

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

This program trains people to use digital tools for employment in design and creative production. Although a degree is not necessary for initial employment, students who complete an AAS degree have a good chance for employment that is profitable.

Students will learn concepts and approaches to technology necessary for lifelong learning. This degree is directed toward designing, producing, and assembling digital assets into professional communications and deliverables.

A graphic designer may design identity and collateral materials (like logos, brochures, advertising materials) or layouts for print publications. Both the web designer and the multimedia designer create graphics and presentations (some interactive) targeted viewing on a screen. The animation designer creates both 2D and 3D assets and presentations.

STUDENT LEARNING OUTCOMES - Graduates of this program will have the opportunity to:

- Demonstrate communication, critical thinking, design, technological and production skills dealing with producing creative work destined for the print, screen, and/or the Web.
- Produce vector and bitmap content and presentations using Adobe software.
- Develop a customized professional portfolio of his or her work.
- Demonstrate basic design, illustration, topography, and layout skills in a particular Concentration.
- Use a variety of techniques and applications to render graphics in 2D and 3D presentations.

GENERAL EDUCATION REQUIREMENTS (25 Credits):

Continued from previous column.

	CR	SEMESTER
COMMUNICATIONS: BUS 108, COM 101, 102, 215, ENG 100, 101, 102, 107, 113, 114, 205, JOUR 102, THTR 105	3-5	_____
ENGLISH: ENG 100, 101, 107, 113	3-5	_____
HUMAN RELATIONS: ALS 101, ANTH 101, 112, 201, 205, HIST 105, 106, 107, 150, 151, 210, 247, 260, HMS 130, 135B, 265B, MGT 100B, 283, PHIL 135, PSC 201, PSY 101, 102, 207, 208, 261, SOC	3	_____
MATHEMATICS: MATH 120 or above (except MATH 122, 123)	3	_____
SCIENCE: AST, BIOL, CHEM, EGG 131, 132, ENV, GEOG 103, 104, 117, GEOL, HHP 123B, 124B, PHYS	6	_____
FINE ARTS/HUMANITIES/ SOCIAL SCIENCES: AM, ANTH, ART, COM, ECON, ENG 223 or above, GEOG 106 or above, HIST, International Languages, Music, PHIL, PSC, PSY, SOC, THTR, WMST 113	3	_____
U.S. AND NEVADA CONSTITUTIONS: PSC 101 or HIST 101 and HIST 102 or HIST 101 and HIST 217	4-6	_____

	CR	SEMESTER
GRC 156B Computer Illustration I	3	_____
GRC 183B Electronic Imaging I	3	_____
GRC 294B Portfolio Workshop	3	_____

Select a GRC Concentration from the list below (12 Credits):

FOR ANIMATION DESIGN:

GRC 158 Cartooning	3	_____
GRC 185 Computer Animation I	3	_____
GRC 188 Web Animation and Interactivity I	3	_____
GRC 288B Web Animation and Interactivity II	3	_____

FOR GRAPHIC DESIGN:

GRC 104 Layout and Typography Fundamentals	3	_____
GRC 140 Print Production with InDesign	3	_____
GRC 207 Electronic Design	3	_____
GRC 278B Electronic Prepress	3	_____

FOR MULTIMEDIA DESIGN:

GRC 179 Multimedia Design and Production I	3	_____
GRC 188 Web Animation and Interactivity I	3	_____
GRC 279B Multimedia Design and Production II	3	_____
PHO 214 Videography and Film I	3	_____

FOR WEB DESIGN:

GRC 175B Web Design and Publishing I	3	_____
GRC 188 Web Animation and Interactivity I	3	_____
GRC 275B Web Design and Publishing II	3	_____
GRC 276B Web Design and Publishing III	3	_____

Plus 6 credits or any 2 courses from the following:

ART 101 Drawing I	3	_____
CIT 151 Beginning Web Development	3	_____
CIT 152 Web Script Language Programming	3	_____
PHO 170 Beginning Photography	3	_____
PHO 214 Videography and Film I	3	_____
PHO 220B Video Digital Editing	3	_____

Any course with GRC prefix 3-6 _____

SPECIAL PROGRAM REQUIREMENTS (42 Credits):

	CR	SEMESTER
GRC 101 Introduction to Graphic Communications	3	_____
GRC 103 Introduction to Computer Graphics	3	_____
GRC 107 Design Fundamentals	3	_____
GRC 110 Rendering and Illustration	3	_____
GRC 119 Computer Graphics/Digital Media	3	_____

Continued in next column.

NOTE: Courses with a B suffix (example - XYZ 123B) may be non-transferable for a NSHE baccalaureate degree.

GRC-AAS

67
Total Credits

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.

Guided Pathway
Associate of Applied Science Degree
Graphic Communications/Animation Design
Total Credits – 67 credits
2014-2015 Catalog

First Semester	Requirement	Credit Hours	Term
English Composition	ENG 100, 101, 107, 113	3	
Intro to Graphic Comm.	GRC 101	3	
Intro to Comp. Graphics	GRC 103	3	
Mathematics	Math 120 or above	3	
Cartooning	GRC 158	3	
	TOTAL	15	
Second Semester	Requirement	Credit Hours	Term
Human Relations	See Degree Sheet	3	
Communications	See Degree Sheet	3	
Design Fundamentals	GRC 107	3	
Rendering and Illustration	GRC 110	3	
Digital Media	GRC 119	3	
Program Elective	See Degree Sheet	3	
	TOTAL	18	
Third Semester	Requirement	Credit Hours	Term
Natural Science.	See Degree Sheet	3	
US and NV Constitution	See Degree Sheet	4	
Computer Animation I	GRC 185	3	
Computer illustration I	GRC 156	3	
Web Animation and Interactivity I	GRC188	3	
	TOTAL	16	
Fourth Semester	Requirement	Credit Hours	Term
Natural Science	See Degree Sheet	3	
Fine Arts/Human/Soc. Sci.	See Degree Sheet	3	
Portfolio Workshop	GRC 294	3	
Web Animation and InteractivityII	GRC 288	3	
Electronic Imaging 1	GRC 183	3	
Program Elective	GRC 205 (not in catalog)	3	
	TOTAL	18	
	Degree TOTAL	67	

Guided Pathway
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Graphic Communications/Graphic Design
Total Credits – 67 credits
2014-2015 Catalog

First Semester	Requirement	Credit Hours	Term
English Composition	ENG 100, 101, 107, 113	3	
Intro to Graphic Comm.	GRC 101	3	
Intro to Comp. Graphics	GRC 103	3	
Mathematics	Math 120 or above	3	
Layout and Typography	GRC 104	3	
	TOTAL	15	
Second Semester	Requirement	Credit Hours	Term
Human Relations	See Degree Sheet	3	
Communications	See Degree Sheet	3	
Design Fundamentals	GRC 107	3	
Rendering and Illustration	GRC 110	3	
Digital Media	GRC 119	3	
Program Elective	See Degree Sheet	3	
	TOTAL	18	
Third Semester	Requirement	Credit Hours	Term
Natural Science.	See Degree Sheet	3	
US and NV Constitution	See Degree Sheet	4	
Print Production with InDesign	GRC 140	3	
Computer illustration 1	GRC 156	3	
Electronic Design	GRC 207	3	
	TOTAL	16	
Fourth Semester	Requirement	Credit Hours	Term
Natural Science	See Degree Sheet	3	
Fine Arts/Human/Soc. Sci.	See Degree Sheet	3	
Portfolio Workshop	GRC 294	3	
Electronic Prepress	GRC 278	3	
Electronic Imaging 1	GRC 183	3	
Program Elective	GRC 205 (not in catalog)	3	
	TOTAL	18	
	Degree TOTAL	67	

Guided Pathway
Associate of Applied Science Degree
Graphic Communications/Multimedia Design
Total Credits – 67 credits
2014-2015 Catalog

First Semester	Requirement	Credit Hours	Term
English Composition	ENG 100, 101, 107, 113	3	
Intro to Graphic Comm.	GRC 101	3	
Intro to Comp. Graphics	GRC 103	3	
Mathematics	Math 120 or above	3	
Multimedia Design and Production I	GRC 179	3	
	TOTAL	15	
Second Semester	Requirement	Credit Hours	Term
Human Relations	See Degree Sheet	3	
Communications	See Degree Sheet	3	
Design Fundamentals	GRC 107	3	
Rendering and Illustration	GRC 110	3	
Digital Media	GRC 119	3	
Program Elective	See Degree Sheet	3	
	TOTAL	18	
Third Semester	Requirement	Credit Hours	Term
Natural Science.	See Degree Sheet	3	
US and NV Constitution	See Degree Sheet	4	
Web Animation and Interactivity I	GRC 188	3	
Computer illustration I	GRC 156	3	
Multimedia Design and Production II	GRC 279	3	
	TOTAL	16	
Fourth Semester	Requirement	Credit Hours	Term
Natural Science	See Degree Sheet	3	
Fine Arts/Human/Soc. Sci.	See Degree Sheet	3	
Portfolio Workshop	GRC 294	3	
Videography and Film I	PHO 214	3	
Electronic Imaging 1	GRC 183	3	
Program Elective	GRC 205 (not in catalog)	3	
	TOTAL	18	
	Degree TOTAL	67	

Guided Pathway
Associate of Applied Science Degree
Graphic Communications/WEB Design
Total Credits – 67 credits
2014-2015 Catalog

First Semester	Requirement	Credit Hours	Term
English Composition	ENG 100, 101, 107, 113	3	
Intro to Graphic Comm.	GRC 101	3	
Intro to Comp. Graphics	GRC 103	3	
Mathematics	Math 120 or above	3	
WEB Animation and Interactivity	GRC 188	3	
	TOTAL	15	
Second Semester	Requirement	Credit Hours	Term
Human Relations	See Degree Sheet	3	
Communications	See Degree Sheet	3	
Design Fundamentals	GRC 107	3	
Rendering and Illustration	GRC 110	3	
Digital Media	GRC 119	3	
Web Design and Publishing 1	GRC 175	3	
	TOTAL	18	
Third Semester	Requirement	Credit Hours	Term
Natural Science.	See Degree Sheet	3	
US and NV Constitution	See Degree Sheet	4	
Program Elective	See Degree Sheet	3	
Computer illustration 1	GRC 156	3	
Web Design and Publishing II	GRC 275	3	
	TOTAL	16	
Fourth Semester	Requirement	Credit Hours	Term
Natural Science	See Degree Sheet	3	
Fine Arts/Human/Soc. Sci.	See Degree Sheet	3	
Portfolio Workshop	GRC 294	3	
Web Design and Publishing III	GRC 276	3	
Electronic Imaging 1	GRC 183	3	
Program Elective	See Degree Sheet	3	
	TOTAL	18	
	Degree TOTAL	67	