

Meta-cognition, Motivation, and Affect
Term C, 2010
Professor Ryan Shaun Joazeiro de Baker
SYLLABUS

Instructor Info

Phone: 508-831-5355 **Email:** rsbaker@wpi.edu

Office: Salisbury Laboratories 317A

Office hours: By Appointment

Course Schedule and Readings: <http://users.wpi.edu/~rsbaker/MMA2011/course-schedule-2011.html>

Required Texts: You are not required to purchase any books, however I recommend looking over the semester's readings and seriously considering purchasing some of the books which the readings are drawn from.

Information on how to obtain course readings will be provided in class.

Course Goals: This course covers three key types of constructs that significantly impact learning and performance in real-world settings, including but not limited to educational settings. Students will gain understanding of the main theoretical frameworks, and major empirical results, that relate individuals' meta-cognition, motivation, and affect to real-world outcomes, both in educational settings and other areas of life. Students will learn how theories and findings in these domains can be concretely used to improve instruction and performance, and complete final projects that require applying research in these areas to real-world problems. Students will do critical readings on research on this topic.

Course Pre-requisites: None

Assignments:

(Details on all assignments will be given in class)

- Topic lecture – individual 15%
- Topic paper – individual 15%
- Course project proposal presentation – group 15%
- Course project methods paper – group 15%
- Course project results paper – group 15%
- Course project presentation – group 15%
- Class participation 10%

In the course project, methods can be applied either to data/research questions selected by the instructor, or to data/research questions that the students select him or herself. No preference will be given to either choice, in terms of grades assigned; however, selecting your own data and/or research questions will involve obtaining prior approval for your idea. You are strongly encouraged to integrate the course project into your thesis research if possible.

Assignments should be turned in via email to the course instructor. Due dates for all assignments are given in the course schedule. All assignments are due before the beginning of class on the due date. An assignment turned in once class has begun is considered to be late. An assignment turned in late, but

within 72 hours of the beginning of class on the due date, will receive a penalty of 20% (e.g. maximum grade = 80%). Assignments turned in after 72 hours will receive 0 credit. (Exceptions for illness, injury, death in the family, or corresponding situations may be made at the instructor's discretion).

Readings: Students are expected to complete all readings before class. Failing to complete readings will not be directly penalized, but is likely to reduce course grades indirectly. More importantly, you'll get more out of the lectures if you've read the readings.

Examinations: No examinations will be given in this course.

Plagiarism and Cheating: If you are unsure as to what plagiarism and cheating consist of, please contact the instructor before submitting an assignment that may include plagiarism or cheating. You may also want to read the Student Guide to Academic Integrity at WPI, if you are uncertain as to what plagiarism and cheating are. University regulations will be followed to the letter.

Accommodations For Students With Disabilities (quoted from Jeanine Skorinko's SS2400 syllabus): If you need course adaptations or accommodations because of a disability, or if you have medical information to share with me, please make an appointment with me as soon as possible. If you have not already done so, students with disabilities, who believe that they may need accommodations in this class, are encouraged to contact the Disability Services Office (DSO), as soon as possible to ensure that such accommodations are implemented in a timely fashion. The DSO is located in Daniels Hall, (508) 831-5235.