

Table of Contents - MC110 2018/19

Introduction.....	xi
Using This Book	x
Using the Course Material.....	x
Prerequisites	xii
System Requirements	xii
Becoming Avid Certified.....	xiii
Avid Certified. Real skills, proven.....	xiv
Lesson 1: Fundamentals and Beyond	1
Fundamental Concepts.....	2
Learning the Basic Workflow	4
Going Beyond HD	5
Working in 4K.....	6
Creating a New Project.....	8
Setting up a Project.....	11
Exercise 1: Starting a Project.....	13
Exercise 1.1: Creating and Setting Up a Project	14
Lesson 2: Inputting Media.....	19
Ways to Input Video and Audio Clips	20
Using the Source Browser	21
Adding Clips to Your Project.....	24
Copying and Converting Linked Media	26
Importing Media Files	32
Review/Discussion Questions	35
Exercise 2: Input	37
Exercise 2.1: Linking to Media Files.....	38
Exercise 2.2: Transcoding Linked Media Files.....	39
Exercise 2.3: Transcoding a Sequence.....	41
Lesson 3: Preparing Dailies	43
Prepping for the Edit	44
Adding Information to Dailies	44
Sorting the Bin	49
Filtering the Bin	52
Creating Subclips	54
Cloning Clips to Multiple Bins.....	55

Opening a Bin from Another Project	56
AutoSyncing Picture and Sound	57
Grouping Clips	59
Review/Discussion Questions	62
Exercise 3: Prepare a Project for Editing	65
Exercise 3.1: Syncing Audio to Video by Waveform	66
Exercise 3.2: Syncing Clips with Marks	69
Lesson 4: Quick Editing Tools	75
Editing from the Bin	76
Creating a Stringout Sequence	76
Storyboard Editing	78
Cutting Down a Sequence with Top and Tail	79
Using the Extend Function	82
Using Markers	84
Mapping Buttons and Menus	87
Copying and Updating User Settings	92
Review/Discussion Questions	94
Exercise 4: Quick Editing Techniques	97
Exercise 4.1: Creating a Stringout for Review	98
Exercise 4.2: Tennessee Parkour Montage	101
Exercise 4.3: Improving a Montage with Split Edits	106
Exercise 4.4: Map the Keyboard of a New User (Optional)	110
Lesson 5: Cutting and Recutting a Scene	113
Review of Basic Edit Tools	114
Selecting Multiple Segments	118
Alternate Ways to Use Sequences	121
Finding Alternative Shots	124
Essential Tools	129
Review/Discussion Questions	134
Exercise 5: Alternative Editing Techniques	137
Exercise 5.1: Crafting a Dialogue Scene	138
Exercise 5.2: Cutting a New Opening for Anesthesia	141
Exercise 5.3: Second Revision of Anesthesia (Optional)	146
Lesson 6: Trimming Dialogue Scenes	149
Understanding Trim	150
The “Radio Edit” Technique	152
Exploring Trim Mode	153
Audio Controls for Trimming	157

Dynamic Trim Tools	159
Creating Split Edits.....	161
Maintaining Sync	164
Slipping and Sliding Segments	167
Review/Discussion Questions	171
Exercise 6: Trim the Dialogue Scene	173
Exercise 6.1: Performing a Radio Edit.....	174
Exercise 6.2: Creating Split Edits	176
Lesson 7: Mixing Sequence Audio.....	181
Mixing Audio Efficiently.....	182
Setting Up for Audio Mixing	183
Audio EQ Tool.....	191
Keyframing Volume and Pan Changes	195
Review/Discussion Questions	201
Exercise 7: Mix Your Audio.....	203
Exercise 7.1: Replace Music in TN Parkour.....	204
Exercise 7.2: Dialogue Editing in Anesthesia.....	208
Exercise 7.3: Adding Music and Sound Effects to Anesthesia (Optional)	213
Lesson 8: Working with High-Resolution Images.....	219
Understanding Pan & Zoom Effects.....	220
Exploring the Source Settings Dialog Box	221
Using FrameFlex on 2K+ Clips	224
Creating a Pan and Zoom Effect with FrameFlex	226
Review/Discussion Questions	229
Exercise 8: Making Corrections to Shots.....	231
Exercise 8.1: Using Frame Flex to Modify Shots in the Timeline	232
Lesson 9: Creative Retiming Effects	239
Review of Freeze Frames and Motion Effects	240
Creating Motion Effects to Fill a Duration.....	242
Creating Timewarp Effects.....	244
Timewarp Preset Effects	245
Creating a Timewarp Effect	246
Using the Anchor Frame	250
Review/Discussion Questions	254
Exercise 9: Creative Retiming Effects	255
Exercise 9.1: Adding Motion Effects to the TN Parkour Montage	256
Exercise 9.2: Using Fit to Fill.....	262
Exercise 9.3: Using Trim to Fill.....	265

Exercise 9.4: Working with Timewarp Effects	269
Lesson 10: Tracking and Blurring Objects	275
Blurring Unwanted Objects	276
Creating a Blur Effect	277
Review/Discussion Questions	281
Exercise 10: Tracking and Blurring Objects	283
Exercise 10.1: Using Tracking with Effects	284
Lesson 11: Introduction to Multilayer Effects	293
Creating a Split-Screen Effect	294
Using Advanced Keyframe Graphs	299
Essential Tools	304
Review/Discussion Questions	308
Exercise 11: Introduction to Multilayer Effects	309
Exercise 11.1: Using Multilayer Effects	310
Exercise 11.2: Animating a PIP Effect	315
Lesson 12: Nesting and Rendering Effects	323
Nesting Effects	324
Changing the Order of Nested Effects	326
Editing Inside a Nest	327
Measuring Performance	328
Adjusting Playback Quality	329
Rendering Effects	332
Understanding ExpertRender	334
Review/Discussion Questions	340
Exercise 12: Nesting and Order of Processing	341
Exercise 12.1: Nesting Effects	342
Exercise 12.2: Editing within the Nest	347
Exercise 12.3: Rendering Effects	350
Lesson 13: Creating ChromaKey Effects	353
Different Keying Types	354
Exploring the SpectraMatte	355
Viewing the Matte Channel	356
Cropping Out Garbage	357
Adjusting the SpectraMatte	358
Review/Discussion Questions	363
Exercise 13: Creating Keying and Matte Composites	365
Exercise 13.1: Keying Out a Green Screen Using SpectraMatte	366

Lesson 14: Packaging and Export	373
Understanding the Review Process	374
Tools for Review	375
Preparing for Output	380
Packaging a Sequence	380
Exporting a File.....	387
Using the Send To Export Templates	389
Exporting XDCAM Media	392
Review/Discussion Questions	395
Exercise 14: Output and Review	397
Exercise 14.1: Preparing a Screening Copy of “Anesthesia”.....	398
Exercise 14.2: Preparing “Anesthesia” for Output	402
Exercise 14.3: Outputting “Anesthesia”	405
Lesson 15: Managing Project Media	411
Managing Your Media.....	412
Deleting Media Files	415
Understanding Consolidate and Transcode	418
Review/Discussion Questions	424
Exercise 15: Media Management	425
Exercise 15.1: Deleting Render Files Using the Media Tool.....	426
Exercise 15.2: Consolidating Media from the “TN Parkour” Project.....	428
Exercise 15.3: Delete Unused Project Media Files.....	430
Appendix A: Linking Specialized File Types	431
Linking to Files with an Alpha Channel	432
Importing Sequential Image Files	436
Index	439