

Art Planned Course: Advanced Photography – Grades 10 - 12

Unit: **Advanced Camera Techniques**

Content Standard: **Demonstrate knowledge of alternative camera techniques using the 35mm SLR camera.**

State Curriculum Standard:

Arts and Humanities: (Appendix A)

9.1.12:

A (Know and use the elements and principles of each art form to create works in the arts and humanities)

D (Demonstrate specific styles in combination through the production or performance of a unique work of art)

G (Analyze the effect of rehearsal and practice sessions)

J (Analyze and evaluate the use of traditional and contemporary technologies for producing, performing and exhibiting works in the arts or works of others)

Career, Education and Work: 13.1.11. G, 13.2.11.D (Reference Appendix B)

Mathematics: 2.3.11. C, 2.5.11.B (Reference Appendix C)

Reading, Writing, Speaking and Listening: 1.1.11. F, 1.5.11.B, 1.6.11.A, 1.6.11.D, 1.8.11.A (Reference Appendix D)

National Educational Technology Standards: 3.3, 3.6, 8.3, 8.5 (Reference Appendix E)

Course Content	Student Performance	Resources	Assessments
<p>A. Advanced Camera Techniques for Taking Photography Images</p> <ul style="list-style-type: none"> Macro photography Multiple exposure Night or low light photography Blurring, freezing, panning motion Exposure compensation Using reflectors, lighting techniques Bracketing Self-portraits 	<p><i>Options include but are not limited to:</i></p> <ul style="list-style-type: none"> Direct instruction about advanced camera techniques Apply knowledge of advanced photography techniques to create photographic images <ul style="list-style-type: none"> Motion pictures Silhouettes Self-portraits Analyze prints/reproductions that utilize advanced camera techniques 	<p><i>Options include but are not limited to:</i></p> <ul style="list-style-type: none"> Computer technology Library references and resources Materials and tools for the creation of photographic prints Photography periodicals and books Photography videos Professional and student examples Reproductions of a selected style, artistic movement, or individual artist's body of work Teacher demonstrations Online camera manuals 	<p><i>Options include but are not limited to:</i></p> <ul style="list-style-type: none"> Critiques Diagrams Project completed according to course content objectives Quizzes Tests Self-evaluations Teacher observation Word games/worksheets <p><u>Remediation and Enrichment</u> Reference Appendix F</p> <p><u>Technology Enrichment</u></p> <ul style="list-style-type: none"> Review dSLR camera functions Explore variety of advanced digital camera techniques Film speed/shutter/aperture compensation White balance options Manual white balance
<p>B. Mat and Present Finished Photographs in Finished Manner</p>	<ul style="list-style-type: none"> Participate in class critiques to discuss utilizing advanced camera techniques 		

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			<ul style="list-style-type: none">• Bracketing, self-timer
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Unit: **Advanced Alternative Darkroom Techniques**

Content Standard: **Demonstrate a mastery of alternative darkroom techniques through the production of photographs.**

State Curriculum Standard:

Arts and Humanities: (Appendix A)

9.1.12:

B (Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts)

C (Integrate and apply advanced vocabulary to the arts forms)

K (Analyze and evaluate the use of traditional and contemporary technologies in furthering knowledge and understanding in the humanities)

9.2.12:

B (Relate works in the arts chronologically to historical events)

C (Relate works in the arts to varying styles and genre and to the periods in which they were created)

I (Identify, explain and analyze philosophical beliefs as they relate to works in the arts)

K (Identify, explain and analyze traditions as they relate to works in the arts)

9.3.12:

F (Analyze the processes of criticism used to compare the meanings of a work in the arts in both its own and present time)

Career, Education and Work: 13.1.11. G, 13.2.11.D (Reference Appendix B)

Mathematics: 2.3.11. C, 2.5.11.B (Reference Appendix C)

Reading, Writing, Speaking and Listening: 1.1.11. F, 1.5.11.B, 1.6.11.A, 1.6.11.D, 1.8.11.A (Reference Appendix D)

National Educational Technology Standards: 3.3, 3.6, 8.3, 8.5 (Reference Appendix E)

Course Content	Student Performance	Resources	Assessments
A. Discuss, Demonstrate, Apply Advanced Alternative Darkroom Techniques for Developing Photography Prints <ul style="list-style-type: none">Multiple printingPhotogram/negative combinationNegative sandwichingVignettingDistortion techniquesSolarizationSelective developing	<i>Options include but are not limited to:</i> <ul style="list-style-type: none">Study development/use of various techniques throughout historyView demonstrations and apply knowledge to the production of photography prints concentrating on advanced alternative darkroom techniques	<i>Options include but are not limited to:</i> <ul style="list-style-type: none">Computer technologyLibrary references and resourcesMaterials and tools for the creation of photographic printsPhotography periodicals and booksPhotography videosProfessional and student examples	<i>Options include but are not limited to:</i> <ul style="list-style-type: none">CritiquesDiagramsProject completed according to course content objectivesQuizzesTestsSelf-evaluationsTeacher observationWord games/worksheets

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<p>B. Mount/Mat and Present Finished Photographs in Professional Manner</p>	<ul style="list-style-type: none"> • Participate in class critiques to discuss use of advanced alternative darkroom techniques • Create photographs using three or more darkroom techniques • Assemble a mat professionally for one of the aforementioned photographs 	<ul style="list-style-type: none"> • Reproductions of a selected style, artistic movement, or individual artist's body of work • Teacher demonstrations • Online camera manuals • http://www.dennisplucinik.com/blog/2007/08/28/60-advanced-adobe-photoshop-tutorials/ (a list of advanced Photoshop techniques and tutorials) 	<p><u>Remediation and Enrichment</u> Reference Appendix F</p> <p><u>Technology Enrichment</u></p> <ul style="list-style-type: none"> • Explore advanced Photoshop techniques for manipulating and improving digital images <ul style="list-style-type: none"> • Photo retouching • Photo manipulation • Digital coloring • Create digital images that incorporate three or more digital processing techniques • Explore a variety of alternative ways to create or alter a filter effect in order to enhance knowledge of digital effects • Design unique actions in Photoshop for future application
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Unit: **Career Opportunities in Photography**

Content Standard: **Explore a variety of applications of course content in a professional environment.**

State Curriculum Standard:

Arts and Humanities: (Appendix A)

9.2.12:

A (Explain the historical, cultural and social context of an individual work in the arts)

D (Analyze a work of art from its historical and cultural perspective)

E (Analyze how historical events and culture impact forms, techniques and purposes of works in the arts)

F (Know and apply appropriate vocabulary used between social studies and the arts and humanities)

J (Identify, explain and analyze historical and cultural differences as they relate to works in the arts)

L (Identify, explain and analyze common themes, forms and techniques from works in the arts)

9.4.12:

B (Describe and analyze the effects that works in the arts have on groups, individuals and the culture)

C (Compare and contrast the attributes of various audiences' environments as they influence individual aesthetic response)

D (Analyze and interpret a philosophical position identified in works in the arts and humanities)

Career, Education and Work: 13.1.11. G, 13.2.11.D (Reference Appendix B)

Mathematics: 2.3.11. C, 2.5.11.B (Reference Appendix C)

Reading, Writing, Speaking and Listening: 1.1.11. F, 1.5.11.B, 1.6.11.A, 1.6.11.D, 1.8.11.A (Reference Appendix D)

National Educational Technology Standards: 3.3, 3.6, 8.3, 8.5 (Reference Appendix E)

Course Content	Student Performance	Resources	Assessments
A. Career Opportunities in Photography <ul style="list-style-type: none"> Commercial photographer Sports photographer Freelance/ stock photographer Graphic designer Magazine photographer Photo-journalist Portrait/wedding photographer Scientific photographer Wildlife photographer 	<i>Options include but are not limited to:</i> <ul style="list-style-type: none"> Direct instruction about career opportunities in photography Research and present findings about career opportunities in photography Create photographs that typify those taken in a specific photography career 	<i>Options include but are not limited to:</i> <ul style="list-style-type: none"> Computer technology Library references and resources Materials and tools for the creation of photographic prints Photography periodicals and books Photography videos Professional and student examples 	<i>Options include but are not limited to:</i> <ul style="list-style-type: none"> Critiques Diagrams Project completed according to course content objectives Quizzes Tests Self-evaluations Teacher observation Word games/worksheets

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<p>B. Understand Career Opportunities in Photography</p> <p>C. Experience Chosen Photography Career Within Inherent Limitations of Classroom Setting</p>	<ul style="list-style-type: none"> • Research professional (career) photographers throughout history who have made significant contributions to their field of photography • Research and present findings on a current trend in photography or the impact of photography in modern and/or past societies and cultures • Create photographs reflecting current cultural, political, ecological or societal issues 	<ul style="list-style-type: none"> • Reproductions of a selected style, artistic movement, or individual artist's body of work • Teacher demonstrations • http://www.khake.com/page45.html (list and description of many photography careers) • http://www.careeroverview.com/photography-careers.html (essay, information on photography careers) 	<p><u>Remediation and Enrichment</u> Reference Appendix F</p> <p><u>Technology Enrichment</u></p> <ul style="list-style-type: none"> • Research careers in digital photography • Present findings about career opportunities in digital photography • Create a series of photographs that typify those taken in a specific photography career • Create a digital portfolio and/or website that displays the knowledge gained of advanced digital applications and which could be used in a professional interview
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Unit: Final Print Manipulation

Content Standard: **Explore a variety of options available to the photographer after the development process is complete for the production of artworks.**

State Curriculum Standard:

Arts and Humanities: (Appendix A)

9.1.12:

F (Analyze works of arts influenced by experiences or historical and cultural events through production, performance or exhibition)

I (Distinguish among a variety of regional arts events and resources and analyze methods of selection and admission)

9.2.12:

G (Relate works in the arts to geographic regions)

9.3.12:

A (Explain and apply the critical examination processes of works in the arts and humanities; compare and contrast, analyze, interpret, form and test hypotheses, evaluate and form judgments)

B (Determine and apply criteria to a person's work and works of others in the arts)

C (Apply systems of classification for interpreting works in the arts and forming a critical response)

D (Analyze and interpret works in the arts and humanities from different societies using culturally specific vocabulary of critical response)

E (Examine and evaluate various types of critical analysis of works in the arts and humanities; contextual criticism, formal criticism, intuitive criticism)

G (Analyze works in the arts by referencing the judgments advanced by arts critics as well as one's own analysis and critique)

9.4.12:

A (Evaluate an individual's philosophical statement on a work in the arts and its relationship to one's own life based on knowledge and experience)

Career, Education and Work: 13.1.11. G, 13.2.11.D (Reference Appendix B)

Mathematics: 2.3.11. C, 2.5.11.B (Reference Appendix C)

Reading, Writing, Speaking and Listening: 1.1.11. F, 1.5.11.B, 1.6.11.A, 1.6.11.D, 1.8.11.A (Reference Appendix D)

National Educational Technology Standards: 3.3, 3.6, 8.3, 8.5 (Reference Appendix E)

Course Content	Student Performance	Resources	Assessments
A. Manipulation of Finished Photographic Print <ul style="list-style-type: none">• Demonstrate/understand relationship of art and photography• Apply alternative techniques<ul style="list-style-type: none">• Photo montage• Toning• Hand coloring	<i>Options include but are not limited to:</i> <ul style="list-style-type: none">• View demonstrations and apply knowledge to the production of alternative techniques for manipulation• Participate in class critiques to discuss use of alternative techniques for manipulation	<i>Options include but are not limited to:</i> <ul style="list-style-type: none">• Computer technology• Library references and resources• Materials and tools for the creation of photographic prints• Photography periodicals and books	<i>Options include but are not limited to:</i> <ul style="list-style-type: none">• Critiques• Diagrams• Project completed according to course content objectives• Quizzes• Tests• Self-evaluations

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<ul style="list-style-type: none"> • Photo etching • Mounting in relief • Weaving • Photo embroidery • Drawing with ink • Photo mosaics • Contact sheet mosaics • Photo murals • Spot toning <p>B. Finished Photograph</p> <ul style="list-style-type: none"> • Mat/mount • Present in professional manner <p>C. Gain Knowledge of Artist/Photographers</p> <ul style="list-style-type: none"> • Chuck Close • Andy Warhol • David Hockney • Man Ray • Andy Goldsworthy • Salvadore Dali • Alfred Steiglitz • Jasper Johns 	<ul style="list-style-type: none"> • Produce finished artworks based on traditional, cultural, or historical artworks • Compare various print manipulation techniques to quilt work of Pennsylvania artisans • Create artwork based on the work/techniques of famous artist/photographers • Assemble a mat/mount for one of the aforementioned photographs 	<ul style="list-style-type: none"> • Photography videos • Professional and student examples • Reproductions of a selected style, artistic movement, or individual artist's body of work • Teacher demonstrations • Online camera manuals 	<ul style="list-style-type: none"> • Teacher observation • Word games/worksheets <p><u>Remediation and Enrichment</u> Reference Appendix F</p> <p><u>Technology Enrichment</u></p> <ul style="list-style-type: none"> • Apply photo manipulation techniques to digital images <ul style="list-style-type: none"> • Mount in relief • Weaving • Photo embroidery • Murals • Re-imagine works by famous artist/photographers, for example: <ul style="list-style-type: none"> • Re-create Dali's surrealistic photographs using original digital images and photography software
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Unit: **Composition**

Content Standard: **Select and apply visual elements and principles to achieve expressive purposes in photographs**

State Curriculum Standard:

Arts and Humanities: (Appendix A)

9.1.12:

A (Know and use the elements and principles of each art form to create works in the arts and humanities)

B (Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts)

C (Integrate and apply advanced vocabulary to the arts forms)

D (Demonstrate specific styles in combination through the production or performance of a unique work of art)

E (Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques)

G (Analyze the effect of rehearsal and practice sessions)

H (Incorporate the effective and safe use of materials, equipment and tools into the production of works in the arts at work and performance spaces)

9.3.12:

A (Explain and apply the critical examination processes of works in the arts and humanities; compare and contrast, analyze, interpret, form and test hypotheses, evaluate and form judgments)

B (Determine and apply criteria to a person's work and works of others in the arts)

G (Analyze works in the arts by referencing the judgments advanced by arts critics as well as one's own analysis and critique)

9.4.12:

A (Evaluate an individual's philosophical statement on a work in the arts and its relationship to one's own life based on knowledge and experience)

D (Analyze and interpret a philosophical position identified in works in the arts and humanities)

Career, Education and Work: 13.1.11. G, 13.2.11.D (Reference Appendix B)

Mathematics: 2.3.11. C, 2.5.11.B (Reference Appendix C)

Reading, Writing, Speaking and Listening: 1.1.11. F, 1.5.11.B, 1.6.11.A, 1.6.11.D, 1.8.11.A (Reference Appendix D)

National Educational Technology Standards: 3.3, 3.6, 8.3, 8.5 (Reference Appendix E)

Course Content	Student Performance	Resources	Assessments
A. Elements and Principles of Visual Design in Creation of Photographs	<i>Options include but are not limited to:</i> <ul style="list-style-type: none">• Direct instruction about the elements and principles of visual design• Apply knowledge about compositional elements to analyze photographic reproductions	<i>Options include but are not limited to:</i> <ul style="list-style-type: none">• Computer technology• Library references and resources• Materials and tools for the creation of photographic prints	<i>Options include but are not limited to:</i> <ul style="list-style-type: none">• Critiques• Diagrams• Project completed according to course content objectives• Quizzes• Tests• Self-evaluations
B. Use of Elements/Principles of Visual Design in Artworks and Photographs			

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C. Discussion and Interpretation of Artwork of Others	<ul style="list-style-type: none"> • Apply knowledge about compositional elements to create a photograph that concentrates on composition 	<ul style="list-style-type: none"> • Photography periodicals and books • Photography videos • Professional and student examples 	<ul style="list-style-type: none"> • Teacher observation • Word games/worksheets
D. Creation of Photographs that Illustrate Complex Visual Ideas	<ul style="list-style-type: none"> • Read/ write/ speak about compositional elements in photographic prints 	<ul style="list-style-type: none"> • Reproductions of a selected style, artistic movement, or individual artist's body of work • Teacher demonstrations • Online camera manuals 	
E. Mat and Present Finished Photographic Prints in Professional Manner	<ul style="list-style-type: none"> • Apply knowledge of elements and principles of visual design to create artworks made by manipulating photographs 		<p><u>Remediation and Enrichment</u> Reference Appendix F</p> <p><u>Technology Enrichment</u></p> <ul style="list-style-type: none"> • Use photo editing software to improve the composition of poorly composed photographs <ul style="list-style-type: none"> • Adding/removing visual elements • Cropping