



INDUSTRY CERTIFICATIONS  
ADVANCED LEVEL

SDSU, M.F.A and M.A. with a Graphic Design Emphasis

BA/BS Degree/Transfer

AA./A.S Degree/Transfer

AA - Graphic Design

NEW AA - Media Arts for Transfer

AA - Web Development and Design

General Education

Mid Level Certificate

Certificate of Achievement - Web Development and Design (30 total units)

Certificate of Achievement - Graphic Design (30 total units)

Certificate of Achievement - Video and Media Design (30 total units)

NEW Transfer Certificate (24 units)

*Remove some capstone type classes and provide more generalization for transfer. Open up to other discipline courses for credit (Marketing, Communications, Arts, etc.)*

**Foundation courses (15 units):**  
MAT 110 Digital Imaging 1: Adobe Photoshop (3 units)  
MAT 120 Media Design 1: Production (3 units)  
MAT 125 Web Design 1: Fundamentals (3 units)  
MAT 135 Graphic Design 1: Principles (3 units)  
MAT 165 Web Design 2: Tools and Techniques (3 units)  
**Emphasis courses (select 12 units)**  
**6 units must be advanced 200-level courses.**  
MAT 150 Animation and Interactivity  
MAT 175 Web Design: JavaScript and jQuery  
MAT 190 Programming for Animation, Interactivity, and Games  
MAT 215 Web Design: Mobile Sites and Apps  
MAT 225 Web Design: PHP and WordPress  
MAT 235 Web Design 3: UX and UI Design and Production  
MAT 270 Advanced Design Studio  
**Elective courses:**  
**Students may substitute 3 units from these elective courses below in lieu of 3 units from the emphasis courses listed above.**  
BUS 133 Project Management  
CS 130 Fundamentals of Scripting Languages  
CSIT 146 E-Commerce and Web Presence  
CSIT 155 Social Media for Business  
MAT 182 Web Publishing: Adobe Muse  
MAT 255 Business of Media Arts  
MAT 292 Internship Studies  
**Required to graduate (3 units)**  
MAT 290 Portfolio Development

**Foundation courses (15 units):**  
AVAILABLE ONLINE MAT 110 Digital Imaging 1: Adobe Photoshop (3 units)  
AVAILABLE ONLINE MAT 120 Media Design 1: Production (3 units)  
AVAILABLE ONLINE MAT 125 Web Design 1: Fundamentals (3 units)  
AVAILABLE ONLINE MAT 135 Graphic Design 1: Principles (3 units)  
MAT 155 Graphic Design 2: Typography (3 units)

**Emphasis courses (select 12 units)**  
**At least 6 units must be at the 100-level and at least 3 units must be at the 200-level selected from the courses below.**  
MAT 170 Digital Illustration 1: Adobe Illustrator  
MAT 180 Digital Publishing: Adobe InDesign  
MAT 185 Graphic Design 3: Design and Layout  
MAT 210 Digital Imaging 2: Advanced Photoshop  
MAT 230 Advanced Publishing: Output for Print  
MAT 270 Advanced Design Studio  
**Elective courses:**  
**Students may substitute 3 units from these elective courses below in lieu of 3 units from the emphasis courses listed above.**  
MAT 105 History of Graphic Design  
MAT 150 Animation and Interactivity  
MAT 182 Web Publishing: Adobe Muse  
MAT 220 Digital Illustration 2: Advanced Illustrator  
MAT 255 Business of Media Arts  
MAT 292 Internship Studies  
**Required to graduate (3 units)**  
MAT 290 Portfolio Development

**Foundation courses (15 units):**  
MAT 110 Digital Imaging 1: Adobe Photoshop (3 units)  
MAT 120 Media Design 1: Production (3 units)  
MAT 125 Web Design 1: Fundamentals (3 units)  
MAT 135 Graphic Design 1: Principles (3 units)  
MAT 160 Video 1: Production (3 units)★  
**Emphasis courses (select 12 units):12**  
MAT 140 3D Animation 1: Maya  
MAT 150 Animation and Interactivity  
MAT 200 Video 2: Post-Production and Special Effects  
MAT 240 3D Animation 2: Motionbuilder  
MAT 270 Advanced Design Studio  
**Elective courses:**  
**Students may substitute 3 units from these elective courses below in lieu of 3 units from the emphasis courses listed above.**  
MAT 190 Programming for Animation, Interactivity, and Games  
MAT 255 Business of Media Arts  
MAT 292 Internship Studies  
FILM 101 Introduction to Film  
FILM 112 Film History II: 1945-Present  
MTEC 110 Recording Arts I  
Required to graduate (3 units)  
MAT 290 Portfolio Development

Entry Level Certificate

**Certificate of Specialization - Digital and Print Publishing (15 units)**  
**Required courses:**  
**Select 15 units from the following**  
MAT 110 Digital Imaging 1: Adobe Photoshop  
MAT 170 Digital Illustration 1: Adobe Illustrator  
MAT 180 Digital Publishing: Adobe InDesign  
MAT 182 Web Publishing: Adobe Muse  
MAT 210 Digital Imaging 2: Advanced Photoshop  
MAT 220 Digital Illustration 2: Advanced Illustrator  
MAT 230 Advanced Publishing: Output for Print  
MAT 255 Business of Media Arts

**Certificate of Specialization - Graphic Communication (15 total units)**  
**Choose 15 units from the following courses**  
MAT 105 History of Graphic Design  
MAT 135 Graphic Design 1: Principles  
MAT 155 Graphic Design 2: Typography  
MAT 170 Digital Illustration 1: Adobe Illustrator  
MAT 180 Digital Publishing: Adobe InDesign  
MAT 185 Graphic Design 3: Design and Layout

**NEW Foundation Certificate**  
AVAILABLE ONLINE MAT 110 Digital Imaging 1: Adobe Photoshop (3 units)  
AVAILABLE ONLINE MAT 120 Media Design 1: Production (3 units)  
AVAILABLE ONLINE MAT 125 Web Design 1: Fundamentals (3 units)  
AVAILABLE ONLINE MAT 135 Graphic Design 1: Principles (3 units)  
MAT 155 Graphic Design 2: Typography (3 units)

**Certificate of Specialization - Video and Animation (15 total units)**  
**Required courses:**  
MAT 140 3D Animation 1: Maya(3 units)  
MAT 150 Animation and Interactivity (3 units)  
MAT 160 Video 1: Production (3 units)  
MAT 200 Video 2: Post-Production and Special Effects (3 units)  
MAT 240 3D Animation 2: Motionbuilder (3 units)

**Certificate of Specialization - Web Design (15 units)**  
**Required courses:**  
**Five of the following:15**  
CSIT 146 E-Commerce and Web Presence  
MAT 125 Web Design 1: Fundamentals  
MAT 150 Animation and Interactivity  
MAT 165 Web Design 2: Tools and Techniques  
MAT 175 Web Design: JavaScript and jQuery  
MAT 190 Programming for Animation, Interactivity, and Games  
MAT 215 Web Design: Mobile Sites and Apps  
MAT 225 Web Design: PHP and WordPress  
MAT 235 Web Design 3: UX and UI Design and Production

JOBS AND WAGES

ADVANCED LEVEL

- Art Director, \$29.42/hr
- Computer Programmer, \$38.40/hr
- Film and Video Editor, \$29.28/hr
- Graphic Designer, \$23.08/hr
- Multimedia Artist and Animator, \$35.14

MID LEVEL

- Desktop Publishers, \$21.53/hr
- Web Developers, \$29.42/hr
- Audio and Video Equipment Technicians, \$17.00/hr
- Prepress Technician, \$23.42/hr

ENTRY LEVEL

- Media and Communication Worker, \$23.37/hr
- Photographer, \$12.18/hr

★ Core 4 : dual enrollment possible (also as hybrid)

Art 100  
Art 101