Digitools/Web Design Syllabus
CHS Business/JVS/Family Consumer Science Department

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CHS Vision Statement: Our vision is to be a caring learning center respected for its comprehensive excellence.

CHS Mission Statement: Our mission is to prepare our students to serve their communities and to commit to life-long learning

Course Description and Prerequisite(s) from Course Handbook: Digitools/Web Design - 415
State Course #036000 Level II
A technology/business elective
Prerequisite: None Grade: 10-12
Graded: Conventionally Credit: 1
Recommended for College-bound Students

Prezis? Blogs? Podcasts? Do you know what these are? Do you want to learn how to use them? The first half of this course will include real-world connections and will help students understand how digital tools such as Smart phones and laptops are revolutionizing the way we perform everyday tasks. Topics such as podcasts, voice activation software, Prezi, Photoshop, Google Docs, web page design, and various online applications will be explored.

Web page development will be covered extensively in the 2nd half of this course. Effective use of HTML language and Dreamweaver will be covered. Practical application of these tools will be used in the development of several Web pages. Flash will be introduced to show students how to create their own animation in web design.

Learning Targets per Unit: Defined below for clarity are the Unit Titles, Big Ideas of every Unit taught during this course, and the Essential Questions to be answered to better understand the Big Ideas. A student’s ability to grasp and answer the Essential Questions
will define whether or not he or she adequately learns and can apply the skills found in Big Ideas. This will ultimately define whether or not a student scores well on assessments given for this course. The Common Core Standards can be found at http://www.corestandards.org/the-standards. (Teacher Note: The Ainsworth Model suggests 1-3 Big Ideas for each Unit and 1-3 essential questions per Big Idea. Each Unit will vary.)

- **1st or 3rd Quarter**
  - **Unit I Title: Impact of Digital Communication Tools**
    - **Big Idea #1: Digi Tools Basics**
      - Essential Question #1: What is the difference between computer hardware and software?
      - Essential Question #2: Can you list types of external storage?
      - Essential Question #3: What can you do to protect your computer from viruses?
    - **Big Idea #2: Communicating with Digital Technology**
      - Essential Question #1: Can you use e-mail?
      - Essential Question #2: Can you create a podcast?
      - Essential Question #3: Can you create a blog?
    - **Big Idea #3: Prezi**
      - Essential Question #1: Can you create a Prezi?
      - Essential Question #2: How do you allow others to see your Prezi?
  
  - **Unit II Title: DigiTools for the Classroom and Beyond**
    - **Big Idea #1: Google Docs**
      - Essential Question #1: Can you create and format in word processing?
      - Essential Question #2: Can you create and format a spreadsheet?
      - Essential Question #3: Can you create and format a presentation?
    - **Big Idea #2: Photoshop**
      - Essential Question #1: Can you use PS tools to edit a picture?
      - Essential Question #2: Can you add new layers?
      - Essential Question #3: Can you change the size of items?
    - **Big Idea #3: Create a video**
      - Essential Question #1: Can you use a Flip camera or a phone to take video?
      - Essential Question #2: Can you edit the video?
- **Essential Question #3:** Can you create a short video with a theme?

  - **Unit III Title:** Digital Communication Tools and Skills  
    - **Big Idea #1:** Speech Recognition  
      - Essential Question #1: Can you enter text using your voice?  
      - Essential Question #2: What are the pros and cons of speech recognition?  
    - **Big Idea #2:** Career Exploration  
      - Essential Question #1: Can you use your interests to find a career?  
      - Essential Question #2: What is the job outlook, average pay, and education required?  
    - **Big Idea #3:** Internet Electronic Projects  
      - Essential Question #1: Can you create an electronic poster?  
      - Essential Question #2: Can you use free photo editing software?

- **2nd or 4th Quarter**  
  - **Unit IV Title:** HTML  
    - **Big Idea #1:** Using the Internet  
      - Essential Question #1: Can you browse the Internet and mark favorites?  
      - Essential Question #2: What is the difference between copyright, fair use, and plagiarism?  
    - **Big Idea #2:** Formatting Pages  
      - Essential Question #1: What are the basic tags needed in a webpage?  
      - Essential Question #2: What tags are used to create a list?  
      - Essential Question #3: What tags are used to create a table?  
    - **Big Idea #3:** Links and Pictures  
      - Essential Question #1: Can you link pages?  
      - Essential Question #2: Can you insert a picture?

- **Unit V Title:** Flash  
  - **Big Idea #1:** Motion Tween  
    - Essential Question #1: Can you create a motion tween?  
    - Essential Question #2: Can you reshape the path?  
    - Essential Question #3: Can you add layers?  
  - **Big Idea #2:** Shape Tween
• Essential Question #1: Can you create a shape tween?
• Essential Question #2: Can you create a morphing effect?

  o Unit VI Title: Using Dreamweaver to Create Web Pages
    ▪ Big Idea #1: Dreamweaver (DW)
      • Essential Question #1: Can you type and edit in DW?
      • Essential Question #2: Can you add links?
    ▪ Big Idea #2: Working with Text and Images
      • Essential Question #1: Can you create lists?
      • Essential Question #2: Can you insert images?
    ▪ Big Idea #3: Links
      • Essential Question #1: Can you link pages?
      • Essential Question #2: Can you create an image map?

• END OF COURSE EXAM

Course Material:
Google Chromebook
Textbook: How to Create Web Pages@2002, McGraw-Hill, Kenneth C. Laudon
Adobe Dreamweaver CS4 Revealed @2009, Cengage, Sherry Bishop
Adobe Flash CS4 Revealed @2010, Cengage, Jim Shuman
Digital Communication Tools, Glencoe,

Grading:
Unit Exams 50%
Assessments (Including: Quizzes, Essays, Labs, and Projects) 30%
Class work/Homework 20%
  • End of Course Exam is 20% of a student’s final grade.

Grading Scale:
The grading scale for Chillicothe High School can be found in the student handbook or online at http://www.ccsd.us/1/Content2/studenthandbook

Course Expectations:
Class Rules:
1. Be punctual
2. Be prepared for class: bring charged Chromebook, pen or pencil, and paper to class every day
Procedures:
1. Students will complete bell ringer in the first few minutes of class.
2. Students will turn in work at the appropriate place and time.
3. Students will request permission from the teacher and get their agenda signed to leave the classroom for any reason.
4. Students will clean up after themselves.
5. Students are responsible for getting their make-up work after an absence.
6. Students are responsible for scheduling make-up tests and quizzes with the teacher.

Late Work: Late work will be subject to the board adopted policy on assignments that are turned in late (to be reviewed in class).
Information can be viewed on-line at http://www.ccsd.us/1/Content2/studenthandboook

CHS TENTATIVE DigiTools Web Design Course Schedule
This is an overview of what will be covered in this course at CHS for this school year. Although, I would like to follow this plan verbatim this years’ tentative schedule is subject to change (at the teachers’ discretion).

1st or 3rd 9 Weeks:
Week 1: Beginning of the Year Pre-Assessment Exam
Unit I Title: Impact of Digital Communication Tools
Week 1: DigiTools Basics
   • Formative Assessment
Week 2: Communicating with Digital Technology
   • Formative Assessment
Week 3: Prezi
   • Unit I Summative Assessment
      o Unit II Title: DigiTools for the Classroom and Beyond
Week 3: Google Docs
   • Formative Assessment
Week 4: Photoshop
   • Formative Assessment
Weeks 5-6: Create a video
   • Unit II Summative Assessment
Unit III Title: Digital Communication Tools and Skills
Week 7: Speech Recognition
   • Formative Assessment
Weeks 7-8: Career Exploration
   • Formative Assessment
Weeks 8-9: Internet Electronic Projects
   • Unit III Summative Assessment
2nd or 4th 9 Weeks:
Unit IV Title: HTML
Week 1: Using the Internet
  • Formative Assessment
Week 2-3: Formatting Pages
  • Formative Assessment
Week 4: Links and Pictures
  • Unit IV Summative Assessment

Unit V Title: Flash
Week 4: Motion Tween
  • Formative Assessment
Week 4: Shape Tween
  • Formative Assessment
  • Unit V Summative Assessment

Unit VI Title: Using Dreamweaver to Create Web Pages
Week 5-6: Dreamweaver
Week 7: Working with text and images
Week 8: Links
Week 9: Create a web site in Dreamweaver
  • Unit VI Summative Assessment

END OF COURSE EXAM

Performance Based Section: Writing Assignments/Exams/Presentations/Technology
One or more of the End of Unit Exams may be Performance Based. According to the Ohio Department of Education, “Performance Based Assessments (PBA) provides authentic ways for students to demonstrate and apply their understanding of the content and skills within the standards. The performance based assessments will provide formative and summative information to inform instructional decision-making and help students move forward on their trajectory of learning.” Some examples of Performance Based Assessments include but are not limited to portfolios, experiments, group projects, demonstrations, essays, and presentations.
CHS DigiTools Web Design Course Syllabus
After you have reviewed the preceding packet of information with your parent(s) or guardian(s), please sign this sheet and return it to me so that I can verify you understand what I expect out of each and every one of my students.

Student Name (please print): ________________________________

Student Signature: _______________________________________

Parent/Guardian Name (please print): _______________________

Parent/Guardian Signature: ________________________________

Date: ___________________________________________________