



Course Syllabus

<b>COURSE NUMBER:</b> <b>EDTC 5560</b>	<b>COURSE TITLE:</b> Javascript	<b>TERM</b> <b>Fall 08</b>
<b>SITE: Main Campus</b>	<b>INSTRUCTOR CONTACT INFORMATION:</b> <b>Ken Reiss</b> <b>reissk@webster.edu</b> <b>314-843-0660</b>	<b>CREDIT HOURS: 2</b>

•This syllabus is subject to change at the discretion of the instructor.

**COURSE DESCRIPTION:**

This course is intended to help the student build a foundation using current graphics software as it relates to common internet and desktop publishing use.

1.

**2. LEARNING OUTCOMES**

Course Outcomes	SOE Goals, SOE Dispositions, and MoSTEP/Prof Standards Addressed
To build on the knowledge gained in Building Web pages and Advanced Web Pages.	
To develop basic programming skills as applied to web page development.	
To apply basic programming and problem solving skills to web page development, and to enhance the functionality of web pages designed for classroom use.	This course will help the student integrate script control of web pages to enhance functionality.

Schedule of required readings, class preparations and assignments, lectures, discussions, student presentations, out-of-class assignments and exams.

Schedule to be determined by class progress.

Like all programming languages, HTML and JavaScript are best learned by doing. During our study of JavaScript, we will be building on the knowledge from previous classes to progress to the next level. Please make your best effort to have all assignments completed at the beginning of the next class unless otherwise indicated. Students are responsible for material covered in the event a class must be missed.

Final projects are due the last night of class.

Week 1

Review of HTML basics. Tables and Frames.

Week 2

Intro to scripting. Purposes of scripting, other scripting options.

Week 3

Variables

Week 4

Variables and Functions

Week 5

Operators, Conditions and Loops

Week 6

Events and objects

Week 7

Summary, Project questions and workshop

Week 8

Final- Hands on project.

### 3. **RESOURCES:**

#### **Classroom:**

Required Text(s): Javascript: A Beginner's Guide, Second Edition, John Pollack. ISBN 0072227907

If you are taking the class in the classroom, you will also need a mass storage device for storing class samples and assignments. Recommended options are:

Floppy disks, if the lab is so equipped

USB Flash Drive – 128 MB Minimum

Zip Disk- 100 MB or 250 MB. MAC FORMAT

#### **OnLine:**

**There are no special requirements for the online class.**

### 4. **EVALUATION: (basis of evaluation with explanation regarding the nature of the assignment and the percentage of the grade assigned to each item below)**

Assessments	Links to Course Outcomes	Percentage of Grade
Class Assignments & Tests		40%
Final Project		40%
Participation		20%

## 6. GRADING SCALE

- A- 100-90%
- B- 89%-80%
- C-79%-70%

**Note: ALL PAPERS/PROJECTS MAY BE RETURNED VIA A SELF-ADDRESSED, STAMPED ENVELOPE. PAPERS ARE NOT AVAILABLE FOR PICK-UP IN THE SOE OFFICE.**

## 5. ACADEMIC HONESTY POLICY:

**Students at Webster University are expected to practice academic honesty.**

### Avoiding Plagiarism

Plagiarism is intentionally claiming that another person's work is his/her own or implying that another person's work is his/her own (through inadequate or inaccurate citations of reference material.)

Students:

- Should not copy whole portions of text from another source as a major component of papers or projects.
- Should identify the title, author, page number/webpage address, and publication date of works when directly quoting small portions of texts, articles, interviews, or websites.
- Should appropriately identify the source of information when paraphrasing (restating) ideas from texts, interviews, articles, or websites.
- Should follow the guidelines of the American Psychological Association Style Guide when referencing all research sources.

Consequences of Academic Dishonesty:

**No Credit for the class. Reported to administration for possible further action.**

For further information about the consequences of academic dishonesty please consult the Webster University Student Handbook.

## 6. ACCESSIBILITY/ACCOMODATIONS POLICY:

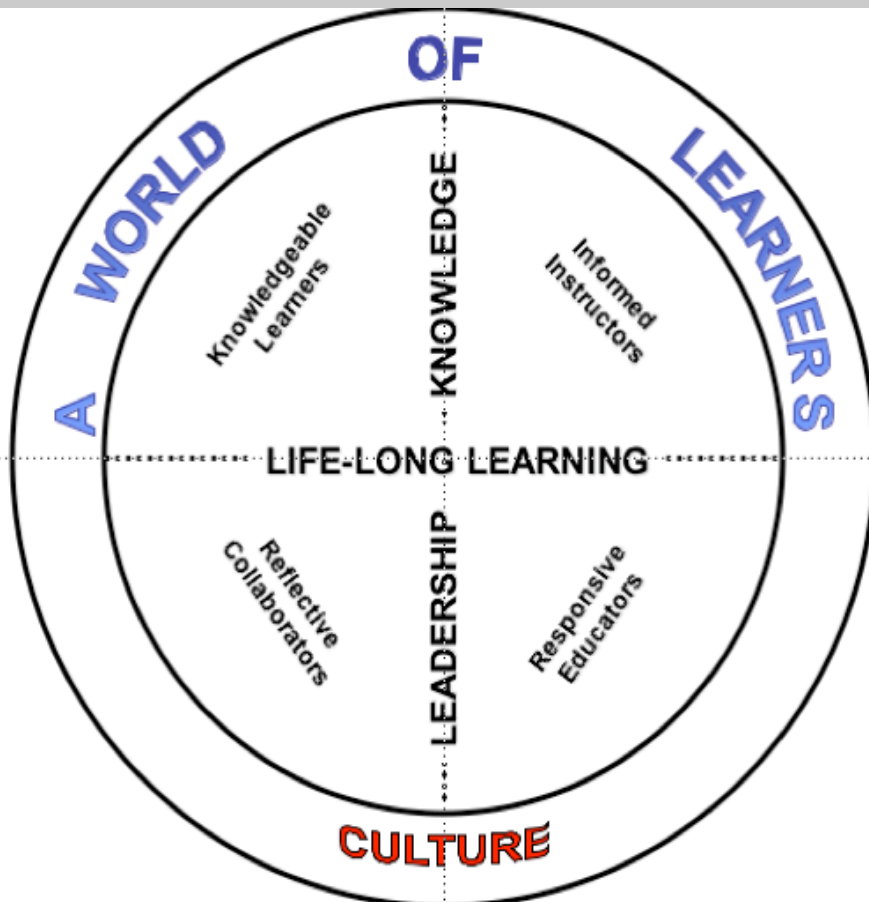
If you have a disability that may have some impact on your work in this class and for which you may require accommodations contact the Director of the Academic Resource Center, Dr. Pat McLeese, at (314) 968-7495.

WEBSTER UNIVERSITY  
SCHOOL OF EDUCATION

**Vision:** “ . . . We all must work to make this world worthy of its children.” (Casals, 1970)

**Mission:** The School of Education at Webster University provides its students with the knowledge, experiences, and practical tools that help them guide both themselves and others toward lifelong learning. The School of Education is a community of educator-scholars who apply critical reflections and creative energies to enhance learning in schools and other educational settings. The faculty strives to support this community by modeling effective teaching practices based on sound theory and research. Personalized approaches create a challenging, yet supportive environment that permits the risk-taking necessary for learning and growth. The School of Education encourages its faculty and students to work actively toward this end, keeping in mind that action must be rooted in visionary, yet realistic, thinking. This thought and action process underscores the development of an inner-directed self-understanding, an outer-directed global perspective, and an appreciation of human diversity that arises from both.

**Theme:** Developing a world of learners through knowledge, leadership, and life-long learning.



The universal mandala (a circle with intersecting vertical and horizontal lines) graphically represents the conceptual framework of the School of Education. The outer circle provides the framework for a “world of learners” in cultural settings. The two axes represent the theme components of knowledge, leadership, and life-long learning. These lines are broken to emphasize the fluid relationship of the goals and integrated concepts. Each quadrant represents one of the school’s four goals for its candidates: to develop knowledgeable learners, informed instructors, reflective collaborators, and responsive educators.

## Goals

1. Education candidates will demonstrate knowledge of the subject matter, knowledge of the learner, and knowledge of pedagogy based on inquiry and scholarship.

### The knowledgeable learner:

- 1.1 knows content that supports conceptual understanding;
  - 1.2 applies tools of inquiry to construct meaningful learning experiences;
  - 1.3 identifies developmental factors in student learning; and
  - 1.4 understands theoretical principles of effective instruction to plan learning experiences.
2. Education candidates will incorporate multiple assessment and instructional strategies to support effective educational practices based on research and theory.

### The informed instructor:

- 2.1 designs curriculum based on students’ prior knowledge, learning styles, strengths, and needs;
  - 2.2 understands and uses a range of instructional strategies;
  - 2.3 uses a variety of communication modes, media, and technology to support student learning; and
  - 2.4 employs a variety of formal and informal assessments to monitor learning and modify instruction.
3. Education candidates will reflect on the roles educators take as leaders of change through collaboration with colleagues, students, and families in schools and communities.

### The reflective collaborator:

- 3.1 values and integrates reflection to grow as a professional;
  - 3.2 promotes communication and collaboration with colleagues, families, and community leaders;
  - 3.3 seeks relationships with families and students to support student learning; and
  - 3.4 initiates change that benefits students and their families.
4. Education candidates will demonstrate respect for diversity through responsive teaching and learning that values individual differences.

### The responsive educator:

- 4.1 understands and responds appropriately to issues of diversity
- 4.2 acknowledges social and cultural contexts to create effective teaching and learning environments;
- 4.3 adapts instruction to the learner’s knowledge, ability, and background experience; and
- 4.4 identifies resources for specialized services when needed.

**Dispositions:**

NCATE defines dispositions as “the values, commitments and professional ethics that influence behaviors toward students, families, colleagues, and communities and affect student learning, motivation, and development as well as the educator’s own professional growth. ” (Professional Standards, p. 53) There is significant value in focusing attention on qualities that make an effective teacher.

1. Understands and Respects Self
  - 1.1 Understands and respects that s (he) may be different from others
  - 1.2 Embraces an openness to change (adaptability, flexibility)
  - 1.3 Exhibits curiosity
  - 1.4 Engages in reflection
  
2. Understands and Respects Others
  - 2.1 Understands, respects, and responds appropriately to diversity in a variety of settings
  - 2.2 Exhibits empathy
  - 2.3 Commits to fairness and honesty
  - 2.4 Listens respectfully to other points of view
  
3. Understands and Respects Professional Communities
  - 3.1 Commits to professional behavior in university and school cultures
  - 3.2 Practices informed decision-making in university and school cultures
  - 3.3 Communicates and collaborates in university and school cultures
  - 3.4 Accepts academic rigor (willingness to work/ high expectations)
  - 3.5 Affects change with courage and confidence