

BCN 6036 RESEARCH METHODS IN CONSTRUCTION CITYLAB

INSTRUCTOR: R. Raymond Issa, Ph.D., J.D., P.E., F.ASCE, API

CLASSROOM: CITY LAB

OFFICE: RNK 304

OFFICE HOURS: By Appointment

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OBJECTIVE: To familiarize the student with the research proposal development process and the statistical, computational, visualization, and presentation tools available to the researcher. The course will parallel the organization of a research proposal.

PREREQUISITES: None

TEXT (RECOMMENDED):

Naoum, S.G. (1998 or latest), Dissertation Research and Writing for Construction Students, Butterworth-Heinemann, Oxford, UK.

REFERENCES: BCN 6036 Class WWW site

Thomas, R. M. and Brubaker, D. L. (2000 or latest), Theses and Dissertations: A Guide to Planning, Research, and Writing. Bergin and Garvey, Westport, Connecticut.

Chicago Manual of Style, 14th Ed. (1993 or latest) University of Chicago Press, Chicago, IL.

Publication Manual of the American Psychological Association, 4th Ed., (1994 or latest). American Psychological Association, Washington, DC.

READING ASSIGNMENTS:

Students are responsible for all assignments whether or not the material is covered in class.

CLASS POLICIES

Attendance

Attendance is voluntary. However, if you choose to attend, it is **mandatory** that you be on time.

Grading

The Final Exam will be comprehensive.

1400 pts Class Assignments

400 pts Final Exam

1800 pts

The University's Academic Honesty Code will be strictly enforced.

Honor Code

The University of Florida's Student Honor Code will be strictly enforced.

Student Evaluations

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and

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respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

GRADING SCALE:

A = 90.0 AND ABOVE	C = 70.0 to 76.9
A ⁻ = 87.0 to 89.9	C ⁻ = 67.0 to 69.9
B = 80.0 to 86.9	D = 60.0 to 66.9
B ⁻ = 77.0 to 79.9	E = below 60

SYLLABUS

<u>Modules</u>	READ NOTES	RECOMMENDED TEXT	HW #	Due Date
<u>Month 1</u>				
1-5	Introduction; Literature Search; Evaluating Articles You Read; Review of Literature/Background; Articles You Read; Abstract/Executive Summary.		1	5/16-5/17/2020
<u>Month 2</u>				
6-9	Statistical Analysis I-IV Methodology		2-5	6/13-6/14/2020
<u>Month 3</u>				
10-14	Completing the Research		6-9	7/11-7/12/2020
<u>Month 4</u>				
	Research Proposal Presentations and Critiques		10-13	8/8-8/9/2020

Comprehensive Test – Closed Book - Essay and fill in the blank questions.

Note: Coverage of the syllabus material is contingent upon availability of time and student progress in grasping the subjects covered.