

Broadcasting and Video Production

FACULTY

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The Broadcasting and Video Production program prepares graduates for a variety of operational, engineering and production jobs needed to plan, tape, and air studio programs, remote news or sporting events. Students train for positions that set up, integrate and operate the equipment used to switch between multiple cameras and microphones. Broadcast technicians balance inputs and regulate fidelity, brightness, contrast, volume and sound quality required for broadcast productions. Graduates often start their careers in smaller markets or independent production studios where employees need a broad range of skills. Positions in the industry can be specialized or combine production, operations and engineering duties.

During the first part of the program, students develop foundation skills in broadcast engineering, operations, and studio production camera techniques. Second year students choose electives that prepare them for specific positions and jobs within the broadcast industry. The Broadcasting and Video Production program is nationally recognized by the Society of Broadcast Engineers (SBE) and carries their certification for industry-approved course content. SBE Certification can be gained by graduates upon successful completion of the *Broadcast Technologist* exam.

Associate of Technology Degree: 116 credits

Broadcasting and Video Production

Completion Range: 15-19 Months

	<u>Credits/Hours</u>
BVPG 091 Occupational Human Relations	1/17
BVPG 092 Occupational Communications	1/17
BVPG 093 Occupational Math	1/17
BVPG 094 Safety, CPR-First Aid	1/17
BVPE 105 Broadcast Electronics I	3/50
BVPE 106 Broadcast Electronics II	3/50
BVPE 109 Electronic Principles I	3/50
BVPE 110 Electronic Principles II	3/50
BVPO 113 Master Control Operations I	3/50
BVPO 115 Record, Playback Devices	3/50
BVPO 117 Program Editing I	3/50
BVPO 119 Basic Maintenance, Troubleshooting	3/50
BVPP 121 Production Process Theory	3/50
BVPP 123 Introduction to Broadcast Systems	3/50
BVPP 125 Video Tape	3/50
BVPP 127 Production Editing I	3/50
BVPE 201 Analog Systems I	3/50
BVPE 202 Advanced Broadcast Formats	3/50
BVPE 203 Introduction to Digital Systems	2/33
BVPE 204 Introduction to Operating Systems	2/33
BVPE 205 Broadcast Electronics III	6/100
BVPE 206 Broadcast Electronics IV	5/83
BVPE 209 Electronic Principles III	5/83
BVPE 210 Electronic Principles IV	5/83
BVPE 213 Digital Formats & Systems	3/50
BVPE 215 ATSC Formats & Transcoding	2/33
BVPE 217 Audio Engineering	6/100
BVPE 219 Video Engineering	4/70
BVPE 221 Satellite Communications	2/33
BVPE 223 Advanced System Maintenance, Troubleshooting I	6/100
BVPE 225 Advanced System Maintenance, Troubleshooting II	5/83
BVPE 227 DTV Trans System, 8VSB	4/70
BVPE 229 Compression MPEG-II & AC-3	2/33
BVPO 231 Broadcast Station Operations	5/83
BVPO 233 Communications Management	3/50
BVPO 235 Control Room Equipment I	6/100
BVPO 237 Control Room Equipment II	5/83
BVPO 243 Master Control Operations II	6/100
BVPO 245 Non-Linear Editing, F & S	2/33
BVPO 247 Program Editing II	9/150
BVPO 249 Network Storage and Control	3/50
BVPP 251 Production Process I	3/50
BVPP 252 Production Process II	5/83
BVPP 254 Lighting Theory and Techniques I	6/100
BVPP 255 Lighting Theory and Techniques II	6/100
BVPP 257 Elements of Audio I	3/50
BVPP 258 Elements of Audio II	6/100
BVPP 260 Studio Camera Operations I	2/33
BVPP 261 Studio Camera Operations II	7/115
BVPP 262 Set Design	3/50
BVPP 265 Field Production	9/150

Associate of Technology Degree (Continued)

	<u>Credits/Hours</u>
BVPP 267 Production Editing II	3/50
BVPP 272 Graphic Generation I	5/83
BVPP 273 Graphic Generation II	5/83
BVPP 276 Technical Directing I	6/100
BVPP 277 Technical Directing II	6/100
BVPG 281 Introduction to ATV, ADTV, DTV	2/33
BVPG 282 Introduction to Broadcast Formats	3/50
BVPG 283 Emerging Technologies	3/50
BVPG 284 Career Advanced Strategies I	3/50
BVPG 291 Practicum I	6/100
BVPG 292 Practicum II	6/100
BVPG 293 Practicum III	6/100

General Education Requirements

	<u>Credits</u>
100-level or> Human Relations – HREL, PSYCH, SOC or CMST	5
100-level or> Communications – ENGL or CMST	5
100-level or> Mathematics – MATH	5

Certificate of Competency: 81 credits

Broadcast and Video Elements

	<u>Credits/Hours</u>
Completion Range: 10-13 Months	
BVPG 091 Occupational Human Relations	1/17
BVPG 092 Occupational Communications	1/17
BVPG 093 Occupational Math	1/17
BVPG 094 Safety, CPR-First Aid	1/17
BVPE 105 Broadcast Electronics I	3/50
BVPE 106 Broadcast Electronics II	3/50
BVPE 109 Electronic Principles I	3/50
BVPE 110 Electronic Principles II	3/50
BVPO 113 Master Control Operations I	3/50
BVPO 115 Record, Playback Devices	3/50
BVPO 117 Program Editing I	3/50
BVPO 119 Basic Maintenance, Troubleshooting	3/50
BVPP 121 Production Process Theory	3/50
BVPP 123 Introduction to Broadcast Systems	3/50
BVPP 125 Video Tape	3/50
BVPP 127 Production Editing I	3/50
BVPO 235 Control Room Equipment I	6/100
BVPO 243 Master Control Operations II	6/100
BVPP 251 Production Process I	3/50
BVPP 252 Production Process II	5/83
BVPP 257 Elements of Audio I	3/50
BVPP 267 Production Editing II	3/50
BVPG 282 Introduction to Broadcast Formats	3/50
BVPG 284 Career Advanced Strategies I	3/50

General Education Requirements

	<u>Credits</u>
90-level or> Human Relations – HREL, PSYCH, SOC or CMST	3
90-level or> Communications – ENGL or CMST	3
90-level or> Mathematics – MATH	3

90-level credit units apply toward meeting certificate requirements, but do not apply toward degree requirements.