




PROGRAM ARTICULATION AGREEMENT

College Program: Graphic Design

CIP: 50.0402

Career Pathway: Visual Arts

Career Cluster: Arts, Audio/Video Technology & Communications

The purpose of this agreement is to grant college credit to high school students who have achieved the level of knowledge and skill required for the college-equivalent entry-level course(s) identified in this agreement. Upon successful completion of the identified course competencies with a grade of 'B' (3.0) or higher and the high school teacher's endorsement that the competency requirements have been met, students will be qualified to receive college credit.

The following Spokane Falls Community College course(s) have been approved for Tech Prep articulation with West Valley School District high school course(s) as listed below:

High School / Course Title	College / Course Title	Credits
Dishman Hills HS Graphic Arts I and II (<i>one year</i>) (CIP 100301)	SFCC GRDSN 158 PhotoShop I	2

**see attached list(s) of competencies for articulated courses*

Student Articulation Procedure:

1. Be enrolled in the required high school class.
2. Register for Tech Prep/Dual Credit articulated course during the same academic year the high school class is completed. If a series of courses are involved in the articulation, students register for credit during the same academic year the last course in the series is completed.
3. Earn a grade of 'B' (3.0) or better in all courses required under the articulation agreement.
4. Complete all required skills as identified on the competency profile.
5. If an exam or review of completed work is required under the terms of this agreement, students must receive a passing score (determined by college or industry certification) to earn college credit (*see competency list for requirements*).
6. Within seven years of completing the articulated class, enroll at SCC or SFCC and submit the SERS Tech Prep Registration Confirmation to the Transcript Office. Articulation requirements will be reviewed and verified by the appropriate office or department. Credit will be awarded to qualifying students.

High School Instructors:

1. Ensure all students receive a copy of the course syllabus outlining information about Tech Prep, the college course competencies and the process required to earn college credit.
2. Hold students accountable for the same competency standard and course expectations as required by the college-equivalent course (*see competency list attached*).
3. If required for articulation, ensure students are prepared to take industry certification exams, complete a professional portfolio documenting their work, or take a final exam to measure their level of skill and competence in the coursework.
4. Submit final grades for all students registered to earn Tech Prep college credit no later than June of the current academic year.
5. Attend scheduled meetings, workshops or in-service activities that enhance the high school/college partnership & support implementation of the Tech Prep articulated program.

Articulation Review and Renewal:

The designated program facilitators, college administrators and/or instructors and high school faculty will meet regularly to revise or discuss the articulation agreement. Agreements must be reviewed/updated and re-signed by college faculty/deans and CTE directors/HS teachers on a schedule, not to exceed a three (3) year rotation, or as deemed necessary due to changes in HS/college course content or structure. Individual teacher verification forms must be signed and submitted annually. Minor revisions can be made via phone calls, correspondence or e-mail.

**PROGRAM ARTICULATION AGREEMENT
Graphic Design**

PARTICIPATING INSTITUTIONS

West Valley School District and Spokane Falls Community College


We the undersigned representatives of the Northeast Washington Technical Education Consortium (NEWTEC), agree to all provisions of the articulation program/course agreement, have reviewed the course competencies, and understand the process to which students may be granted college credit through the Tech Prep program. We commit staff time and resources to ensure successful program implementation.



 Vicki Leifer, Date
 West Valley SD CTE Director



 Greg Stiles, Date
 SFCC Faculty



 Cheri Osmuss, Date
 Dishman Hills HS Teacher



 Bonnie Brunt, Date
 SFCC Program Dean



 Kevin Brockbank, Date
 Vice Provost for Strategic Partnerships

Original March 2013
 Renewed 2016-17

GRDSN 158 PHOTOSHOP I

COURSE LEARNING OUTCOMES

Where Images Come From

- CP-05.29 Convert all analog images to a digital format before working on them in Photoshop.
- CP-05.30 Use various devices to capture and convert images for use in your layout.
- CP-05.31 Use different file formats in Photoshop.
- CP-05.32 Understand the number of variables that affect the quality of images.
- CP-05.33 Use Calibration and Color Models.

A Photoshop Document

- CP-05.34 Use the Toolbox palette and its different variables for graphic modifications.
- CP-05.35 Use the different palettes and the controls they bring.
- CP-05.36 Adjust and save preferences.
- CP-05.37 Save your documents in different formats.

Getting Around

- CP-05.38 Use pop up sliders.
- CP-05.39 Use help Wizards.
- CP-05.40 Use the Selections tools.
- CP-05.41 Use the Action and History palettes.
- CP-05.42 Adjust the Image view.
- CP-05.43 Use the Painting and Drawing tools.
- CP-05.44 Use the Photo Effects tools.
- CP-05.45 Use the Type and Type Mask tools.
- CP-05.46 Use the Photoshop menu bar.

Course Outline

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- CP-05.44 Use the Photo Effects tools.
- CP-05.45 Use the Type and Type Mask tools.
- CP-05.46 Use the PhotoShop menu bar.
- CP-05.47 Use keyboard navigation to increase efficiency.

Images: Sizes and Resolutions

- CP-05.48 Use PPI and line screen.
- CP-05.49 Resize an image with the Cropping tool and the Canvas Size command.
- CP-05.50 Use tones to affect image quality.
- CP-05.51 Use Bit Depth and Video Bit Depth to affect image quality.

Basic Selection Techniques

- CP-05.52 Use the basic selection tools: the Marquee tools, Lasso tools, Freehand lasso tool, Polygon lasso tool, Magnetic Lasso tool, and other selection commands.
- CP-05.53 Use the Rectangular Marquee.
- CP-05.54 Move and manipulate selections.
- CP-05.55 Flip and rotate selections.
- CP-05.56 Copy and paste selections.
- CP-05.57 Fill and stroke selection areas.
- CP-05.58 Create Mirrored tiles.
- CP-05.59 Use the Elliptical Marquee.
- CP-05.60 Add and remove portions of a selection.
- CP-05.61 Create a type mask.

Working With Type

- CP-05.62 Use type tools and layers.
- CP-05.63 Use the layers panel and apply it to a type layer.
- CP-05.64 Use the type mask tool.
- CP-05.65 Use the type layer and its format.

Painting Tools

- CP-05.66 Use the Brushes palette and learn its various sizes, shapes, angles, spacing, and hardness of available brushes.
- CP-05.67 Add or edit brushes in the Brush Options dialog box.
- CP-05.68 Use the Pencil tools, paintbrush, and airbrush.
- CP-05.69 Use the Line tool, Paint Bucket tool, and Gradient Fill tool.
- CP-05.70 Use the special Eraser tool.
- CP-05.71 Use the History brush.
- CP-05.72 Use the Rubber stamp and Pattern stamp.

Blending Modes

- CP-05.73 Use Normal and Dissolve modes.
- CP-05.74 Use modes that work with Highlight and Shadow.
- CP-05.75 Use the Lighten, Darken, Difference, and Exclusion modes.
- CP-05.76 Use Color Dodge and Burn.
- CP-05.77 Use Blending modes.

Complex Selections

- CP-05.78 Use the Magic Wand tool, to smooth a selection.
- CP-05.79 Preserve selection information.
- CP-05.80 Use Feathered selections and apply them.
- CP-05.81 Create vignettes.
- CP-05.82 Create a composite with selections.

Channels and Masks

- CP-05.83 Use Color and Alpha channels.
- CP-05.84 Manage Channels.
- CP-05.85 Use a Quick Mask channel.
- CP-05.86 Mask a portion of an image with a channel.

Working with Layers

- CP-05.87 Create layers.
- CP-05.88 Work with multiple layers.
- CP-05.89 Create a new layer from a selection.
- CP-05.90 Create a Multimedia button.
- CP-05.91 Create a composite using layers.
- CP-05.92 Distort elements and layer effects.
- CP-05.93 Apply various blending modes to individual layers.

Calibrating Your System

- CP-05.94 Predict output color, and compensate for the many variables involved in the printing process.
- CP-05.95 Identify ambient lighting, monitors, video cards, the ability of the scanner operator adjusting your scan, and other variables.
- CP-05.96 Use the gamma program to compensate for the visual difference in your perception of color on a monitor.

Adjusting Brightness and Contrast

- CP-05.97 Use tools for tonal corrections and color adjustment.
- CP-05.98 Use the three-step process for adjusting brightness and contrast.
- CP-05.99 Choose highlights and shadows from an image.

Filters

- CP-05.100 Access filters.
- CP-05.101 Use all thirteen filter groups.
- CP-05.102 Create buttons for interactive projects.

Basic Color Correction

- CP-05.103 Use the Color Wheel to help understand the relationship between color and color modes.
- CP-05.104 Create a Color Wheel.
- CP-05.105 Mix colors.
- CP-05.106 Use subtractive primary and subtractive secondary colors.
- CP-05.107 Manipulate color in an image.
- CP-05.108 Create and use a full spectrum color wheel.

Creating and Managing Paths

- CP-05.109 Create selections and clipping paths.
- CP-05.110 Use the Paths palette.
- CP-05.111 Draw simple paths.
- CP-05.112 Use the Pen tool.