



Course Syllabus

SOCS 5750 / .01	Rick Burns	/ BurnsRi@gw.kirkwood.k12.mo.us
COURSE NUMBER AND SECTION	INSTRUCTOR	E-MAIL ADDRESS

Brain Based Research	Fall 2, 2002	/ 3 Credit Hours
COURSE TITLE	TERM	CREDIT HOURS

Webster Groves
SITE

1. Course Description: (provide details of student focus, rationale, scope, and prerequisites)

THIS COURSE EXPLORES RESEARCH ON THE BRAIN AS IT IMPACTS TEACHING AND LEARNING. MUCH MORE A METHODOLOGY COURSE THAN BIOLOGY,, THIS COURSE IS APPLICABLE PRE K-12.

2. Learning Outcomes: (goals, objectives, course outcomes, etc.) Identify any MOSTEP or professional standards that are met by each learning outcome.

HOW THE BRAIN: PROCESSES INFORMATION; RETAINS INFORMATION; RECALLS INFORMATION; AND WHAT IMPEDES INFORMATION. THE INTERPLAY OF EMOTION AND INTELLECT; ILLUSION AND REALITY; STUDY SKILLS; CONSTRUCTIVIST PEDAGOGY; AND MULTIPLE LEARNING AND TEACHING STYLES ARE ALSO PRESENTED

MOSTEP STANDARDS:

ALL OF STANDARD 1 – CONCEPT, TOOLS AND STRUCTURE; STANDARD 2 – LEARNING AND DEVELOPMENT; STANDARD 3 – LEARNING STYLES
 4.1 LEARNING EXPERIENCES; 5.1 ALTERNATIVE TEACHING STRATEGIES; 5.2 ACTIVE LEARNING;
 ALL OF STANDARD 6 – MOTIVATION; STANDARD 7 – MODELS EFFECTIVE TECHNIQUES; STANDARD 8 – ASSESSMENT;
 9.2 RESOURCES; 9.3 – ETHICAL STANDARDS; 10.2 – TALKS AND LISTENS; 10.3 – RELATIONSHIPS

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

TEACHER DEVELOPED BOOK OF READING AND A CLASS TEXT.
 SCHEDULE OF ACTIVITIES AND PRESENTATIONS DISTRIBUTED FIRST NIGHT OF CLASS.

The Missouri Show-Me Standards are addressed within the content of this course. Identification of specific standards are included within course assignments. Integration of

Missouri Assessment Program (MAP) standards and grade levels will be integrated into this course when appropriate.

4. Resources:

Text(s): BRAIN BASED RESEARCH IN THE CLASSROOM

Supplemental Readings: (list and indicate how these are to be used)

BOOK OF READINGS ON RECENT RESEARCH IN THE FIELD

Audio-visual/other:

YES. SEVERAL DIFFERENT FILMS PERTINENT TO TOPIC

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

Term Paper(s) PROJECT IS WORTH 40 % OF GRADE

- a) Examination(s)
- b) Class presentation(s) 20%
- c) Curriculum project
- d) Class Participation 30%#
- e) Other 10%

6. Supplements (study guide, sample tests, project outlines may be attached.) Please list.

7. 3 Hour Courses: Students taking an 8 week course for 3 credit hours will complete the following additional assignments and/or attend the following additional class meetings:
 - a) Lab
 - b) Curriculum Project AS ASSIGNED BY INSTRUCTOR
 - c) Paper(s)
 - d) AV Project
 - e) Other

8. FINAL PROJECTS: Final projects/papers will be returned to students in the following manner:
 - Projects/Papers will be returned during the last meeting period.
 - Students should provide a self-addressed stamped envelope (appropriate size and postage) to the instructor so project/paper can be returned. YES.
 - Other (explain)

NOTE; Papers will not be available for pick up from the School of Education Office.

- This syllabus is subject to change at the discretion of the instructor.
- Regular class attendance is required.