

MEDIA COMPOSER FUNDAMENTALS II

MC110

2022

Avid Official Curriculum
Avid Learning Series
User Certification



Media Composer® Fundamentals II

For Media Composer 2021.12 Software

Avid Technology, Inc.



Table of Contents

Acknowledgements	iii
About the Media.....	iii
INTRODUCTION	xi
Using This Book	xi
Using The Course Material	xi
Prerequisites.....	xv
System Requirements.....	xv
Becoming Avid Certified	xv
Avid Certified. Real skills, proven.....	xvi
Lesson 1: Fundamentals and Beyond	1
Reviewing Fundamental Concepts	2
Establishing a Basic Workflow.....	8
Going beyond HD	9
Working in 4K and Above	10
Creating a New Project	13
Setting up a Project.....	17
Exercise 1: Starting a Project.....	21
Exercise 1.1: Creating and Setting Up a Project	22
Lesson 1 Review & Knowledge Check	25
Lesson 2: Inputting Media	29
Video and Audio Input Methods.....	30
Using the Source Browser	32
Inputting Media with Link	35
Copying and Converting Linked Media.....	37
Preparing for Import.....	42
Exercise 2: Input	47
Exercise 2.1: Linking to Media Files	48
Exercise 2.2: Transcoding Linked Media Files	49
Lesson 2 Review & Knowledge Check.....	51

Lesson 3: Preparing Dailies	55
Prepping for the Edit	56
Adding Information to Dailies	56
Sorting & Filtering a Bin	65
Creating Subclips.....	70
Copying Clips to Multiple Bins	72
Borrowing Clips from Another Project.....	74
Syncing Picture and Sound	75
Grouping Clips.....	78
Exercise 3: Preparing Bin Contents for Editing	81
Exercise 3.1: Setting Up Text View	82
Exercise 3.2: Sorting Bin Contents.....	84
Exercise 3.3: Syncing Audio to Video	86
Exercise 3.4: Grouping Clips by Waveform	88
Lesson 3 Review & Knowledge Check.....	89
Lesson 4: Quick Editing Tools.....	93
Creating & Managing User Profiles.....	94
Customizing User Settings.....	97
Editing from the Bin.....	106
Using Markers	110
Cutting Down a Sequence with Top and Tail.....	114
Using the Extend Function.....	116
Creating a Stringout Sequence	117
Exercise 4: Quick Editing Techniques	121
Exercise 4.1: Setting up a User Profile & Settings.....	122
Exercise 4.2: Building a Storyboard Edit.....	125
Exercise 4.3: Revising the Storyboard Edit.....	127
Exercise 4.4: Creating a Stringout for Review.....	128
Lesson 4 Review & Knowledge Check.....	129
Lesson 5: Cutting and Recutting a Scene.....	133
Reviewing Core Editing Tools	134
Working with Timecode	141
Essential Tools.....	145
Alternate Ways to Use Sequences	148

Finding Alternative Shots.....	150
Selecting Multiple Segments.....	155
Exercise 5: Cutting and Recutting.....	159
Exercise 5.1: Assembling a Rough Cut	160
Exercise 5.2: Revising the Scene's Opening	163
Exercise 5.3: Revising the Rest of Anesthesia	165
Lesson 5 Review & Knowledge Check.....	167
Lesson 6: Trimming Narrative Sequences	171
Approaching the Trimming Phase.....	172
Establishing a Trim Workflow	173
Reviewing Trim Mode and Keyboard Functions	174
Executing the Radio Edit	176
Maintaining Sync	181
Creating Split Edits	183
Slipping and Sliding Segments	187
Exercise 6: Trimming a Narrative Scene	191
Exercise 6.1: Performing a Radio Edit.....	192
Exercise 6.2: Creating Split Edits and Refining Cutaways	194
Lesson 6 Review & Knowledge Check.....	197
Lesson 7: Editing and Mixing Audio	201
Establishing an Audio workflow	202
Preparing the Timeline and Adding Sound Elements.....	202
Creating an Audio Mix.....	208
Keyframing Volume & Pan	215
Applying EQ & Finishing the Mix	219
Exercise 7: Editing & Mixing Sequence Audio	225
Exercise 7.1: Adding Music and SFX to Anesthesia	226
Exercise 7.2: Creating the Audio Mix	229
Lesson 7 Review & Knowledge Check.....	231
Lesson 8: Working with High-Resolution Images.....	235
Preparing for Pan and Zoom	236
Working with Source Settings.....	240
Creating a Pan and Zoom Effect with FrameFlex	244

Exercise 8: Pan & Zoom with Frameflex.....	247
Exercise 8.1: Using FrameFlex to Modify Shots.....	248
Lesson 8 Review & Knowledge Check.....	251
Lesson 9: Creative Retiming Effects.....	255
Reviewing Motion Effects & Freeze Frames	256
Using Fit To Fill Edit	258
Working with Timewarp Effects	259
Using the Timewarp Effect.....	261
Understanding Anchor Frames & Trim To Fill	266
Exercise 9: Creating Motion Effects	271
Exercise 9.1: Adding Motion Effects to a Montage	272
Exercise 9.2: Using Timewarp Effects.....	274
Lesson 9 Review & Knowledge Check.....	275
Lesson 10: Blurring and Tracking Elements	279
Obscuring Elements in Video	280
Creating a Blur Effect	281
Exercise 10: Tracking & Blurring Objects	289
Exercise 10.1: Using Tracking with a Blur Effect.....	290
Lesson 10 Review & Knowledge Check	293
Lesson 11: Introduction to Multilayer Effects	297
Creating a Split-Screen.....	298
Using the 3D PIP Effect.....	300
Working with Advanced Keyframes.....	308
Exercise 11: Creating a Split-Screen Effect.....	319
Exercise 11.1: Building a 3D PIP Split Screen	320
Exercise 11.2: Animating a PIP Effect.....	322
Lesson 11 Review & Knowledge Check	325
Lesson 12: Nesting Effects and Playback Performance	329
Nesting Effects	330
Improving Effect Playback	337
Exercise 12: Nesting & Improving System Performance.....	343
Exercise 12.1: Nesting Effects	344
Exercise 12.2: Changing Settings for Playback.....	346

Lesson 12 Review & Keyboard Shortcuts	347
Lesson 13: Creating Chroma Key Effects	351
Different Keying Types	352
Exploring the SpectraMatte Effect.....	353
Exercise 13: Creating A Chroma Key with SpectraMatte	363
Exercise 13.1: Keying Out a Green Screen.....	364
Lesson 13 Review & Knowledge Check	367
Knowledge Check	368
Lesson 14: Packaging and Exporting.....	371
Exploring the Review Process	372
Tools for Review	373
Setting up for Output.....	378
Working with Export Templates.....	383
Using the Send To Option.....	386
Exercise 14: Review and Output	391
Exercise 14.1: Preparing an Anesthesia Review Copy	392
Exercise 14.2: Preparing Anesthesia for Output	394
Exercise 14.3: Outputting Anesthesia.....	396
Lesson 14 Review & Knowledge Check	399
Lesson 15: Managing Project Media	403
Media Management Review	404
Deleting Media Files	407
Working with Consolidate and Transcode.....	410
Exercise 15: Media Management.....	417
Exercise 15.1: Using the Media Tool.....	418
Exercise 15.2: Consolidating Media	420
Exercise 15.3: Delete Unused Project Media Files	422
Lesson 15 Review & Knowledge Check	425