

WAYLAND BAPTIST UNIVERSITY

**DIVISION OF EDUCATION**

**University Mission:** Wayland Baptist University exists to educate students in an academically challenging, learning-focused and distinctively Christian environment for professional success and service to God and humankind.

# Course Number and Title: EDIT 5343 Web Applications

### Professor: Dr. Gene Whitfill

### Phone: (806) 291-1047 or (806) 296-7013

Email: whitfillg@wbu.edu

**Prerequisites:** This is a computer software skills course in website creation, web applications, web design and multimedia presentation that incorporates critical thinking and problem solving in the development of the skills.

**Course Description:** skill-building in how to use and teach web applications to instruct, solve problems and communicate based upon ISTE NETS-T standards.

**Resources:**

Web 2.0 Applications

Google Applications

**Recommended Books:**

# Retool Your School: The Educator's Essential Guide to Google's Free Power Apps[Paperback] ISBN-13: 978-1564842671

[James Lerman](http://www.amazon.com/James-Lerman/e/B001JS35FY/ref%3Dntt_athr_dp_pel_1) (Author), [Ronique Hicks](http://www.amazon.com/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&field-author=Ronique%20Hicks&ie=UTF8&search-alias=books&sort=relevancerank) (Author)

# Google Apps: The Missing Manual [Paperback] [Nancy Conner](http://www.amazon.com/Nancy-Conner/e/B001ITYTCM/ref%3Dntt_athr_dp_pel_1) (Author)

# Required Textbook:

# Google Apps For Dummies [Paperback]

[Ryan Teeter](http://www.amazon.com/s/ref%3Dntt_athr_dp_sr_1?_encoding=UTF8&field-author=Ryan%20Teeter&ie=UTF8&search-alias=books&sort=relevancerank) (Author), [Karl Barksdale](http://www.amazon.com/s/ref%3Dntt_athr_dp_sr_2?_encoding=UTF8&field-author=Karl%20Barksdale&ie=UTF8&search-alias=books&sort=relevancerank) (Author)  ISBN-13:**978-0470189580**

**Competency Outcomes:**

**TECHNOLOGY APPLICATIONS STANDARDS FOR ALL BEGINNING TEACHERS**

***Standard I.*** All teachers use technology-related terms, concepts, data input strategies, and ethical practices to make informed decisions about current technologies and their applications.

***Standard II.*** All teachers identify task requirements, apply search strategies, and use current technology to efficiently acquire, analyze, and evaluate a variety of electronic information.

***Standard III.*** All teachers use task-appropriate tools to synthesize knowledge, create and modify solutions, and evaluate results in a way that supports the work of individuals and groups in problem-solving situations.

***Standard IV.*** All teachers communicate information in different formats and for diverse audiences.

***Standard V****.* All teachers know how to plan, organize, deliver, and evaluate instruction for all students that incorporates the effective use of current technology for teaching and integrating the Technology Applications Texas Essential Knowledge and Skills (TEKS) into the curriculum.

**Course Requirements:**

Each student will create and showcase a unit portfolio that will include the following:

1. Five Web 2.0 Applications – 10 points each
2. Google Applications – word processor, spreadsheet, presentation software, website building – 20 points
3. Multimedia Enhancements – video and audio 10 points
4. Challenge Based Learning – lesson and delivery 20

**Computation of final grade:** Explained in Course Requirements

**University Grading System:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A** | 90-100 |  | Cr | For Credit\* |
| **B** | 80-89 |  | **NCR** | No Credit |
| **C** | 70-79 |  | **I** | Incomplete\*\* |
| **D** | 60-69 |  | **W** | Withdrawal |
| **F** | below 60 |  | **X** | No grade given |
|  |  |  | **IP** | In Progress |

\* A grade of CR indicates that credit in semester hours was granted but no grade or grade points were recorded.

\*\*A grade of incomplete is changed if the deficiency is made up by the end of the next regular semester; otherwise, it becomes F. This grade is given only if circumstances beyond the student’s control prevented completion of work during the semester enrolled and attendance requirements have been met.

**Attendance Policy:** Students are expected to make class attendance with punctuality a priority. More than 25% of class time missed will result in a grade of F. Students are encouraged to communicate promptly with the professor and/or classmates in case of an unavoidable absence in order to keep pace with the requirements of the course. Absences due to school activities require advance notice from the student and school sponsor. Percentage points will be deducted from the final accumulation of points for each unexplained or inexcusable absence. An example of an unexcused absence is oversleeping. You are training to be a professional. If you wouldn’t use the excuse for your boss/principal, don’t use it as excuse for your absence from this class. You will never be better as a teacher than you are a student.

**Assignments:** All assignments are to be completed. I wouldn’t assign them if I didn’t want you to do them. If corrections are required, I will show you how to make corrections and ask you to make the corrections and submit the assignment again. If you do all the assignments to my expectation, you will receive an A. I will post individual assignments weekly and expect it to be loaded to the digital dropbox within 7 days from the assignment.

**Note: Any student who, because of a disabling condition, may require some special arrangement in order to meet course requirements should contact the instructor as soon as possible to make necessary accommodations.**

**Course Outline:**

|  |  |
| --- | --- |
| Week | Assignment |
| 1-3 | Create Google loginUse Google applicationsCreate Word Processor, Spreadsheet, Presentation documentsShare documents Create Forms |
| 4-6 | Create web siteEnhance siteAdd Multimedia Video and Audio Web 2.0 Applications |
|  |  |
| 7-9 | More Web 2.0 Applications Avatar Creator and a host of others |
| 10 | Final Project – Create a web delivered unit including many of the tools listed above |
| 11 | Tying it all together – Integrating all of the resources! |

*I reserve the right to change/enhance the class by deviating from the planned lessons above.*

**Plagiarism**

“Plagiarism — The attempt to represent the work of another, as it may relate to written or oral works, computer-based work, mode of creative expression (i.e. music, media or the visual arts), as the product of one's own thought, whether the other's work is published or unpublished, or simply the work of a fellow student.

When a student submits oral or written work for credit that includes the words, ideas, or data of others, *the source of that information must be acknowledged through complete, accurate, and specific references*, and, if verbatim statements are included, through use of quotation marks as well. By placing one’s name on work submitted for credit, the student certifies the originality of all work not otherwise identified by appropriate acknowledgements. *A student will avoid being charged with plagiarism if there is an acknowledgement of indebtedness.* Examples include:

1. Quoting another person's actual words.
2. Using another person's idea, opinion, or theory, even if it is completely paraphrased in one's own words.
3. Drawing upon facts, statistics, or other illustrative materials — unless the information is common knowledge.
4. Submitting a paper purchased from a term paper service as one's own work.
5. Failing to accurately document information or wording obtained on the World Wide Web.
6. Submitting anyone else's paper as one's own work.
7. Violating federal copyright laws, including unauthorized duplication and/or distribution of copyrighted material.
8. Offering, giving, receiving or soliciting of any materials, items or services of value to gain academic advantages for yourself or another.”

Source: <http://www.wbu.edu/academics/academic_resources/writing_center/resources/plagiaraism.html>