer                              | Bachelor's | 3 | Hour  | \$ 122.17 |
| 512110, 541430                               | Cartoon Designer                              | Bachelor's | 2 | Daily | \$ 977.33 |
| 512110, 541430                               | Cartoonist                                    | Bachelor's | 2 | Daily | \$ 977.33 |
| 512110, 541430                               | Cartoonist, Motion Pictures                   | Bachelor's | 2 | Daily | \$ 977.33 |
| 541922, 561920                               | **Photographer                                | Bachelor's | 2 | Daily | \$ 733.00 |
| 541922, 561920,<br>541430                    | **Photographer Helper                         | Bachelor's | 1 | Daily | \$ 244.33 |
| 541922, 512110,<br>541430                    | **Photographer, Aerial                        | Bachelor's | 3 | Daily | \$ 977.33 |
| 541922, 561920,<br>541430                    | **Photographer, Still                         | Bachelor's | 2 | Daily | \$ 733.00 |
| 541922, 561920,<br>512110                    | Photographic-Equipment-Maintenance Technician | Bachelor's | 3 | Hour  | \$ 73.30  |

|  |   |            |   |       |           |
|--|---|------------|---|-------|-----------|
| 541810, 541922,<br>561920, 541430,<br>541511 | Production Manager, Advertising                   | Bachelor's | 2 | Daily | \$ 488.66 |
| 561920, 512110                               | Screen Writer                                     | Bachelor's | 2 | Daily | \$ 293.20 |
| 561920, 512110                               | Special Effects Specialist                        | Bachelor's | 2 | Daily | \$ 733.00 |
| 541810, 541922,<br>512110, 541430            | Technical Illustrator                             | Bachelor's | 3 | Hour  | \$ 122.17 |
| 561920, 512110                               | Technician, News Gathering                        | Bachelor's | 3 | Hour  | \$ 48.87  |
| 561920, 512110                               | Television Technician                             | Bachelor's | 3 | Daily | \$ 488.66 |
| 541810, 561920,<br>512110, 541511            | Television-Schedule Coordinator                   | Bachelor's | 2 | Daily | \$ 293.20 |
| 561920, 512110,<br>541430, 541511            | Motion Graphics (2D Animation)                    | Bachelor's | 2 | Daily | \$ 537.53 |
| 561920, 512110,<br>541430, 541511            | Motion Graphics (3D Animation and Visual Effects) | Bachelor's | 3 | Daily | \$ 977.33 |