MODIFIED SYLLABUS

BSCI 7040/ DBLD 7040
Integrated Process II

Credit Hours: 3 Credits

Prerequisite: Departmental approval


Course Description: An overview of advanced construction process, covering stages from contract to close-out.

Course Objectives:
- Develop advanced understanding of construction sequencing, structural systems and MEP systems
- Develop skills in budget estimating and pre-construction services
- Develop skills in life-cycle costing analysis
- Project commissioning and closeout
- Cycling historic data for internal use

Course Content:

Weeks 1 – 4 Sequencing: CIP, Composite Frames, Contemporary Systems

Weeks 5 – 8 Pre-Construction Budgeting, Unit costing, design budgets

Weeks 8 – 9 Life Cycle Analysis

Weeks 10 – 12 Commissioning Benefits + Cost, Close-out

Weeks 13 – 15 Cumulative Representative Project

Requirements/ Evaluation:

Each student will be expected to prepare for in-class discussion.

Class Participation 20%
Quizzes 20%
Mid-term project 20%
Comprehensive Final Project 40%
Grading Scale:
A = 90-100
B = 80-89.99
C = 70-79.99
D = 60-69.99
F = <60
Course Policies:  

**Attendance:** Attendance in class is mandatory. Students are allowed one unexcused absence with no effect on their grade. Each additional unexcused absence will lower the final grade by two points.

**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:

This course will be graded on a 10-point scale; feedback and evaluation will incorporate rigorous professional standards and will be provided by faculty holding graduate faculty status.

Existing syllabus follows (see p. 3)
EXISTING SYLLABUS

BSCI 7040
Integrated Process II

Credit Hours: 3 Credits

Prerequisite: Departmental approval


Course Description: Construction project delivery, from pre-construction service through ownership. Topics include project management, pre-construction services, pre-planning, procurement, site utilization, subcontracts, commissioning, closeout, building operation, and long-term ownership.

Course Objectives:
- Develop advanced understanding of construction sequencing, structural systems and MEP systems
- Develop skills in budget estimating and pre-construction services
- Develop skills in life-cycle costing analysis
- Project commissioning and closeout
- Cycling historic data for internal use

Course Content:

Weeks 1 – 4  Sequencing: CIP, Composite Frames, Contemporary Systems

Weeks 5 – 8  Pre-Construction Budgeting, Unit costing, design budgets

Weeks 8 – 9  Life Cycle Analysis

Weeks 10 – 12  Commissioning Benefits + Cost, Close-out

Weeks 13 – 15  Cumulative Representative Project

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