

**Career Pathway**

**Associate in Applied Science Degree in Computer Graphics**

**Program Purpose:** Graduates will demonstrate (1) basic knowledge in computer graphics that will prepare them to obtain an entry-level position in the field of computer graphics, printing, and digital imaging and (2) competency in communication, critical thinking, quantitative analysis, and technological applications.

**Program Description:** The program is designed to provide the underpinning graphics training needed for a wide variety of graphics professions: graphic designers, illustrations, desktop publishing specialists, production artists, multimedia specialists, digital photographers, computer artists, and web designers. This program focuses on both industry standard software training and design theory.

**What's *your* career path?**



**Graphic Designer?  
Chief Designer?  
College Degree?**

Related Degree Programs
<p><b>Arizona State University:</b> Bachelor of Science in Design (B.S.D) in Graphic Design, Bachelor of Science (B.S.) in Graphic Information Technology</p>

Related Occupations Based on Level of Education	
Community College or Technical School	Graphic Designer Assistant, Freelance work
4-yr College or University	Graphic Designer, Chief Designer, Art or Creative Director
Salary Range	\$24,000 - \$70,000 a year



Yuma/La Paz Tech Prep Consortium  
P.O. Box 929 • Yuma, Arizona 85366  
(928) 344-7754 • Fax: (928) 317-6108




Student Name: \_\_\_\_\_

School: \_\_\_\_\_

Counselor Name: \_\_\_\_\_

## Career Pathway

### Associate in Applied Science Degree in Computer Graphics

GRADE	English/ Language Arts	Math	Phys Ed, Health, Social Studies	Science	Program Electives	Total Credits	Related CTSO Program	Notes	
8th grade parent / student night - Take Career Interest Survey									
SECONDARY	Freshman	English I	Algebra I	↻ Physical Education I ↻ Health	Biology	Computer Applications I Computer Applications II	Photography I	6	
	Sophomore	English II	Algebra II	World History	Chemistry	Business Mgmt Principles Physical Education II	Graphic Communication	6	
In 10th grade, assess for college readiness by taking the AWC Accuplacer (college placement test)									
Junior	English III	Geometry	US History	Physics	Marketing	Advanced Graphic Communication	6		
In 11th grade, assess for college readiness by taking the AWC Accuplacer (college placement test)									
Senior	English IV	Math Analysis	↻ Government ↻ Economics	Cooperative Business Education	On-the-Job Training	On-the-Job Training	6	24 Total Credits	

### Courses needed to complete A.A.S. in Computer Graphics at Arizona Western College

GRADE	Freshman Composition	Math	Social & Behavioral Sciences	Arts & Humanities	Physical & Biological Sciences	Major Requirements	Total Credits	Notes	
1st Semester (Fall)	ENG 101: Freshman Composition I (3 cr)	■ MAT 105 (completed during high school)				◆ GRA 101: Graphic Communications 1 (4 cr)	GRA 103: Computer Illustration (4 cr)	◆ GRA 104: Digital Imaging 1 (4 cr)	18 (3 completed during high school)
2nd Semester (Spring)	ENG 102: Freshman Composition II (3 cr)					▼ GRA 102: Graphic Communications 2 (4 cr)	GRA 205: Principles of Animation (3 cr)	▼ GRA 105: Digital Imaging 2 (4 cr)	14
3rd Semester (Fall)			Social and Behavioral Sciences (3 cr)	Arts/Humanities (3 cr)		▼ GRA 203: 3-D Modeling and Surfacing (4 cr)	GRA 106: Page Composition (3 cr)	▼ GRA 201: Interactivity and Graphics (3 cr)	16
4th Semester (Spring)	Options (2 cr)				Physical & Biological Sciences (4 cr)	GRA 204: Advanced 3-D Graphics (4 cr)	GRA 206: Portfolio and Career Management (3 cr)	▼ GRA 202: Advanced Interactivity (3 cr)	16
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="display: flex; gap: 10px;"> <div style="background-color: #90ee90; width: 15px; height: 15px; border: 1px solid black;"></div> Electives</div> <div style="background-color: #ffff00; width: 15px; height: 15px; border: 1px solid black;"></div> Required</div> <div style="background-color: #90ee90; width: 15px; height: 15px; border: 1px solid black;"></div> A.A.S. General Requirement									