

**Academic Subject Certificate in the Visual Arts
Digital Media Electives Curriculum**

Course Descriptions

ICS 161 Introduction to Computer Graphics (3)

Prerequisite: ICS 101 or BUSN, or consent, or concurrent enrollment in ICS 101 or BUSN 150.
Introduces computer graphics tools and concepts in digital image editing, illustration graphics, print and web design; 2D and 3D animation. *ICS 161 cross-listed as ART 161*

ICS 205 Photoshop/Illustrator (3)

Prerequisite: ICS 101 or BUSN 150, or consent
Introduces the basic tools and features of digital image editing, photo retouching, and color correction of images. Focuses on the fundamental drawing techniques of illustration graphics including pen tool paths, objects, and type. *ICS 205 cross-listed as ART 205*

ICS 214 Fundamentals of Design for Print and Web (3)

Prerequisite: ICS 101 or BUSN 150, or consent
Introduces development principles related to graphic design terminology, tools and media, and layout and design concepts. Topics to include integration of type, images and other design elements, developing computer skills in industry standard computer programs, and study of design development pertaining to color theories, publications, and advertising. Projects will emphasize relating form to content through selection, creation and integration of typographic, digital imaging, illustrative and design elements in print and web environments. *ICS 214 cross-listed as ART 221*

ICS 261 Intermediate Computer Graphics (3)

Prerequisite: ICS 161, or consent
Provides instruction with the tools and concepts of computer graphics utilizing digital media technology. Offers experience that integrates digital image editing, illustration graphics, print publishing, web authoring, 2D and 3D animation. *ICS 261 cross-listed as ART 218*

ART 161 Introduction to Computer Graphics (3)

Prerequisite: ICS 101 or BUSN, or consent, or concurrent enrollment in ICS 101 or BUSN 150.
Introduces computer graphics tools and concepts in digital image editing, illustration graphics, print and web design; 2D and 3D animation. *ART 161 cross-listed as ICS 161*

Art 205 Photoshop/Illustrator (3)

Prerequisite: ICS 101 or BUSN 150, or consent
Introduces the basic tools and features of digital image editing, photo retouching, and color correction of images. Focuses on the fundamental drawing techniques of illustration graphics including pen tool paths, objects, and type. *ART 205 cross-listed as ICS 205*

ART 218 Intermediate Computer Graphics (3)

Prerequisite: ICS 161, or consent
Provides instruction with the tools and concepts of computer graphics utilizing digital media technology. Offers experience that integrates digital image editing, illustration graphics, print publishing, web authoring, 2D and 3D animation. *ART 218 cross-listed as ICS 261*

Art 221 Fundamentals of Design for Print and Web (3)

Prerequisite: ICS 101 or BUSN 150, or consent

Introduces development principles related to graphic design terminology, tools and media, and layout and design concepts. Topics to include integration of type, images and other design elements, developing computer skills in industry standard computer programs, and study of design development pertaining to color theories, publications, and advertising. Projects will emphasize relating form to content through selection, creation and integration of typographic, digital imaging, illustrative and design elements in print and web environments. *ART 221 cross-listed as ICS 214*