DBLD 7551  
Collaborative Practice Lab

Credit Hours: 1 Credit (4 contact hours/week)

Co-Requisites: DBLD 7550 (for all Design-Build majors)  
DBLD 6620 (for Design-Build majors in the design track)

Texts/Resources:  


Course Description: The Collaborative Practice Lab will complement DBLD 7550 by providing a structured, collaborative environment for students to engage in interdisciplinary, team-based assignments related to the application of the principles and lessons addressed in the lecture course and in DBLD 6620 (Design Construction Studio).

Course Objectives: The Collaborative Practice Lab will engage students in problem-solving exercises designed to apply principles and concepts related to effective pre-construction collaboration between design and construction professionals. These exercises will allow students to test their understanding of these concepts and provide critical feedback on the keys to successful application of these success strategies.

Course Content: Building on the case studies and industry professional presentations integrated into DBLD 7550, the Collaborative Practice Lab will organize students into multi-person teams with representation from both the “design” and “construction” tracks of the DBLD program on each team. These student teams will work on assignments which parallel the topics covered in DBLD 7550, and which illustrate the range of collaborative tasks which must be completed in the preconstruction phase of projects produced on an integrated project delivery model. The Collaborative Practice Lab will utilize the design brief developed in DBLD 6620 Design – Construction Studio as the armature around which the Lab assignments will be developed.
The Lab Topic/Assignment Schedule will include:

Week 1-2: Successful Teaming Strategies: Setting Team Goals & Work Process Planning

Week 3-4: Project Program, Schedule and Budget Feasibility Analysis

Week 5: Project Design Opportunities & Constraints Analysis

Weeks 6-9: Construction Technology Options Analysis

Weeks 10-12: Construction Logic Analysis

Weeks 13-14: Conceptual Budgeting & Scheduling

Week 15: Team Presentations

Requirements/ Evaluation:

Each of the six exercises will be evaluated and graded. These evaluations will contribute 60% of the final grade.

Each student team will be required to incorporate the results of each exercise into a written/graphic comprehensive final report. This report will contribute 30% of the final grade.

In addition, each team will develop an oral report for presentation to the class in the final week of the term. This presentation will contribute 10% of the final grade.

Course Policies:

Excused Absences: Students are granted excused absences from class for the following reasons: Illness of the student or serious illness of a member of the student’s immediate family, the death of a member of the student’s immediate family, trips for student organizations sponsored by an academic unit, trips for University classes, trips for participation in intercollegiate athletic events, subpoena for a court appearance, and religious holidays. Students who wish to have an excused absence from this class for any other reason must contact the instructor in advance of the absence to request permission. The instructor will weigh the merits of the request and render a decision.

When feasible, the student must notify the instructor prior to the occurrence of any excused absences, but in no case shall such notification occur more than one week after the absence. Appropriate documentation for all excused absences is required. Please see the Tiger Cub for more information on excused absences.

Academic Honesty Policy: All portions of the Auburn University student academic honesty code (Title XII) found in the Tiger Cub will apply to this
class. All academic honesty violations or alleged violations of the SGA Code of Laws will be reported to the Office of the Provost, which will then refer the case to the Academic Honesty Committee.

Disability Accommodations: Students who need special accommodations in class, as provided for by the American Disabilities Act, should arrange a confidential meeting with the instructor during office hours the first week of classes - or as soon as possible if accommodations are needed immediately. You must bring a copy of your Accommodation Memo and an Instructor Verification Form to the meeting. If you do not have these forms but need accommodations, make an appointment with The Program for Students with Disabilities, 1244 Halley Center, 844.2096 (V/TT) or email: scw0005@auburn.edu

Justification for Graduate Credit:

Students in this lab will be applying advanced professional knowledge to compete assignments structured to simulate professional situations and problems. Success in these exercises will require the application of the critical thinking and analysis skills expected of professional in the design and construction industry. Feedback and evaluation will incorporate rigorous professional standards and will be provided by faculty holding graduate faculty status and by invited industry professionals.