



Faculty

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Staff

Digital Studio Specialist

Associate of Arts Degree

- Graphics – Design
- Communication
- Journalism – Print
- Journalism – Web/Broadcasting

Associate of Science Degree

- Agriculture Communication

Associate of Applied Science Degree

- Graphics – Design
- Graphics – Prepress Production
- Graphics – Printing Production
- Photographic Communications

Northwest College Skills Certificate

- Basic Digital Imaging
- Basic Graphic Arts Production
- Basic Photographic Imaging
- Graphics Administration
- Journalism Endorsement for Public School Teachers
- Lithographic Offset Press
- Offset Duplicator
- Photographic & Digital Preservation Specialist
- Prepress
- Professional Desktop Publishing
- Web Design and Application

Knowledge and skills involved in communication are among the most important and useful in modern society. The very nature of communication concerns social symbolic activity which is a uniquely human attribute.

The Communication Division examines the use of symbols in a variety of contexts. These contexts include mass mediated forms and social scientific notions of communication, as well as the more traditional speech/rhetoric area of communication. The mass mediated forms include: journalism, graphic arts (printing), and photographic communications. Social scientific approaches encompass interpersonal, small group and organizational communication. The more traditional speech areas concentrate on public speaking and persuasion.

The goal of coursework within the division is to teach the skills necessary to be effective communicators and to be critical consumers of communication within these realms. This is done regardless of whether the student desires immediate employment or transfer to a four-year institution seeking a baccalaureate degree.

Agriculture Communication

Career opportunities include work in agriculture-related publications, radio, and television. Transfer options are available regionally and nationally. In order to achieve an AS in Agriculture Communication, students must successfully complete core courses with a “C-” or better to meet program requirements. Students planning to transfer to a four-year program may need to have additional hours beyond the program requirements at Northwest College in order to transfer in as a junior. These students should consult with their advisor and the appropriate four-year college catalog. For more information, refer to page 40.

Communication

The communication area offers a variety of coursework for students who plan to transfer to a four-year institution or better understand their communication patterns. Students planning to receive a bachelor of arts degree in this area need to review carefully the degree requirements of the college or university to which they plan to transfer. Speech communication courses are available to students under any degree or certificate plan as either fulfilling humanities requirements or as electives.

Northwest has a nationally recognized forensics squad which represents the College at tournaments throughout the western United States. Forensics is a form of rhetorical scholarship which involves various dimensions: debate, public address, and the interpretation of literature. Forensics serves as a curricular and co-curricular laboratory for improving students' abilities in research, analysis, and oral communication. Typically, forensics activities are conducted in a competitive environment to motivate students and accelerate the learning process. In addition to the competitive speaking program, the Northwest forensics squad performs on campus as well as in the community and works with high school programs throughout the state.

ASSOCIATE OF ARTS COMMUNICATION

This program allows students to explore the field of communication as the basis for their associate of arts degree. The core provides students the basic coursework in the field while allowing them the flexibility to tailor their program to their individual needs. Students must successfully complete core courses with a "C-" or better to meet program requirements. Students who are planning to transfer to a four-year program may need to have additional hours beyond the program requirements at Northwest College in order to transfer in as a junior. These students should consult with their advisor and the appropriate four-year college catalog.

General Education Requirements

Number and Title	Credits
Students should refer to the Graduation Requirements on pages 30-38.....	36-42

Six hours of Humanities and three hours of Visual and Performing Arts requirements may be fulfilled by taking Core Courses and Electives.

Core Courses

Number and Title	Credits
CO/M 1010—Public Speaking	3
CO/M 1030—Interpersonal Communication	3
CO/M 2485—Sophomore Seminar: Communication (Capstone Course).....	3
TOTAL	9

Core Electives

Students must take three courses (9 hours) from the following list of approved courses. Two of the three courses must have a CO/M designator.

Number and Title	Credits
CO/M 1040—Introduction to Human Communication.....	3
CO/M 2090—Introduction to Persuasion	3
CO/M 2110—Nonverbal Communication ...	3
CO/M 2120—Small Group Communication	3
CO/M 2125—Family Communication.....	3
CO/M 2150—Argumentation	3
JOUR 1000—Introduction to Mass Media...	3
PHIL 2420—Logic I: Critical Thinking	3
THEA 2120—Oral Interpretation.....	3
General Electives in consultation with advisor.....	12-18

MINIMUM CREDITS FOR DEGREE = 64

Graphics

The graphics degrees and certificates have been developed at Northwest College to provide students with broad career preparation in the related fields of prepress production, printing production and graphic design. Varied combinations of coursework in these fields can lead to employment opportunities in the Rocky Mountain region and across the nation. The associate of applied science degree prepares students for entry-level positions in the graphic arts industry. The associate of arts is a transfer-oriented degree designed for students intending to continue at a four-year institution. The following list of core courses is required of all graphics students, regardless of the degree.

Graphics Core Courses

Number and Title	Credits
ART 1110—Design: 2-D	3
ART 2100—Computer Illustration - Adobe Illustrator	3
GRAR 1510—Introduction to Graphic Arts	3
GRAR 1800—Introduction to Macintosh.....	3
GRAR 1810—Electronic Publishing: InDesign.....	3
or	
GRAR 1820—Electronic Publishing: QuarkXPress	3
TOTAL	15

ASSOCIATE OF ARTS GRAPHIC DESIGN

Graphic design involves the study of communications through image and/or type. Its purpose is to persuade, promote, or inform a selected audience as the result of a carefully orchestrated visual message. For more information see page 80.

ASSOCIATE OF APPLIED SCIENCE GRAPHICS – DESIGN

Graphic design involves the study of communications through image and/or type. Its purpose is to persuade, promote, or inform a selected audience as the result of a carefully orchestrated visual message. This degree prepares students for entry positions in the design industry. For more information see page 81.

ASSOCIATE OF APPLIED SCIENCE GRAPHICS – PREPRESS PRODUCTION

Prepress Production involves the overlooked but ever-so-important area of prepress. This profession most often works between the graphic design and the printing departments. Prepress professionals must have a good sense of graphic design but also know how to prepare a printed piece to ensure the highest quality of reproduction while keeping production costs to a minimum. Members of the prepress community are often requested to repair and "tweak" files from designers that might otherwise result in an inferior product once on the printing press. This task is often referred to as "preflight." As a result, the prepress professional is expected to have a full understanding of the printing process while knowing all

the major graphics software packages used in the graphic design and publishing professions.

General Education Requirements

Number and Title	Credits
Students should refer to the Graduation Requirements on pages 30-38.....	20-23

Three hours of General Education may be fulfilled by taking Core Courses. Three hours of Math may be fulfilled by taking GRAR 2710.

Graphics Core

Number and Title	Credits
ART 1110—Design: 2-D	3
ART 2100—Computer Illustration - Adobe Illustrator	3
GRAR 1510—Introduction to Graphic Arts	3
GRAR 1800—Introduction to Macintosh....	3
GRAR 1810—Electronic Publishing: InDesign.....	3
or	
GRAR 1820—Electronic Publishing: QuarkXPress	3
TOTAL 15	

Core Courses

Number and Title	Credits
ART 1130—Design: Color	3
ART 2120—Graphic Design I.....	3
ART 2465—Art Portfolio	2
GRAR 1610—Offset Production I	3
GRAR 1620—Offset Production II.....	3
GRAR 1720—Imaging for Printing: Reproduction	3
GRAR 1820—Electronic Publishing: QuarkXPress	3
GRAR 1950—Preflighting/Image Assembly (fulfills 3 credits of Graphics Core above)	3
PHTO 1600—Survey of Photography	3
or	
PHTO 1610—Introduction to Photography	4
or	
PHTO 2650—Digital Imaging I	3

One course from the following list of approved capstone courses:

ART 2479—Special Projects: Graphic Design (Capstone Course).....	3
or	
GRAR 2750—Magazine Editing and Management (Capstone Course).....	3

TOTAL 29-30

MINIMUM CREDITS FOR DEGREE = 64

ASSOCIATE OF APPLIED SCIENCE GRAPHICS – PRINTING PRODUCTION

Printing Production is designed to prepare students to enter the graphic arts/printing profession as offset printing press operators. Some might think of it as boot camp for printers. Included with the thorough study and hands-on experience of the printing press, Printing Production students will also be exposed to the fundamentals of graphic design allowing them a better understanding of the discipline that generates the work that is targeted for the printing press. These students will also get a basic background in prepress which will assist them in their communications with the area that works in concert with printing. This degree also provides the groundwork for print management training. A second two-year business degree or transfer to a four-year school to study business is recommended for those seeking a career in the administrative area of the printing industry.

General Education Requirements

Number and Title	Credits
Students should refer to the Graduation Requirements on pages 30-38.....	20-23

Three hours of Humanities/Social Science/Visual & Performing Arts/Science may be fulfilled by taking Core Courses. Three hours of Math may be fulfilled by taking GRAR 2710.

Graphics Core

Number and Title	Credits
ART 1110—Design: 2-D	3
ART 2100—Computer Illustration - Adobe Illustrator	3
GRAR 1510—Introduction to Graphic Arts	3
GRAR 1800—Introduction to Macintosh....	3
GRAR 1810—Electronic Publishing: InDesign.....	3
or	
GRAR 1820—Electronic Publishing: QuarkXPress	3
TOTAL 15	

Core Courses

Number and Title	Credits
ART 1130—Design: Color	3
ART 2120—Graphic Design I	3
ART 2465—Art Portfolio	2
GRAR 1610—Offset Production I	3
GRAR 1620—Offset Production II.....	3

GRAR 1720—Imaging for Printing: Reproduction	3
GRAR 1950—Preflighting/Image Assembly	3
* GRAR 2710—Print Estimating	3
GRAR 2810—Advanced Press	3
PHTO 1600—Survey of Photography.....	3
or	
PHTO 1610—Introduction to Photography	4
or	
PHTO 2650—Digital Imaging I	3

One course from the following list of approved capstone courses:

ART 2479—Special Projects: Graphic Design (Capstone Course).....	3
or	
GRAR 2750—Magazine Editing and Management (Capstone Course).....	3

TOTAL 32-33

MINIMUM CREDITS FOR DEGREE = 64

** Fulfills Math requirement for AAS program.*

NORTHWEST COLLEGE SKILLS CERTIFICATE BASIC GRAPHIC ARTS PRODUCTION

This certificate acknowledges students' understanding of graphics equipment, Macintosh software applications, and preliminary design skills.

Number and Title	Credits
ART 1110—Design: 2-D	3
GRAR 1510—Introduction to Graphic Arts	3
GRAR 1800—Introduction to Macintosh....	3

TOTAL CREDITS FOR CERTIFICATE = 9

NORTHWEST COLLEGE SKILLS CERTIFICATE GRAPHICS ADMINISTRATION

This certificate acknowledges students' understanding and the basic skills required to begin an administrative career in the graphics industry.

Number and Title	Credits
GRAR 1510—Introduction to Graphic Arts	3
GRAR 1610—Offset Production I	3
GRAR 1620—Offset Production II.....	4
GRAR 1720—Imaging for Print: Reproduction	3
GRAR 2710—Print Estimating.....	3
ACCT 1050—Practical Accounting	3
BADM 1000—Introduction to Business	3

TOTAL CREDITS FOR CERTIFICATE = 22

NORTHWEST COLLEGE SKILLS CERTIFICATE LITHOGRAPHIC OFFSET PRESS

This certificate acknowledges students' understanding and the basic skills required to begin or upgrade a career in offset press operation.

Number and Title	Credits
GRAR 1510—Introduction to Graphic Arts	3
GRAR 1610—Offset Production I	3
GRAR 1620—Offset Production II	4
GRAR 1720—Imaging for Print Reproduction	3
GRAR 2710—Print Estimating	3
GRAR 2810—Advanced Press	3

TOTAL CREDITS FOR CERTIFICATE = 19

NORTHWEST COLLEGE SKILLS CERTIFICATE OFFSET DUPLICATOR

This certificate acknowledges students' understanding and the basic skills required to begin a career in offset duplicator operation.

Number and Title	Credits
GRAR 1510—Introduction to Graphic Arts	3
GRAR 1610—Offset Production I	3
GRAR 1620—Offset Production II	4
GRAR 1720—Imaging for Print Reproduction	3

TOTAL CREDITS FOR CERTIFICATE = 13

NORTHWEST COLLEGE SKILLS CERTIFICATE PREPRESS

This certificate acknowledges students' background and the skills in prepress required of those wishing to work in the area of prepress which includes but is not limited to preflight files troubleshooting, building and editing files for proper output and efficiency, adjusting images for optimal printing conditions, and assembling files for output to various output devices (e.g., imagesetters, plate-setters, and wide-format printers).

Number and Title	Credits
GRAR 1510—Introduction to Graphic Arts	3
GRAR 1610—Offset Production I	3
GRAR 1800—Introduction to Macintosh	3
GRAR 1810—Electronic Publishing: InDesign	3
or	
GRAR 1820—Electronic Publishing: QuarkXPress	3
GRAR 1950—Preflighting/Image Assembly	3

PHTO 2650—Digital Imaging I	3
or	
GRAR 1720—Imaging for Print Reproduction	3

TOTAL CREDITS FOR CERTIFICATE = 18

NORTHWEST COLLEGE SKILLS CERTIFICATE PROFESSIONAL DESKTOP PUBLISHING

This certificate acknowledges students' understanding of professional desktop software and practices employed for efficient and successful output and production of documents targeted for print and publishing.

Number and Title	Credits
GRAR 1510—Introduction to Graphic Arts	3
GRAR 1800—Introduction to Macintosh	3
GRAR 1810—Electronic Publishing: InDesign	3
GRAR 1820—Electronic Publishing: QuarkXPress	3
GRAR 1720—Imaging for Print Reproduction	3
or	
PHTO 2650—Digital Imaging I	3

TOTAL CREDITS FOR CERTIFICATE = 15

NORTHWEST COLLEGE SKILLS CERTIFICATE WEB DESIGN AND APPLICATION

This certificate is designed for students wishing to develop the skills necessary to design and manage a basic Web site.

Number and Title	Credits
ART/PHTO 2165—Issues in Web Design	3
INET 1610—Dynamic Web Graphics: Flash	3
INET 2010—Database Driven Web Sites	3
PHTO 2650—Digital Imaging I	3
PHTO 2660—Web Page Design	3
TOTAL	15

TOTAL CREDITS FOR CERTIFICATE = 14-16

Journalism

The Journalism Program at Northwest College offers introductory courses for students who plan to transfer to a four-year institution in pursuit of a bachelor's degree. Students may choose from print or Web/broadcast programs. Print-related courses prepare students for careers in newspapers and maga-

zines, including reporting and writing, photojournalism, editing, page layout and design. Web/broadcast courses provide training for careers in television, radio and the Internet, such as reporting, video camera operation, editing, announcing and Web-delivered content including audio, video and streaming media.

ASSOCIATE OF ARTS JOURNALISM PRINT

This program allows students to explore journalistic print media for their associate of arts degree. The core provides students the basic coursework in the field while allowing them the flexibility to tailor their program to their individual needs. Students must successfully complete core courses with a "C-" or better to meet program requirements. Students planning to transfer to a four-year program may need to have additional hours beyond the program requirements at Northwest College in order to transfer in as a junior. These students should consult with their advisor and the appropriate four-year college catalog.

General Education Requirements

Number and Title	Credits
Students should refer to the Graduation Requirements on pages 30-38	36-42

Six hours of Humanities will be fulfilled by taking Core Courses.

Core Courses

Number and Title	Credits
JOUR 1000—Introduction to Mass Media	3
JOUR 1010—Publications Production I	1-2
JOUR 1100—Reporting and Newswriting I	3
JOUR 2100—Reporting and Newswriting II	3
JOUR 2010—Publications Production II	1-2
JOUR 2140—News Editing	3
CO/M 2485—Sophomore Seminar: Communication (Capstone Course)	2
TOTAL	16-18

General Electives selected in consultation with advisor 4-12

MINIMUM CREDITS FOR DEGREE = 64

**ASSOCIATE OF ARTS
JOURNALISM WEB/
BROADCASTING**

This program allows students to explore journalistic Web/broadcasting for their associate of arts degree. The core provides students the basic coursework in the field while allowing them the flexibility to tailor their program to their individual needs. Students must successfully complete core courses with a “C-” or better to meet program requirements. Students planning to transfer to a four-year program may need to have additional hours beyond the program requirements at Northwest College in order to transfer in as a junior. These students should consult with their advisor and the appropriate four-year college catalog.

General Education Requirements

Number and Title	Credits
Students should refer to the Graduation Requirements on pages 30-38.....	36-42

Six hours of Humanities will be fulfilled by taking Core Courses.

Core Courses

Number and Title	Credits
JOUR 1000—Introduction to Mass Media...3	
JOUR 1020—Webcasting Practicum I1-2	
JOUR 1100—Reporting and Newswriting I. 3	
JOUR 2100—Reporting and Newswriting II 3	
JOUR 2020—Webcasting Practicum II1-2	
JOUR 2000—Broadcast Production3	
CO/M 2485—Sophomore Seminar: Communication (Capstone Course).....2	
	TOTAL 16-18

General Electives selected in consultation with advisor.....4-12

MINIMUM CREDITS FOR DEGREE = 64

**NORTHWEST COLLEGE SKILLS
CERTIFICATE
JOURNALISM ENDORSEMENT FOR
PUBLIC SCHOOL TEACHERS**

Core Courses

Number and Title	Credits
JOUR 1000—Introduction to Mass Media...3	
JOUR 1100—Reporting and Newswriting I. 3	
JOUR 2320—Publications Production for High School Advisors.....3	
	TOTAL 9

TOTAL CREDITS FOR CERTIFICATE = 9

**Photographic
Communications**

The Photographic Communications Program prepares students for a career in professional photography. Areas of commercial photography emphasis include studio illustration, portraiture, new digital media, and photojournalism.

With the latest in multimedia and digital technologies combined with traditional and historical processes, this all-encompassing program provides students with a wide array of skills as they develop a personal photographic vision.

From academic to professional endeavors, our full-time faculty bring into the classroom their expertise in this fast-paced, ever-changing industry. Then through project-based assignments and a hands-on approach, students learn real world visual problem solving.

The framework of the program also incorporates courses in business and general education to better prepare the student for a successful career in photography. For the applied science degree in photographic communications, students must complete both the General Education Requirements and the Core Courses.

**ASSOCIATE OF APPLIED SCIENCE
PHOTOGRAPHIC
COMMUNICATIONS**

General Education Requirements

Number and Title	Credits
ART—Any ART course meeting the Visual & Performing Arts requirement	3
BADM 1005—Business Mathematics	3
or	
MATH—Any College-Level Mathematics3-5	
BADM 1020—Business Communications ...3	
CO/M 1030—Interpersonal Communication3	
or	
JOUR 1000—Introduction to Mass Media...3	
ENGL 1010—English I: Introduction to Composition	3
POLS 1000—American and Wyoming Government.....	3
or	
HIST 1210—United States History I	3
and	
HIST 1250—History of Wyoming.....	3
Wellness Education	2
	TOTAL 20-25

Core Courses

Number and Title	Credits
PHTO 1600—Survey of Photography	3
PHTO 1610—Introduction to Photography 4	
PHTO 1630—View Camera/Basic Lighting 4	
PHTO 2350—Media Photography	3
PHTO 2510—Studio Illustration I.....	3
PHTO 2520—Studio Illustration II	3
PHTO 2610—Commercial Portrait I.....	3
PHTO 2620—Commercial Portrait II	3
PHTO 2650—Digital Imaging I	3
PHTO 2710—Professional Portfolio I	4
PHTO 2720—Professional Portfolio II (Capstone Course).....	4
PHTO 2740—Digital Color Photography ..3	
Choose two of the following courses:	
PHTO—2660 Web Design	3
or	
PHTO—2750 Digital Photo Applications ...3	
or	
PHTO 2760—Introduction to Digital Multimedia	3
	TOTAL 49

Electives

Number and Title	Credits
ART 1110—Design 2-D	3
GRAR 1510—Introduction to Graphic Arts 3	
JOUR 1100—Reporting and Newswriting I. 3	
PHTO 1550—Outdoor Photography Seminar.....	2
PHTO 2385—Photography Theme House...2	
PHTO 2960—Photography Field Studies....2	

TOTAL CREDITS FOR DEGREE = 66

**NORTHWEST COLLEGE SKILLS
CERTIFICATE
BASIC DIGITAL IMAGING**

This certificate is designed for those students wishing to develop skills necessary to use Adobe Photoshop and Adobe Go Live in the production of digital images.

Number and Title	Credits
PHTO—2650 Digital Imaging.....	3
PHTO—2660 Web Design	3
	TOTAL 6

TOTAL CREDITS FOR CERTIFICATE = 6

**NORTHWEST COLLEGE SKILLS
CERTIFICATE
BASIC PHOTOGRAPHIC IMAGING**

This certificate is designed for students wishing to develop skills necessary to use basic lighting and photographic techniques in the production of digital images.

Number and Title	Credits
PHTO—1610 Introduction to Photography	4
PHTO—1630 View Camera and Basic Lighting.....	4
	TOTAL 8

TOTAL CREDITS FOR CERTIFICATE = 8

**NORTHWEST COLLEGE SKILLS
CERTIFICATE
PHOTOGRAPHIC AND DIGITAL
PRESERVATION SPECIALIST**

Successful completion of this certificate will signify the students' perfection of a variety of digital imaging and restoration skills. The combination of proficiencies in digital imaging and photographic preservation techniques creates a unique set of abilities and knowledge required for employment by museums, libraries, and various organizations throughout the country. The basic goal of this certificate program is for students to learn the necessary technical skills and aesthetic sensibilities required for a professional career in digital preservation and restoration. Ethics of digital imaging restoration will be stressed throughout the entire program.

Number and Title	Credits
PHTO 1600—Survey of Photography.....	3
PHTO 1610—Introduction to Photography	4
PHTO 2650—Introduction to Digital Imaging I.....	3
PHTO 2765—Digital and Photographic Preservation	4
PHTO 2660—Web Page Design.....	3
or	
PHTO 2760—Introduction to Digital Multimedia	3
or	
GRAR 1820—Electronic Publishing: QuarkXPress.....	3

TOTAL CREDITS FOR CERTIFICATE = 17