

Palomar College Catalog 2009-2010

Graphic Communications - Imaging & Publishing (GCIP)

See also **Graphic Communications and
Graphic Communications - Multimedia & Web**

Contact the Graphic Communications Department for further information.
(760) 744-1150, ext. 2452

Office: GJ-6

For transfer information, consult a Palomar College Counselor.

Associate in Arts Degrees -

AA Degree requirements are listed in Section 6 (green pages).

- Digital Imaging
- Graphic Communications - Emphasis in Electronic Publishing
- Graphic Communications - Emphasis in Management
- Graphic Communications - Emphasis in Production
- Screen Printing

Certificates of Achievement -

Certificate of Achievement requirements are listed in Section 6 (green pages).

- Digital Imaging
- Graphic Communications - Emphasis in Electronic Publishing
- Graphic Communications - Emphasis in Management
- Graphic Communications - Emphasis in Production
- Screen Printing

Certificates of Proficiency -

Certificate of Proficiency requirements are listed in Section 6 (green pages).

- Digital Arts
- Digital Prepress Operator
- Digital Publishing
- Electronic Publisher
- Screen Printer

Digital Arts

Specific skills for the Digital Arts certificate include graphic design methodologies, including the design process, output production and presentation. The certificate prepares students to gain competence with the industry standard for digital imaging: Adobe Photoshop. Color, resolution, input and output, production process, photography and creativity are core competencies. Upon completion of the certificate, the student may find a job as a production artist, illustrator, graphic artist, or in digital imaging.

CERTIFICATE OF PROFICIENCY

Program Requirements		Units
ARTD 150	Digital Concepts/Techniques in Art	3
GCIP/		
R GCIP 140	Digital Imaging/Photoshop I	3
GCIP 141	Digital Imaging/Photoshop II	3
GCIP 240	Digital Imaging/Photoshop III	3
PHOT 230	Digital Darkroom	3.5
TOTAL UNITS		15.5

Digital Imaging

Prepares students for entry-level position as creator and processor of digital imagery. Layout and creative position in multimedia, internet publishing, digital video, publishing, photography, and motion graphics.

Digital imaging is one of the basic requirements for all electronic communication delivery systems.

A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements		Units
GCIP 122	Painter I	3
GCIP/		

R GCIP 140	Digital Imaging/Photoshop I	3
GCIP 141	Digital Imaging/Photoshop II	3
GCIP 240	Digital Imaging/Photoshop III	3
GCMW 203	Web Multimedia	3
GCMW 204	Motion Graphics for Multimedia	3
GCMW 205	Digital Video for Multimedia	3
PHOT 100	Elementary Photography	3.5
PHOT 230	Digital Darkroom	3.5

TOTAL UNITS 28

Digital Imaging A.A. Degree Major or Certificate of Achievement is also listed under Photography.

Digital Prepress Operator

Prepares students to pursue entry-level employment in the printing industry in prepress, press, and finishing processes.

CERTIFICATE OF PROFICIENCY

Program Requirements		Units
GCIP 180	Digital Prepress and Press I	3
GCIP 182	Digital Prepress and Press II	3
GCIP 280	Digital Prepress and Press III	3

TOTAL UNITS 9

Digital Publishing

Designed to meet the increasing needs of organizations and businesses that distribute publications in both electronic and print media. Specific skills for the Digital Publishing certificate include typography, visual acuity, graphic design and layout. The certificate prepares students to gain competence with the basic applications used in industry for digital graphics and electronic publishing. Teamwork, problem solving, workflow and production process, communication and creativity are core competencies. Upon completion of the certificate, the student may find a job as a production artist, illustrator, graphic artist, graphic designer, or in digital imaging.

CERTIFICATE OF PROFICIENCY

Program Requirements		Units
GCIP/		
R GCIP 140	Digital Imaging/Photoshop I	3
GCIP 141	Digital Imaging/Photoshop II	3
GCIP/		
R GCIP 149	Page Layout and Design I	3
GCIP/		
R GCIP 152	Desktop Publishing/Illustrator I	3
GCMW/		
R GCMW 103	Interactive Publishing with PDFs	3

TOTAL UNITS 15

Electronic Publisher

Electronic publishing encompasses computer-based document layout, composition, typography, illustration, scanning, image modification, as well as reproduction and distribution. It has revolutionized print communications. There will be a major growth in this field in the future.

Employment opportunities will be with commercial printers, corporate electronic publishers, small print shops, service bureaus, direct mail companies, magazine publishers, advertising, typographers and compositors, freelance publications, newspaper publishers, marketing and ad agencies, and in-plant printers.

CERTIFICATE OF PROFICIENCY

Required Courses		Units
GCIP 105	Layout for Offset Lithography	3
GCIP/		
R GCIP 140	Digital Imaging/Photoshop I	3
GCIP/		
R GCIP 149	Page Layout and Design I	3

TOTAL UNITS 9

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Graphic Communications

Emphasis in Electronic Publishing

Electronic publishing—which encompasses computer based document layout, composition, typesetting, illustration, scanning, image modification, reproduction, and distribution—has revolutionized print communications. There will be major growth in this field in the future. Employment opportunities will be with commercial printers, corporate electronic publishers, small printers, service bureaus, quick printers, direct mail companies, magazine publishers, advertising, typographers and compositors, freelance publications, newspaper publishers, inplant printers, and other still growing applications.

The 18 units of Program Requirements are the same for Graphic Communications Emphasis in Electronic Publishing, Graphic Communications Emphasis in Management, and Graphic Communications Emphasis in Production. Students may complete one or more of these programs by completing the Program Requirements, Emphasis Requirements and Electives listed for each program.

A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements (18 units)	Units
GC 100 or Graphic Communications	
GC 101 History of Graphic Communications	3
GCIP/	
R GCIP 103 Acrobat for Print	3
GCIP 105 Layout for Offset Lithography	3
GCIP/	
R GCIP 140 Digital Imaging/Photoshop I	3
GCIP/	
R GCIP 149 Page Layout and Design I	3
GCIP 180 Digital Prepress and Press I	3
Emphasis Requirements (9 units)	
ARTD 210 Typography Design	3
GCIP/	
R GCIP 152 Desktop Publishing/Illustrator I	3
GCIP/	
R GCIP 260 Portfolio Development and Presentation	3
Electives (Select one course, 1 – 4 units)	
ARTD 100 Graphic Design I	3
CSIT 105 Computer Concepts and Applications	3
DT 125 AutoCAD Introduction to Computer Aided Drafting	3
GC 102 History of the Book and Publishing: Papyrus to Pixels	3
GCIP 141 Digital Imaging/Photoshop II	3
GCIP 240 Digital Imaging/Photoshop III	3
GCIP 252 Desktop Publishing/Illustrator II	3
GCIP 255 Electronic Package Design	4
GCIP 182 Digital Prepress and Press II	3
GCIP 280 Digital Prepress and Press III	3
GCIP/	
R GCIP 249 Page Layout and Design II	3
GCMW/	
R GCMW 102 Web Page Layout I	3
JOUR 105 Newspaper Production	3
PHOT 100 Elementary Photography	3.5
CE 100* Cooperative Education	1,2,3,4
TOTAL UNITS	28 - 31

*Cooperative Education must be related to this major.

Graphic Communications

Emphasis in Management

Prepares students to pursue employment in the printing industry in prepress, press, and finishing processes.

The 18 units of Program Requirements are the same for Graphic Communications Emphasis in Electronic Publishing, Graphic Communications Emphasis in Management, and Graphic Communications Emphasis in Production. Students may complete one or more of these programs by completing the Program Requirements, Emphasis Requirements and Electives listed for each program.

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A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements (18 units)	Units
GC 100 or Graphic Communications	
GC 101 History of Graphic Communications	3
GCIP/	
R GCIP 103 Acrobat for Print	3
GCIP 105 Layout for Offset Lithography	3
GCIP/	
R GCIP 140 Digital Imaging/Photoshop I	3
GCIP/	
R GCIP 149 Page Layout and Design I	3
GCIP 180 Digital Prepress and Press I	3
Emphasis Requirements (6 units)	
CSIT 105 Computer Concepts and Applications	3
GCIP 182 Digital Prepress and Press II	3
Electives (Select two courses, 4 – 7 units)	
BUS 105 Bookkeeping Fundamentals	4
BUS 115 Business Law	3
BUS 125 Business English	3
BUS 140 Selling for Business	3
BUS 155 Marketing	3
BMGT 105 Small Business Management	3
BMGT 115 Organizational Theory and Design	3
GC 102 History of the Book and Publishing: Papyrus to Pixels	3
GCIP 141 Digital Imaging/Photoshop II	3
GCIP/	
R GCIP 249 Page Layout and Design II	3
GCIP 280 Digital Prepress and Press III	3
CE 100* Cooperative Education	1,2,3,4
TOTAL UNITS	28 - 31

*Cooperative Education must be related to this major.

Graphic Communications

Emphasis in Production

Prepares students to pursue employment in the printing industry in prepress, press, and finishing processes.

The 18 units of Program Requirements are the same for Graphic Communications Emphasis in Electronic Publishing, Graphic Communications Emphasis in Management, and Graphic Communications Emphasis in Production. Students may complete one or more of these programs by completing the Program Requirements, Emphasis Requirements and Electives listed for each program.

A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements (18 units)	Units
GC 100 or Graphic Communications	
GC 101 History of Graphic Communications	3
GCIP/	
R GCIP 103 Acrobat for Print	3
GCIP 105 Layout for Offset Lithography	3
GCIP/	
R GCIP 140 Digital Imaging/Photoshop I	3
GCIP/	
R GCIP 149 Page Layout and Design I	3
GCIP 180 Digital Prepress and Press I	3
Emphasis Requirements (6 units)	
GCIP 182 Digital Prepress and Press II	3
GCIP 280 Digital Prepress and Press III	3

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Electives (Select two courses, 4 – 7.5 units)

BUS 125	Business English	3
CSIT 105	Computer Concepts and Applications	3
GC 102	History of the Book and Publishing: Papyrus to Pixels	3
GCIP 141	Digital Imaging/Photoshop II	3
GCIP/ R GCIP 152	Desktop Publishing/Illustrator I	3
JOUR 105	Newspaper Production	3
JOUR 205	Advanced Newspaper Production	3
PHOT 100	Elementary Photography	3.5
CE 100*	Cooperative Education	1,2,3,4

TOTAL UNITS **28 – 31.5**

* Cooperative Education must be related to this major.

Screen Printer

Recent advances in technology have allowed screen printing to compete on a large scale with other printing processes. Productive, challenging careers are growing in the screen printing field at a steady rate. Palomar's screen printing process classes prepare students for duties in project planning, copy preparation, camera operation, screen preparation, electronic prepress, stencil making, screen printing, and sales.

CERTIFICATE OF PROFICIENCY

Program Requirements	Units
GCIP/ R GCIP 170	Screen Printing 3
GCIP/ R GCIP 172	Textile Screen Printing 3
GCIP 270	Commercial Screen Printing 3
TOTAL UNITS	9

Screen Printing

Prepares students for entry-level positions in project planning, copy preparation, camera operation, screen preparation, stencil making, printing, and sales.

Due to recent advances in screen printing technology, screen printing is becoming very commercialized. These breakthroughs have allowed screen printing to compete on a large scale with other processes. Productive, challenging careers are growing in the screen printing field at a steady rate.

A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
BMGT 105	Small Business Management 3
GCIP 105	Layout for Offset Lithography 3
GCIP/ R GCIP 140	Digital Imaging/Photoshop I 3
GCIP/ R GCIP 152	Desktop Publishing/Illustrator I 3
GCIP/ R GCIP 170	Screen Printing 3
GCIP/ R GCIP 172	Textile Screen Printing 3
GCIP 180	Digital Prepress and Press I 3
GCIP 270	Commercial Screen Printing 3
Electives (Select one course)	
GCIP 182	Digital Prepress and Press II 3
GCIP 240	Digital Imaging/Photoshop III 3
GCIP 252	desktop Publishing/Illustrator II 3
CE 100	Cooperative Education 1,2,3,4
TOTAL UNITS	25 - 28