

Santa Ana College
Occupational Studies Program
OS 304 - Movement Theory & Analysis
Fall 2017

SYLLABUS

COURSE DESCRIPTION: Movement is a significant aspect of occupational performance. This course will focus on current theories of motor control and motor learning with an emphasis of how these theories can be applied to provide evidence-based practice to people with motor dysfunction.

COMMUNICATION: Active communication is essential for this class. If you are having any problems with this class (or the OS program) please let me know. The best way to communicate with me is via email. I will respond to emails sent on Monday through Saturday within 24 hours. I encourage you to come by my office with any questions or concerns or just to have a chat.

EXPECTATIONS: This is an upper division course, which will require independent thinking, research, and critical analysis. This is an accelerated 8-week course and it will move quickly. It is important that you keep up with all assignments. This is a hybrid course will be partially online and partially in class. Saturday classes are scheduled on the following dates:

- November 4
- November 18
- December 2
- December 9
- December 16

INSTRUCTOR: Michelle Parolise, MBA, OTR/L Office: T 209. Phone: (714) 564-6833. Email: parolise_michelle@sac.edu

OFFICE HOURS: I will be available after class for all Saturday class meetings. I will also have office hours: Monday 1-3, Tuesday 3-4, Wednesday 11-12, Thursday 12-1 and Saturday 12-1. I can also be available at other times by appointment.

STUDENT LEARNING OUTCOMES:

- Students will apply theories of motor control to clinical practice with a variety of client populations
- Students will analyze motor learning and its application to recovery of motor function
- Students will describe the clinical management of postural control using motor, sensory, and cognitive processes of the client
- Students will develop clinical treatment plans for clients with motor dysfunction based on evidence from research on motor control

SAC MISSION STATEMENT:

Santa Ana College inspires, transforms, and empowers a diverse community of learners.

COURSE OBJECTIVES:

- Compare and contrast theories of motor control including hierarchical, systems, reflex, motor planning, and ecological.
- Investigate the physiology of motor control and the neurological constraints on it.
- Validate the importance of theory in clinical interventions.
- Describe the physiological basis of motor learning and recovery of function.
- Examine development, contributing factors, and clinical management of postural control.
- Investigate fine motor skills in terms of motor control and clinical management of fine motor function.

REQUIRED TEXT: Shumway-Cook, A., & Woollacott, M.: Motor Control: Translating Research into Clinical Practice, 5th edition, Wolters-Kluwer, 2017.

COURSE REQUIREMENT: Students are responsible for all lecture content, assigned readings, assignments, and objectives from course modules. Students are expected to complete all reading assignments for each learning module and complete all written assignments on specified due dates.

GRADING CRITERIA: Grading in the class will be based on discussion boards, quizzes, activities in Saturday classes, and written assignments.

Discussion Boards:	25%
Quizzes:	30%
Saturday activities:	25%
Assignments	20%

Quizzes will be given during the first hour of class time on dates as listed in the schedule. There will be class lecture/discussion/activities following the quiz. These quizzes can be made up due to illness but will require a physician's note.

GRADING SCALE: A = 90-100%
B = 80-89%
C = 70-79%
D = 60-69%
F = below 60%

ABSENCE/DROP: It is the student's responsibility to withdraw officially from the course. A student will be dropped by the instructor if the first discussion board activity is not completed within the first week of class.

ACADEMIC HONESTY POLICY: Academic dishonesty is seen as an intentional act of fraud, in which a student seeks to claim credit for the work or efforts of another without authorization, or uses unauthorized materials or fabricated information in any academic exercise. As institutions, we also consider academic dishonesty to include forgery of academic documents, intentionally impeding or damaging the academic work of others, assisting other students in acts of dishonesty or coercing students into acts of dishonesty.

Procedures - In cases where a violation of academic honesty is discovered, the faculty member is encouraged to file an "Academic Misconduct Incident Report" form and distribute the form to the appropriate offices listed. Once the student has committed an act of academic dishonesty, said student may not withdraw from the course to receive the grade of "W".

There are two categories of sanctions: Limited and College-wide. Limited sanctions include an academic action such as assigning a lower grade or a grade of "F" for the assignment, project, or test. College-wide sanctions include any sanction that will affect a student's standing with the college-at-large, up to and including suspension or expulsion from the College.

In matters relating to academic honesty violations, the primary responsibility for disciplinary proceedings rests with the instructor and the academic division where the violation allegedly occurred. The Dean of Student Affairs will assist in all College-wide sanctions.

ACADEMIC ACCOMMODATION: A student with a disability, who would like to request an academic accommodation, is responsible for identifying herself/himself to the instructor and to the Disabled Student Programs and Services (DSPS). To make arrangements for academic accommodations, contact the disabled Student Office in VL 203 or phone (714) 564-6295, TTY (714) 564-6284 for referral to the appropriate DSPS counselor.