Mission: To teach digital design applications, including design thinking with exposure to additive and subtractive fabrication software and data-driven devices used in the industry. Both of these CTE programs include classes that teach skills for the graphic design, sign and digital graphics industries. At North, we have two Program of Study options in Digital Arts and Media: The state-approved Program of Study or the International Baccalaureate Career Related Program, which has additional required classes and challenges to inspire student connectivity to the community and the world. You can compare the two programs using the table below.

Students earn 3 credits* of College Now (CN) at Lane Community College

3 college credits: Digital Media Design is articulated with LCC’s Art 216 (two trimesters @ NEHS) and

* denotes a reduction from 4 credits each in 2017-2018.

Credit for Art 216 is applicable to the following LCC degrees or certificates, click link or see page indicated:

Page 3... 2-year Associate of Applied Science degree in Graphic Design
Page 5... 2-year Associate of Applied Science degree in Multimedia Design
Page 6... 1-year Certificate of Completion in Multimedia Design
Page 7... 1-year Certificate of Completion in Web Design

All students may take art and design classes as electives. Students may opt to complete one of several programs at North to distinguish themselves in the workforce, to round out their skill set, or simply to get started earning credit toward a community college program. Students who plan on attending LCC can currently earn 3 credits for free at NEHS with no book fees, and apply those credits to one of the above certificates or degrees.

<table>
<thead>
<tr>
<th>State Career Technical Program of Study 3 credits</th>
<th>International Baccalaureate Career Program 4 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses: Digital Media Design A and B (1 credit) CN Digital Photography (0.5 credit)</td>
<td>Required Courses: Digital Media Design A and B (1 credit) CN Digital Photography (0.5 credit)</td>
</tr>
<tr>
<td>Pass Lane County Technical Skills Assessment</td>
<td>Pass Lane County Technical Skills Assessment</td>
</tr>
<tr>
<td>Student Chooses Two (2) Electives From the following for a total of 1 credit:</td>
<td>Student Chooses Two (2) Electives From the following for a total of 1 credit:</td>
</tr>
<tr>
<td>Intermediate or Advanced Yearbook (0.5 credit each) Digital Sculpting/3D Print Design (0.5 credit) Spanish Immersion Art &amp; Technology (0.5 credit)</td>
<td>Intermediate or Advanced Yearbook (0.5 credit each) Digital Sculpting/3D Print Design (0.5 credit) Spanish Immersion Art &amp; Technology (0.5 credit) Digital Photography (0.5 credit) or Audio/Visual Production (0.5 credit)</td>
</tr>
<tr>
<td>Personal and Professional Skills (11th/12th) 1.0 cred 2 tri</td>
<td>Sign up for and take 2 IB Assessments ie. Lang/Lit and HOTA which most students take</td>
</tr>
<tr>
<td>Community and Service Project</td>
<td>Reflective Project</td>
</tr>
<tr>
<td>Language Development Portfolio (Spanish, Japanese or ASL.)</td>
<td></td>
</tr>
</tbody>
</table>
Digital Arts and Media Program of Study Suggested Elective Pathways

**9TH**
- A Graphic Design
  - Digital Media Design A and B
- Digital Photography

**10TH**
- 3D Art/Design
  - Digital Media Design A and B
- Digital Photography

**11TH**
- Personal/Professional Skills 1
- Personal/Professional Skills 2

**12TH**
- Interim Yearbook
- Advanced Yearbook
- Personal/Professional Skills 1
- Personal/Professional Skills 2
- Spanish Immersion Art and Tech or STEAM2 Product Design
- Digital Sculpture and 3-D Printing
- Audio/Visual Production

Last update 01/19
Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. A minimum of six credits of Co-op in graphic design is required for completion of the graphic design program. Contact Teresa Hughes, Graphic Design Cooperative Education Coordinator, Bldg. 17, Rm. 106, 541.463.3179, hughes@lanecc.edu

Job Openings Projected through 2020
Lane County openings - 11 annually
Statewide openings - 1328 annually

Wages
Lane County average hourly - $21.56; average annual - $44,834
Oregon average hourly - $24.27 average annual - $50,481

Costs
Instruments/Tools ................................................................. $1,500
Resident Tuition and General Student Fees ....................... $9,006

Total Estimated Cost $10,506

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements
• Foundational Skills and Discipline Studies courses can be taken P/NP or for a letter grade of C- or higher: WR 121, WR 121_H, MTH 60, CG 203, Science, and Health/PE.

Purpose To prepare graduates for entry-level positions in the fields of graphic and digital design.

Learning Outcomes The student who successfully completes all Graphic Design requirements will:
• design a variety of graphic materials including advertising, corporate identity, publications, packaging, signage, marketing, and the Internet.
• solve graphic communication problems through the use of computer technology used in the field.
• demonstrate understanding of fundamental art, communication, and marketing principles in the development of design solutions.
• demonstrate understanding of professional business standards and practices.
• demonstrate ability to design and produce materials that will meet professional standards for reproduction.
• use appropriate library and information resources to research design problems, issues, and technology as well as to support lifelong technical learning.

Admission Information Open admission for first year. Limited admission for second year. See lanecc.edu/mediaarts/graphicdesign/second-year-graphic-design-program.

To request this information in an alternate format please contact the Center for Accessible Resources at (541) 463-5150 or accessibleresources@lanecc.edu.
Multimedia Design

2017 – 2018
Career and Technical Programs
Arts Division
541.463.5409
lanecc.edu

Program Coordinator: Contact Arts Division, Bldg. 11, Room 101

Purpose: To prepare graduates for entry-level positions in media arts industries and careers in multimedia design and production.

Learning Outcomes: The student who successfully completes all Multimedia Design requirements will:

- become proficient in developing and applying effective visual design and production strategies for creating multimedia, film/video, animation, games, web sites, and photography for business, education, and entertainment industries.
- produce, manipulate, and process digital content using computer software applications.
- design digital projects incorporating multiple forms of media such as text, graphics, audio, video, and animation.
- have additional skills in one or more elective areas: software, design, or media production.
- understand the concepts, potential and implications of communicating ideas using multimedia technologies.
- use appropriate library and information resources to research media issues, concepts and tools, and support lifelong technical learning.

Cooperative Education (Co-op): Opportunities to work directly in media industries 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.

Job Openings Projected through 2020
Lane County Openings - 4 annually
Statewide openings - 37 annually

Wages
Lane County average hourly - $36.24; average annual - $64,969
Oregon average hourly - $36.59; average annual - $76,115

Costs: (Estimate based on 2013-14 tuition and fees. Consult Lane’s website for updated tuition.) Multimedia Design courses fees and other course fees may change during the year - see the online credit class schedule for fees assigned to courses.

<table>
<thead>
<tr>
<th>Books</th>
<th>$1,700</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident Tuition and General Student Fees</td>
<td>$9,006</td>
</tr>
<tr>
<td><strong>Total Estimated Cost</strong></td>
<td><strong>$10,706</strong></td>
</tr>
</tbody>
</table>

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements:

- Foundational Skills and Discipline Studies courses can be taken P/NP or for a letter grade of C- or higher: WR 121, MTH 60, CG 203, Science, and Health/PE.
- All major courses must be taken for a letter grade, not P/NP.
- Major courses that serve as a prerequisite in a sequence must be passed with a B- or higher: FA 250, MUL 105, AUD 120, ART 216, VP 151, MUL 212, VP 152, MUL 210, FA 281, and MDP 246. All remaining major courses must be passed with a C- or higher.
- Students must earn a grade of ‘B’ or better in all prerequisite (s) and ‘C’- or better in major requirements.

First Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>MUL 101 Introduction to Media Arts</td>
<td>3</td>
</tr>
<tr>
<td>Fall</td>
<td>FA 250 Concepts of Visual Literacy</td>
<td>3</td>
</tr>
<tr>
<td>Fall</td>
<td>MUL 103 Time-Based Tools</td>
<td>4</td>
</tr>
<tr>
<td>Fall</td>
<td>MUL 105 Digital Photography</td>
<td>4</td>
</tr>
<tr>
<td>Fall</td>
<td>Choice of: Physical Education Activity requirement or Health Requirement</td>
<td>3</td>
</tr>
<tr>
<td>Winter</td>
<td>AUD 120 Audio Production</td>
<td>4</td>
</tr>
<tr>
<td>Winter</td>
<td>ART 131 Introduction to Drawing</td>
<td>3</td>
</tr>
<tr>
<td>Winter</td>
<td>ART 216 Design Tools</td>
<td>4</td>
</tr>
<tr>
<td>Winter</td>
<td>ART 115 Basic Design: Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>Winter</td>
<td>MUL 218 Business Practices for Media Arts</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring</td>
<td>FA 221 Computer Animation</td>
<td>4</td>
</tr>
<tr>
<td>Spring</td>
<td>ART 245 Drawing for Media</td>
<td>4</td>
</tr>
<tr>
<td>Spring</td>
<td>MUL 212 Digital Imaging</td>
<td>4</td>
</tr>
<tr>
<td>Spring</td>
<td>Choice of: WR 121 Academic Composition or WR121_H Academic Composition: Honors</td>
<td>4</td>
</tr>
</tbody>
</table>

Second Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>Directed Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>Fall</td>
<td>FA 261 Writing for Interactive Design</td>
<td>3</td>
</tr>
<tr>
<td>Fall</td>
<td>ART 289 Web Production</td>
<td>3</td>
</tr>
<tr>
<td>Fall</td>
<td>VP 151 Video Production 1: Camera</td>
<td>3</td>
</tr>
<tr>
<td>Fall</td>
<td>MUL 210 Multimedia Design</td>
<td>3</td>
</tr>
<tr>
<td>Winter</td>
<td>CG 203 Human Relations at Work</td>
<td>3</td>
</tr>
<tr>
<td>Winter</td>
<td>Science, Math, Computer Science Requirement</td>
<td>4</td>
</tr>
<tr>
<td>Winter</td>
<td>MDP 246 Multimedia Production 1</td>
<td>4</td>
</tr>
<tr>
<td>Winter</td>
<td>MDP 280 Co-op Ed: Multimedia</td>
<td>3</td>
</tr>
<tr>
<td>Winter</td>
<td>VP 152 Video Production 2: Editing</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring</td>
<td>Directed Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>Spring</td>
<td>MTH 60 Beginning Algebra or Higher Math or Higher</td>
<td>4</td>
</tr>
<tr>
<td>Spring</td>
<td>MDP 247 Multimedia Production 2</td>
<td>4</td>
</tr>
<tr>
<td>Spring</td>
<td>MDP 280 Co-op Ed: Multimedia</td>
<td>3</td>
</tr>
</tbody>
</table>

Directed Electives

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 125G Software Tools 1: Game Development</td>
<td></td>
</tr>
<tr>
<td>CIS 195 Web Authoring</td>
<td>1</td>
</tr>
<tr>
<td>CIS 125 W Software Tools 1: Web</td>
<td></td>
</tr>
<tr>
<td>CS 120 Concepts of Computing</td>
<td></td>
</tr>
<tr>
<td>CS 133 JS Beginning Programming: Java Script</td>
<td></td>
</tr>
<tr>
<td>CS 161C+ Computer Science</td>
<td></td>
</tr>
<tr>
<td>CS 295N Web Development 1: ASP.NET</td>
<td></td>
</tr>
<tr>
<td>CS 295P Web Development 1: PHP</td>
<td>3-4</td>
</tr>
</tbody>
</table>
Multimedia Design

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

Media
ARH220 Documentary Photography
ART 261 Photography
FA 222 Computer Animation 2
FA 254 Fundamentals of Lighting
FA 255 Understanding Movies: American Cinema
FA 256 Lighting for Photography
J 134 Photojournalism
J 234 Photojournalism 2
MDP 248 Multimedia Production 3
MUL 208 Motion Capture for Animation
MUS 119 Music Technology MIDI/Audio 2....................... 3-4

Multimedia Design
Offered by Art and Applied Design, 541.463.5409

One-Year Certificate of Completion

Program Coordinator Contact Arts Division, Bldg. 11, Rm. 101

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

Learning Outcomes The student who successfully completes all Multimedia Design requirements will:
- understand the concepts, potential, and implications of communicating ideas using computer-based media technology.
- become proficient in developing and applying effective visual design strategies for creating interactive multimedia, animation, games, web sites, and photography for business, education, and entertainment industries.
- use appropriate library and information resources to research media issues, concepts and tools, and support lifelong technical learning.
- design digital projects incorporating multiple forms of media such as text, graphics, audio, video, and animation.
- produce, manipulate, and process digital content using computer software applications.

Job Openings Projected through 2020
Lane County Openings- 4 annually
Statewide openings - 37 annually

Wages
Lane County average hourly - $31.24; average annual - $64,969
Oregon average hourly - $36.58; average annual - $76,115

Costs (Estimates based on 2013-14 data for full-time students. Students attending part-time will incur additional term fees. Consult Lane’s website for updated tuition and fees.)
Books .......................................................... $1,700
Resident Tuition and General Student Fees ......................... $6,983
Total Estimated Cost $8,683
*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Gainful Employment Disclosure
27-1014.00
Standard Occupational Classification: 27-1014.00 Go to the Department of Labor’s O*Net website for a profile of this occupation: Multimedia Artists and Animators onetonline.org/link/summary/24-1014.00

In academic year 2014-15, 8 students completed this certificate.
The program is designed to take 4 terms, or about 15 months of study to complete.
Lane Community College is committed to protecting student privacy and does not publish this rate for fewer than 10 graduates.
For privacy reasons under FERPA, loan information is not disclosed for programs with fewer than 10 graduates in the reported year.

Explanation of costs: lanec.edu/esfs/credit-fees-and-expenses

Course Requirements
- Foundational Skills and Discipline Studies courses can be taken P/NP or for a letter grade of C- or higher: WR 121, WR 121_H, MTH 60, and CG 203.
- All major courses must be taken for a letter grade, not P/NP
- Major courses that serve as a prerequisite in a sequence must be passed with a B- or higher : CIS 195, ART 216, ART 289, and MUL 212. All remaining major courses must be passed with a C- or higher.

Fall
Choice of:
WR 121 Academic Composition or
WR121_H Academic Composition: Honors ...................... 4
MUL 105 Digital Photography ............................................... 4
FA 250 Concepts of Visual Literacy ....................................... 3
MUL 103 Time-Based Tools .................................................... 4
MUL 101 Introduction to Media Arts .................................... 3

Winter
AUD 120 Audio Production ................................................... 4
ART 115 Basic Design: Fundamentals ................................. 3
ART 245 Drawing for Media .................................................. 4
Choice of:
Physical Education Activity Requirement
Health Requirement ............................................................ 3
ART 216 Digital Design Tools ............................................... 4

Spring
FA 221 Computer Animation................................................. 4
MTH 060 Beginning Algebra or higher............................... 4
CG 203 Human Relations at Work...................................... 3
VP 151 Video Production 1: Camera .................................. 3
Science, Math, Computer Science course .......................... 3-4
## Web Design

**Offered by Art and Applied Design, 541.463.5409**

**One-Year Certificate of Completion**

**Program Coordinator** Contact the Arts Division, Bldg. 11, Rm 101.

**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, and online content.

**Learning Outcomes** The student who successfully completes all Web Design requirements will:

- 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.
- understand the concepts of media and its effect on society, and how to use media ethically.
- 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 areas: software, design, or media.
- develop proficiency in multiple forms of media design which includes writing for the web, graphic and web design, online content, working with visual imagery, video, sound and animation.

**Job Openings Projected through 2020**

- Lane County: 4
- Statewide: 43

**Wages**

- Lane County hourly average - $35.18; annual average - $73,172
- Oregon hourly average - $31.18; annual average - $64,849

**Costs**

<table>
<thead>
<tr>
<th>Books</th>
<th>$1,700</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident Tuition and General Student Fees</td>
<td>$6,173</td>
</tr>
<tr>
<td><strong>Total Estimated Cost</strong></td>
<td><strong>$7,873</strong></td>
</tr>
</tbody>
</table>

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

### Gainful Employment Disclosure

15-1199.03

Standard Occupational Classification: 15-1199.03 Go to the Department of Labor’s O*Net website for a profile of this occupation: Web Administrators onetonline.org/link/summary/15-1199.03

In academic year 2014-15, 1 student completed this certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

Lane Community College is committed to protecting student privacy and does not publish this rate for fewer than 10 graduates.

For privacy reasons under FERPA, loan information is not disclosed for programs with fewer than 10 graduates in the reported year.

Explanation of costs: lanec.edu/esfs/credit-fees-and-expenses

### Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- Foundational Skills and Discipline Studies courses can be taken pass/no pass or for a letter grade of C- or better.
- All program core courses must be taken for a letter grade and passed with a minimum grade of C-.
- All program core courses that serve as a prerequisite in a sequence must be taken for a grade of B- or higher (with the exception of WR 121.) See course description for prerequisites.

#### Fall

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 115 Basic Design: Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>CIS 195 Web Authoring 1</td>
<td>3</td>
</tr>
<tr>
<td>ART 216 Digital Design Tools</td>
<td>4</td>
</tr>
<tr>
<td>MTH 60 Beginning Algebra or higher</td>
<td>4</td>
</tr>
</tbody>
</table>

#### Winter

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 245 Drawing for Media</td>
<td>4</td>
</tr>
<tr>
<td>ART 289 Web Production</td>
<td>3</td>
</tr>
<tr>
<td>CS 133 JS Beginning Programming: Java Script</td>
<td>4</td>
</tr>
<tr>
<td>MUL 212 Digital Imaging</td>
<td>4</td>
</tr>
</tbody>
</table>

#### Spring

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 290 Design Concepts for the Web</td>
<td>3</td>
</tr>
<tr>
<td>MUL 218 Business Practices for Media Arts</td>
<td>3</td>
</tr>
<tr>
<td>Choice of:</td>
<td></td>
</tr>
<tr>
<td>WR 121 Academic Composition or WR 121_H Academic Composition: Honors</td>
<td>4</td>
</tr>
<tr>
<td>MUL 280 Co-op Ed: Web Design</td>
<td>3</td>
</tr>
<tr>
<td>CG 203 Human Relations at Work</td>
<td>3</td>
</tr>
</tbody>
</table>
Starting Considerations

Steps to Enroll at LCC
Advising Team
Department Listing

1-Year Certificate of Completion

Multimedia Design [PDF]
CPC Courses

Associate of Applied Science Degree

Multimedia Design [PDF]

Employment

Web Designer
Multimedia Artists & Animators

Articulated Bachelor Degree Transfer Options

There are no current articulation agreements to Bachelor degree programs at this time.

Related Bachelor Degree Options

The following programs provide opportunities for educational advancement. Some credits may transfer.

Specific transfers:
- Bachelor of Arts/Science in Media Arts and Communication: Eastern Oregon University (EOU)
- Bachelor of Arts/Science in Art - Digital Art & Design Minor: Southern Oregon University (SOU)
- Bachelor of Fine Arts in Digital Arts: University of Oregon (UO)

General transfer information:
- LCC Transfer Resources
- Oregon University System
- Oregon Student Access Commission
- Western Interstate Commission for Higher Education