

DULA Doctorate Syllabus DOM 702A, Evidence-Based Medicine in Acupuncture

COURSE INFORMATION

Course Number, Title:	DOM 702A, Evidence-Based Medicine in Acupuncture
Number of Hours/Units:	30 hours/3 units
Prerequisites:	None
Course Schedule:	<i>[type your class day and time in here, for example: Thursday, 10AM-1PM]</i>
Course Instructor (email):	<i>[type your name, degree title and email address in here, for example: xxx, L.Ac., abcde@dula.edu]</i>
Instructor Office Hours:	<i>[type your available time to meet outside of classroom hours, for example: "After class, or by appointment"]</i>

COURSE DESCRIPTION

This course identifies and describes the scientific evidence based on the neuroanatomy, neurophysiology and biochemical process of acupuncture mechanism, meridian and points. The students will analyze, organize and discuss the current research findings on acupuncture to give the insight of how the insertion and stimulation of the acupuncture needles affect the human body. This course supports our graduates' ability to collaborate and interact with other biomedical healthcare personnel, based on the knowledge of current neurophysiological and biochemical theories of the effects of Acupuncture.

LEARNING OBJECTIVES

- Understand and explain the scientific based on the evidence related to acupuncture mechanism.
- Demonstrate and criticize the current scientific theory of the acupuncture mechanism.
- Uphold this theory to the new stage to define one's capability in proposing and assessing a new idea for the improvement of the future acupuncture theory and research.
- Integrates the scientific theory of acupuncture to the appropriate clinical practice.
- Apply current scientific evidence about the neurophysiological and biochemical processes associated with acupuncture to collaborate and interact with other biomedical healthcare personnel.

CORRELATION OF THE CLASS TO THE DAOM EDUCATIONAL OBJECTIVES

- () Competently apply the advanced diagnosis and treatment skills of the program's core Oriental Medicine curriculum
- (O) Demonstrate competency in critical application of evidence-based medicine towards research, scholarship, and patient-care
- () Demonstrate competency in application of advanced Traditional Korean Medicine theories and modalities within the program's specialty
- (O) Demonstrate ability to educate others in Acupuncture and Oriental Medicine
- (O) Demonstrate competency in integrative medical practices to advance Oriental Medicine and effectively collaborate on patient care with other healthcare systems
- () Demonstrate competency in engaging in "best practices" in patient-centered clinical management

TEACHING METHODS

Lecture	In-class discussion	Hands-on practical training	Demonstration	Oral Presentation	Audio and/or visual tutorial segments	Off-campus field trips	Off-campus speakers/consultants
0	0		0	0			

Other (explain): _____

INSTRUCTIONAL MATERIALS

Required Text(s): Intearctive Medical Acupuncture anatomy. Narda G. Robinson. Tenton New Media, 2016.

Integrative Pain Medicine: The Science and Practice of Complementary and Alternative Medicine in Pain Management. Joseph Audette and Allison Bailey. Humana Press, 2008.

[type required texts in here]

Recommended Text(s): Myofascial Trigger Points: Comprehensive Diagnosis and Treatment. Dominik Irrnich. Churchill Livingstone, Elsevier, 2013.

Medical acupuncture: A Western Scientific Approach. 2nd Edition. Jacqueline Filshie et al. Elsevier, 2016.

Neurobiology of Acupuncture, Zeng, Bai-Yun, 1st Edition, Elsevier, 2013.

Chinese Acupuncture and Moxibustion, Chen, Xinnong, 3rd Edition, Foreign Language Press (2010).

In-class Text: *[type in-class handouts or other materials here]*

Online resources: *[type online resources here]*

COURSE REQUIREMENTS

Course Requirement Clarification	Percentage Breakdown for Final Grade
Regular Attendance (mandatory - please refer to attendance policy mentioned in this syllabi)	10%
<p>Out-of-classroom work: <i>To successfully complete the course, student is also required to plan studying minimum of 2 hours out-of-class for each 1 hour of academic in-class hour; and half an hour out-of-class for each hour of clinical training.</i></p> <p>Read and analyzes the required texts and various references including published scientific articles, papers, case study reports, related to the topic that you learnt in the class and also for the topic of the following week class. Student’s critical thinking, opinions and discussions</p>	<p><i>[type the percentage here, for example: 20%]</i></p>

in each of the following classes are important as part of the learning process in the doctoral program. <i>[type the type of assignment in here]</i>	
Midterm Assignment: Oral Presentation: Case Study Report Analysis Collect several case study reports, do your comparison, analyze and reflect your idea for the application to approach current clinical practice and future development of Acupuncture practice and research. <i>[type your midterm assignment in here]</i>	<i>[type the percentage here, for example: 35%]</i>
Final Assignment: Oral Presentation: Scientific Research Article Analysis Collect several scientific research articles, do your comparison, analyze and reflect your idea for the application to approach current clinical practice and future development of Acupuncture practice and research. <i>[type your final exam assignment in here]</i>	<i>[type the percentage here, for example: 35%]</i>
Total:	100%

COURSE SCHEDULE

Week	Date	Topic	Out-of-classroom Work – minimum 6 hours / week
1	<i>[type date here]</i>	Neuroanatomy, neurophysiology and biochemical influences on pain mechanism	Integrative Pain Medicine Chapter 2-4, 6-7 Medical Acupuncture Anatomy Section 1
2	<i>[type date here]</i>	Biomechanism of Acupuncture in Pain Management	Integrative Pain Medicine Chapter 5, 18, 23 Medical Acupuncture Anatomy Section 2
3	<i>[type date here]</i>	Scientific Research and Clinical Application on Acupuncture Points and Meridian of Lung, Large Intestine and Stomach	Medical Acupuncture Anatomy Section 3 Channel 1-3
4	<i>[type date here]</i>	Scientific Research and Clinical Application on Acupuncture Points and Meridian of Spleen, Heart, Small Intestine	Medical Acupuncture Anatomy Section 3 Channel 4-6
5	<i>[type date here]</i>	Scientific Research and Clinical Application on Acupuncture Points and Meridian of Urinary Bladder, Kidney, Pericardium	Medical Acupuncture Anatomy Section 3 Channel 7-9
6	<i>[type date here]</i>	MIDTERM ORAL PRESENTATION	Review and revision of the midterm paper assignments
7	<i>[type date here]</i>	Scientific Research and Clinical Application on Acupuncture Points and Meridian of San Jiao, Gall Bladder, Liver	Medical Acupuncture Anatomy Section 3 Channel

			10-12
8	[type date here]	Scientific Research and Clinical Application on Acupuncture Points and Meridian of 8 Extraordinary Vessels	Medical Acupuncture Anatomy Section 4
9	[type date here]	Scientific Research and Clinical Application on Acupuncture Points and Meridian of Extra Points other systems	Medical Acupuncture Anatomy Section 4
10	[type date here]	FINAL ORAL PRESENTATION	Review and revision of the final paper assignments

GRADING POLICY & EVALUATION

P	(pass) Satisfactory completion of all required coursework. A percentage of 75% will be required to receive a Pass
F	(fail) Unsatisfactory completion of coursework.
W	(withdraw)
I	(incomplete)
IP	(in progress)

Please reference the DAOM Catalog for more information regarding the University's grade point system.

ATTENDANCE POLICY

University policy requires that attendance is factored in as at least 10% of a student's final grade. Students with more than 2 unexcused absences will be considered to automatically fail a course, and 3 marks of tardiness will be counted as 1 absence.

Please reference the DAOM Catalog for more information regarding this policy.

ACADEMIC DISHONESTY

Academic dishonesty includes providing or receiving answers from other students during or after an examination, plagiarism, knowing use of illegally copied educational material in any format, using informational aids such as "crib sheets" or other types of notes during an examination (if not allowed), or anything else that might reasonably be construed as cheating. Students who are found to be academically dishonest will automatically receive an "F" in that particular course and are subject to dismissal or suspension for 1 quarter, and may be placed on administrative probation.

STUDENTS WITH DISABILITIES

Dongguk University Los Angeles is committed to providing support services to achieve equal access to the education experience. The Student Services Coordinator is available to provide assistance for students who exhibit significant difficulties due to a disability. DULA will support students to understand his/her limited abilities and compensate for them with ADA accommodations and alternative resources as well. Registration for assistance from the Student Services Coordinator is on a voluntary, self-identifying basis. However, services are only available after a student has registered and presents current documentation of the disability from an appropriate specialist or physician. All information and documentation are confidential.

Please refer to the DAOM Catalog for more information regarding this policy and procedure.

SPECIAL NOTES

[type here for additional notes]