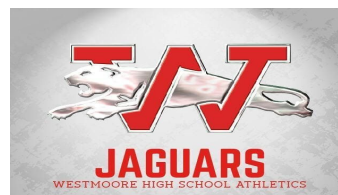


Multimedia & Image Management Techniques Syllabus



Instructor:	Wes Moore wesliemoore@mooreschools.com
Course Number:	8150 (OK Promise Approved)
Pre-requisite:	Fundamentals of Technology
Career Cluster/Pathway:	Information Technology/Web and Digital Communications
Career Majors:	3D Animator, 3D Modeler, Animator, Audio Production Engineer, Desktop Publisher/Graphic Designer, Graphic Design Specialist, Interactive Media Specialist, Motion Graphics Artist, Multimedia Assistant, Multimedia Specialist, Office Information Specialist, Special Effects Technician, Video Editor, Video Game Designer, Video Producer, Video Production Assistant, Web Designer, Web Designer (Entry Level), Web Producer, Web Specialist, Webmaster
Locations:	WHS 117
Length:	1 Carnegie Unit (95 class periods theory/80 class periods lab)

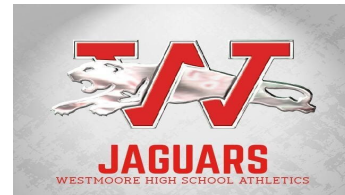
Course Description:

Students will acquire fundamental skills in image creation and management procedures and techniques as they create, revise, optimize, and export graphics for video, print, and web publishing.

Specific Learning Competencies - *Upon successful completion of this course, the student will be able to:*

1. Identify differences in platforms, browsers, display settings, etc., and related issues.
2. Use scanning software and scanning devices to properly scan reflective and transparent mediums.
3. Demonstrate basic design procedures using photo-editing software that include photo enhancement, correction, restoration, and manipulation.
4. Understand and employ design and color principles while creating visually appealing graphic images.
5. Manipulate, troubleshoot, compress, publish and export graphics and/or animations.
6. Apply appropriate techniques for web and print publishing.
7. Demonstrate sensitivity in communicating with a diverse workforce.
8. Understand legal and ethical issues in the IT field.
9. Prepare visual design specifications and evaluate visual appeal.
10. Demonstrate proficiency in the use of digital imaging techniques and equipment.
11. Produce or acquire graphics, animation, audio, and/or video content.

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12. Create and manipulate original digital images using the features of vector graphics software.

Instruction: (Based on 175 class periods)

87.5 Class Periods Image Capture/Acquisition, Management and Enhancement

87.5 Class Periods Image Creation, Management and Manipulation

Methods of Instruction:

(Choose method(s) of instruction – examples are: lectures, class discussions, hands-on-training, demonstrations, projects and performance evaluation.)

Required Testing:

(Select One)

Adobe:

- ACA Visual Design using Photoshop (0992)
- ACA Graphic Design & Illustration using Adobe Illustrator (0297)
- ACE Adobe Photoshop (4258)
- ACE Adobe Illustrator (4254)

ODCTE:

- Media Production: Production Assistant (603)
- Advertising Design: Graphic Designer (4112)
- Advertising Design: Illustrator (4113)

Precision Exams:

- Digital Media IA 810 (4160)
- Digital Media II (4162)

Brainbench:

- Adobe Photoshop (0281)
- Adobe Illustrator (0283)
- Presentation Skills (961)

Recognized Primary Course Textbooks and Instructional Resources:

Online:

<http://www.pearsonmylabandmastering.com/northamerica/mygraphicslab/>

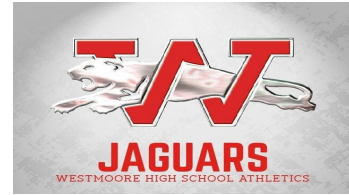
Lynda.com Online Learning Library

Textbooks:

Adobe Revealed Series Books (Photoshop, Advanced Photoshop, Illustrator)

Multimedia & Image Management Techniques

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Adobe Classroom in a Book <https://www.adobe.com/training/books/>

Design Fundamentals for New Media, 2nd Edition, 2013 ISBN: 1-133-13113-1

Video: Digital Communication & Production, 2013 ISBN: 978-1-60525-817-1

Learn Adobe Photoshop by Video: Core Training in Visual Communication, ISBN 978-0-321-63493-1

Adobe Illustrator Classroom in a Book

The Graphic Designer's Digital Toolkit: A Project-Based Introduction to Adobe Photoshop Creative Cloud, Illustrator Creative Cloud & InDesign Creative Cloud, 7th Edition, Allan Wood McIntosh College, Cengage Learning © 2015

Adobe Photoshop Creative Cloud Revealed, 1st Edition, Elizabeth Eisner Reding, Cengage Learning © 2015

Adobe Illustrator Creative Cloud Revealed, 1st Edition, Chris Botello Tabor Academy, Marion, Massachusetts, Cengage Learning © 2015

Adobe Certified Associate Program/ Preparation Materials

<http://www.adobe.com/education/certification-programs/preparation-materials.edu.html>

ctYou BMITE Teacher Resources - <https://ctyou.org/mod/book/view.php?id=1268>

Career Cluster Resources for Information Technology -

<http://www.careerclusters.org/information-technology>