



### GUIDED PATHWAY

The following sequence is the suggested pathway to complete the degree in two years. This sequence is based on satisfaction of all basic skills requirements and prerequisites and presumes a fall start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your academic advisor for other options and to monitor your progress.

**Program Name: Computer Graphics and Web Design Certificate**

**Program Student Learning Outcomes (SLOs):**

1. Design web sites that include graphics, hyperlinks, and formatted text that are best suited to the defined target audience. (1, 2, 4, 6)
2. Apply the features of standard application packages, such as digital imaging and desktop publishing software, to produce brochures, catalogs, and web images. (5, 6)
3. Evaluate software alternatives when planning a graphic project within the system development framework. (3, 5)

Courses – Asterisk (*) indicates required program courses	AGEC course?	Terms	Credits
---	--------------	-------	---------

**First Semester: Fall**

CIS 110*	Yes	F, SP, SU	3
CIS 142*		F	3
CIS 143*		F, SP	3
CIS 156		F	3

**Second Semester: Spring**

BUE 165		SP	3
CIS 243*		SP, SU	3

G=on ground instruction

**Key:**

SP= Spring O= online

F= Fall

SU= Summer

1. Aesthetic Sensibilities: An awareness of creative expression in the world around us.  
All=All modalities

2. Communication Skills: The ability to effectively convey meaning through various media on P=Plural both personal and professional levels.

3. Critical Thinking Skills and Problem-Solving: The ability to analyze data and arrive at logical and defensible conclusions.

4. Cultural Diversity and Global Awareness: An appreciation of relationships and differences in values, customs, and norms of diverse global communities.

5. Techniques of Inquiry: Use of standardized methodological framework to collect, analyze, interpret, and present findings.

6. Technological Competency: A proficiency in evolving technology to compete and flourish in society.

**Total credits**

**18**

Course Options:

In place of CIS 156, students may choose CIS 206.