Lane Community College ℠

2011 - 2012
Career and Technical Programs

Arts Division
541.463.5409

lanecc.edu

Multimedia/Web Design

Two-Year Associate of Applied Science Degree
One-Year Certificate of Completion, Multimedia Design
One-Year Certificate of Completion, Web Design

Purpose To prepare students for entry-level positions in the media industry and careers in multimedia design and production.

Learning Outcomes The graduate will:

- design computer applications incorporating multiple forms of media such as text, graphics, audio, video, and animation.
- understand the concept, potential and implications of communicating ideas using computer-based interactive media technology.
- become proficient in developing and applying effective visual design strategies for creating interactive multimedia, animation, games, web sites, and computer-based training for delivery over the Internet, DVD's and CD-ROM.
- have additional skills in one or more elective area: software, design, or media.
- use appropriate library and information resources to research media issues, concepts and tools, and support lifelong technical learning.
- manipulate variables using computer software applications.

Employment Trends Reasonable employment opportunities exist for trained workers. Statewide, 16 job openings are projected annually through 2018, with 2 of those in Lane County.

Wages Average statewide wages for multimedia artists, animators, and related workers: $ 25.67 hourly and $56,417 annually.

Costs in Addition to Tuition (estimate)*
Additional costs for two-year degree program $1,700
* Subject to change without notice.

Cooperative Education (Co-op) Opportunities to work directly in the media industry as interns are provided by the Co-op program. Through Co-op, students connect classroom learning with field experience, gain skills, and make contacts for the future. Second-year students will work with professional production teams to gain experience producing a variety of interactive multimedia products. Contact Teresa Hughes, Multimedia Design Co-op Coordinator, Bldg. 17, Rm. 106, 541.463.3179, *hughest@lanecc.edu.*

Note Students must earn a grade of "B-" or better in all prerequisite (s) and "C-" or better in major requirements.

Program Contacts Jefferson Goolsby, Bldg. 17, Rm. 105; Teresa Hughes, Bldg. 17, Rm. 106.

Two-Year Associate of Applied Science Degree

First Year	Fall
ART 131 Introduction to Drawing [G]	3
ART 261 Photography 1 [G, B]	3
CS 195 Web Authoring 1 [B,G]	3
FA 250 Concepts of Visual Literacy [B,G]	3
PE/Health requirement	1
WR 121 Introduction to Academic Writing [G, B]	4
Total Credits	**17**

	Winter
AUD 120 Audio Production [B,G]	4
FA 261 Writing and Interactive Design *,[G,B]	3
MUL 210 Multimedia Design *,[G,B]	3
MUL 212 Digital Imaging [B,G]	3
MTH 060 Beginning Algebra	
or higher mathematics [D,G,R]	4
Total Credits	**17**

	Spring
ART 151A Media Graphics [B,G]	3
FA 231 Multimedia Authoring *,[B,G]	3
Science, Math, Computer Science Requirement [B,G]	4
VP 151 Video Production 1 / Camera *,[B,G]	3
Directed Elective [D,G]	3-4
Total Credits	**16-17**

Second Year	Fall
ART 115 Basic Design: Fundamentals [B,G]	3
ART 245 Drawing for Media [D,G]	4
MUS 118 Music Technology MIDI/Audio 1 [D,G]	4
VP 152 Video Production 2: Editing *,[B,G]	3
Directed Elective [D,G]	3-4
Total Credits	**17-18**

	Winter
ART 289 Web Production *,[D,G]	3
CG 203 Human Relations at Work [B,G]	3
MDP 246 Multimedia Production 1 *,[B,G]	4
MDP 280 Co-op Ed: Multimedia *,[D,G]	3
PE/Health requirement	1
Total Credits	**14**

	Spring
MDP 280 Co-op Ed: Multimedia *,[D,G]	3
MDP 247 Multimedia Production 2 *,[D,G]	4
PE/Health requirement	1
Directed elective [D,G]	6-8
Total Credits	**14-16**

Multimedia/Web Design

One-Year Certificate of Completion in Multimedia Design

	Fall
ART 115 Basic Design: Fundamentals B,G	3
ART 131 Introduction to Drawing B,G	3
ART 261 Photography 1 B,G	3
FA 250 Concepts of Visual Literacy *,B,G	3
WR 121 Introduction to Academic Writing B,G	4
Total Credits	**16**

	Winter
AUD 120 Audio Production B,G	4
FA 261 Writing and Interactive Design *,B,G	3
MTH 060 Beginning Algebra or higher mathematics D,G	4
MUL 210 Multimedia Design *,B,G	3
MUL 212 Digital Imaging B,G	3
Total Credits	**17**

	Spring
ART 151A Media Graphics B,G	3
CG 203 Human Relations at Work B,G	3
FA 231 Multimedia Authoring *,B,G	3
Science, Math, Computer Science course G	4
VP 151 Video Production 1 / Camera *,B,G	3
Total Credits	**16**

Directed Electives (Software, Design, or Media)
Contact Art and Applied Design Dept. for additional choices

Software

CIS 125G Software Tools 1: Game Development	4
CIS 135W Advanced Computer Applications: Web 2.0	3
CS 120 Concepts of Computing	4
CS 133G Beginning C++ Programming for Games	4
CS 133JS Beginning Programming: JavaScript	4
CS 195 Web Authoring 1	3
CS 295A Web Development 1: ASP.NET	4
CS 295P Web Development 1: PHP	4

Design

ART 116 Basic Design: Color	3
ART 119 Typography	3
ART 216 Digital Design Tools	4
ART 225 Digital Illustration	3
ART 231 Intermediate Drawing	3
ART 234 Figure Drawing	3
ART 290 Design Concepts for the Web	3

Media

ART 262 Photography 2	3
FA 221 Computer Animation	3
FA 222 Computer Animation 2	3
FA 254 Fundamentals of Lighting	3
FA 255 Understanding Movies: American Cinema	3
FA 256 Lighting for Photography	3
J134 Photojournalism	3
J234 Photojournalism 2	4
MDP 248 Multimedia Production 3	4
MUL 214 Digital Photography	3
MUL 216 Multimedia for the Web	3
MUL 218 Business Practices for Media Arts	2
MUS 119 Music Technology MIDI/Audio 2	4
MUS 298 IS: Music Technology	1-6

One-Year Certificate in Web Design

Purpose The Web Design certificate is for students considering entry-level positions in web design and production, new media design, or positions with a focus on designing for the web. The listing below includes required art, multimedia, and computer technology courses, as well as required general education courses.

Learning Outcomes Graduates will:

- develop proficiency in multiple forms of media design which includes writing for the web, graphic and web design, working with visual imagery, video, sound and animation.
- understand the concept, potential and implications of communicating ideas using computer-based interactive media technology.
- become proficient in developing and applying effective visual design strategies for creating web sites, interactive multimedia, animation, games, and computer-based training for deliver over the Internet, DVD's and CD-Rom. Develop additional skills in one or more elective area: software, design, or media.
- understand the concepts of media and its effect on society, and how to use media ethically.
- learn to use appropriate library and information resources to research media topics and issues, concepts and tools, and support lifelong technical and aesthetic learning.
- manipulate variables using computer software applications.

Program Coordinator Jefferson Goolsby, Bldg. 17, Rm. 105

	Fall
ART 115 Basic Design: Fundamentals D,G	3
MUL 212 Digital Imaging D,G	3
WR 121 Introduction to Academic Writing B,G	4
CIS 135W Advanced Computer Applications: Web 2.0 D,G	3
CS 195 Web Authoring 1 D,G	3
Total Credits	**16**

	Winter
CS 133JS Beginning Programming: JavaScript D,G	4
ART 245 Drawing for Media G	4
ART 289 Web Production Tools D,G	3
MTH 060 Beginning Algebra or higher math G	4
Total Credits	**15**

	Spring
CS 295P Web Development 1:PHP *,D,G	4
MUL 216 Multimedia for the Web *,D,G	3
ART 290 Design Concepts for the Web*,D,G	3
ART 151A Media Graphics D,G	3
CG 203 Human Relations at Work G	3
Total Credits	**16**

Standard footnotes:
* Prerequisite required
B Must be passed with grade of "B" or better to use as a prerequisite

D Degree or certificate requirement; must be passed with grade of "C-" or better
G Must be taken for a grade, not P/NP; major requirement
R Required for AAS degree