

School of Construction Program Outcomes
Construction Engineering Technology (BCT)

2013-2014

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| | 2 |

The program has undergone significant stresses in the past four years (turnover in leadership and teaching corps). Traditional enrollment has fallen since the recession of 2008-2009 paralleling trends in the construction industry, while distance-learning (online) enrollment has increased. Currently the program has 170 traditional students and 200 online students enrolled.

The following are improvement initiatives in the BCT Program underway in various stages of implementation:

- A. Curriculum Redesign: The curriculum has been evaluated by the School of Construction Curriculum Committee and the following changes have been recommended:
 - a. The addition and/or consolidation of courses. These changes enable the BCT and ACT (Architectural Technology) programs to have a common set of courses in the first two years of study. Additionally, students in each program will gain competencies traditionally specific to each of the programs. This alignment is consistent with industry trends and requirements for entry-level graduates. This change should also address ABET weaknesses above (a, e, g). Status: Submittal materials for the College and University Academic Councils are being reviewed for submission in the Fall 2014 term.
 - b. Renumbering of courses and designation of new prerequisites: Some courses have been designated to receive lower course numbers so as to be taken earlier in the curriculum. The School of Construction Curriculum Committee has determined that new prerequisites are required to increase student success in all course and program outcomes, as well as increase quality overall. Status: Submittal materials for the College and University Academic Councils are being reviewed for submission Fall 2014.
 - c. Cohort ma

| Sharp ACT & BCT | 1. Practice freehand sketching skills of architectural/construction related items | | | | | | | | | 12 | | | | | | | | | | 12 | 12 |
|--------------------------------------|--|-------|--|--|--|--|------|-------|--|----|--|--|--|-----|------|--------|--|--|--|--------|----------|
| | 2. Produce orthographic projections | | | | | | 3-5 | | | | | | | | | | | | | 3-5 | 3-5 |
| | 3. Identify common architectural symbols | 10,11 | | | | | 6-11 | 14 | | 11 | | | | | 6-11 | 6-9,11 | | | | 6-9,11 | 11 |
| | 4. Identify common architectural abbreviations | 10 | | | | | | 14 | | 10 | | | | | | | | | | | 10,14 |
| | 5. Identify common architectural terms | 10 | | | | | | 13,14 | | 10 | | | | | | | | | | | 10,13,14 |
| Architectural Graphics | 6. Create basic 2-D drawings using computer-aided drafting and design software | | | | | | 1-9 | | | | | | | 1-9 | 1-9 | | | | | 1-9 | 1-9 |
| Architectural Graphics Laboratory | 7. Create a partial drawing set of a residence using computer-aided drafting and design software | 11 | | | | | 11 | | | | | | | 11 | 11 | | | | | | 11 |

FA13

School of Construction Program Outcomes

2013-2014


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|--------------------|--|---|-----|--|--|-----|---|---|---|-----|-----|-----|
| | 1. Identify the materials included in CSI Masterformat Divisions 3-14 | | | | | 6 | | | | 6 | 6 | |
| | 2. Create a report on observations made of materials being applied on both commercial and residential construction sites | 2 | | | | 2 | 2 | 2 | 2 | | 2 | |
| Sharp | 3. Define common construction processes and materials related terms | 5 | 7,8 | | | 5-8 | | | | 7,8 | 5-8 | 5-8 |
| ACT & BCT | 4. Create a 1,250 - 1,750 word (5-7 pages) research paper about one construction material | | | | | 3 | 3 | | | 3 | 3 | 3 |
| Building Materials | | | | | | | | | | | | |

| Sharp | 1. Calculate the components of a force | 1-3,8 | 1-3,8 | 1-3,8 | | | | | | | | | | | | | | | | |
|---------------------|--|----------|----------|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 2. Calculate the moments of forces | 5-6, 8-9 | 5-6, 8-9 | 5-6, 8-9 | | | | | | | | | | | | | | | | |
| | 3. Work problems involving the method of joints and sections | 8 | 8 | 8 | | | | | | | | | | | | | | | | |
| ACT & BCT | 4. Work problems involving pulleys | 4 | 4 | 4 | | | | | | | | | | | | | | | | |
| | 5. Trace load paths on structures | 9 | | | | | | | | | | | | | | | | | | |
| Statics & Strengths | 6. Calculate axial, shear and bearing stresses | 4,8-9 | 4,8-9 | 4,8-9 | | | | | | | | | | | | | | | | |
| | 7. Calculate axial strain using Hooke's law | 4,8 | 4,8 | 4,8 | | | | | | | | | | | | | | | | |
| | 8. Calculate thermal stresses | 4 | 4 | 4 | | | | | | | | | | | | | | | | |
| | 9. Calculate centroids and moments of inertia | 5-6,9 | 5-6,9 | 5-6,9 | | | | | | | | | | | | | | | | |
| | 10. Construct load, shear, and moment diagrams | 5-6,9 | 5-6,9 | 5-6,9 | | | | | | | | | | | | | | | | |
| | 11. Calculate flexural stresses and beam deflections | 7 | 7 | 7 | | | | | | | | | | | | | | | | |
| | 12. Analyze and design columns | 7 | 7 | 7 | | | | | | | | | | | | | | | | |

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|-----------|--|-------|-------|
| | 1. Recognize the functional areas (structure) of the host organization | 3,6,7 | |
| Kemp | 2. Identify functional roles (tasks, responsibilities) in industry and the intern's functional role within the host organization | 3,6,7 | 3,6,7 |
| ACT & BCT | 3. Identify to which of the life cycle | | |

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| | | |
| 1. Provide average to excellent discussion capabilities with respect to the current issues in construction. | 1-4 | 1-4 |

Kemp
 BCT
 Seminar

Measure with steel tape, correct for errors, and adjust for temperature and tension 1-3 

School of Construction Program Outcomes

2013-2014

| Langar | 1. Identify and understand Building System and Materials. | 6-8 | | | 6-8 | | | | | 1-4, 6-8 | | | 6-8 | | | | | | 6-8 | |
|---------------------|---|-----------|--|--|-----|---------|------|------|------|----------|------|--|-----|--|--|--|--|---------|-----|--------|
| | 2. Identify and evaluate sources of information on building systems | | | | 6-8 | | | | | 6-8 | | | | | | | | | | |
| | 3. Understand Sequenced Activities for Construction of Systems. | 6-8 | | | 6-8 | | | | | 4, 6-8 | 6, 7 | | 6-8 | | | | | | 6-8 | 7, 8 |
| Building Systems II | 4. Determine Resources Required to complete the installation of the system | 6-8 | | | 6-8 | | | | | 4, 6-8 | 6, 7 | | 6-8 | | | | | | 6-8 | 2, 6-8 |
| | 5. Understand, compare, and evaluate building materials from the perspective of technological, human, ecological, and economic performance. | 1-4, 6-8, | | | 6-8 | | 6, 7 | | | 4, 6-8 | 6, 7 | | 6-8 | | | | | 4, 7, 8 | 6-8 | 6-8 |
| | 6. Understand, compare, and evaluate building materials from the perspective of supply chain | 6-8 | | | 6-8 | | | | | 4, 6-8 | 6, 7 | | 6-8 | | | | | | | |
| | 7. Analyze and express constructability issues. | 6-8 | | | 6-8 | | | | | | 6, 7 | | 6-8 | | | | | | | 6-8 |
| | 8. Perform as an integral member of a technical team and communicate effectively within the team and with other teams within the class | | | | | 1, 5, 7 | | 6, 7 | 5, 7 | | | | | | | | | | | |

| | FA13 F-F | | | | FA13 ONL | | | | SP14 F-F | | | | SP14 ONL | | | |
|-----------------------|------------|----------------|-----------|-------|------------|----------------|-----------|-------|------------|----------------|-----------|-------|------------|----------------|-----------|-------|
| | Assessment | #students >= C | #students | Ratio | Assessment | #students >= C | #students | Ratio | Assessment | #students >= C | #students | Ratio | Assessment | #students >= C | #students | Ratio |
| 1 Quiz I | 1 | 9 | 19 | 47% | | | | | | | | | 1 | 23 | 31 | 74% |
| 2 Quiz II | 2 | 2 | 19 | 11% | | | | | | | | | 2 | 12 | 31 | 39% |
| 3 Quiz III | 3 | 10 | 19 | 53% | | | | | | | | | 3 | 7 | 31 | 23% |
| 4 Quiz IV | 4 | 8 | 19 | 42% | | | | | | | | | 4 | 19 | 31 | 61% |
| 5 Team Assignment I | 5 | 19 | 19 | 100% | | | | | | | | | 5 | 21 | 31 | 68% |
| 6 Team Assignment II | 6 | 16 | 19 | 84% | | | | | | | | | 6 | 30 | 31 | 97% |
| 7 Class Participation | 7 | 18 | 19 | 95% | | | | | | | | | 7 | 30 | 31 | 97% |
| 8 Final Exam | 8 | 12 | 19 | 63% | | | | | | | | | 8 | 24 | 31 | 77% |
| | | | AVG | | | | | | | | | | | | | AVG |

| Langar | 1. Introduce types of construction contracting systems | 4, 6-9 | | | | 4, 6-9 | 4, 6-9 | 4, 6-9 | | | | | 4, 6-9 | | | | | 7-9 | | | | |
|---------------------------|--|---------------|--|--|--|---------------|---------------|---------------|--|-----|--|--|--------|--|--|--|--|-----------|---|--|-------|---------|
| | 2. Define the prevalent types of business ownership | 1, 6-9 | | | | 1, 6-9 | 1, 6-9 | 1, 6-9 | | | | | | | | | | | | | | |
| | 3. List the duties/functions within overall organizational structure of a construction company | 6-8 | | | | 6-8 | 6-8 | 6-8 | | | | | | | | | | | | | | |
| Construction Organization | 4. Understand teamwork, operate in teams, and importance of ethics | 5-7 | | | | 5-7 | 5-7 | 5-7 | | 5-7 | | | | | | | | | | | 1,8,9 | |
| | 5. Define and list estimating functions/operations and their relationship to managing a construction company | 2, 4, 7-9 | | | | 2, 4, 7-9 | 2, 4, 7-9 | 2, 4, 7-9 | | | | | | | | | | 2, 4, 7-9 | | | | |
| | 6. Define the types of project delivery | 1, 2, 6, 8, 9 | | | | 1, 2, 6, 8, 9 | 1, 2, 6, 8, 9 | 1, 2, 6, 8, 9 | | | | | | | | | | | | | | |
| | 7. Familiarize with construction industry, associated stakeholders, and relationship between them | 1, 5, 8, 9 | | | | 1, 5, 8, 9 | 1, 5, 8, 9 | 1, 5, 8, 9 | | | | | | | | | | | | | | |
| | 8. Define the types of construction surety bonds and insurances available and list the uses of each | 8, 9 | | | | 8, 9 | 8, 9 | 8, 9 | | | | | | | | | | 8, 9 | | | | |
| | 9. Define scheduling and explain relationship between activities | 3, 7, 8, 9 | | | | 3, 7-9 | 3, 7-9 | 3, 7-9 | | | | | 3, 7-9 | | | | | 4, 7-9 | 7 | | | 3, 7-9 |
| | 10. Define the accounting methods used in the construction industry | 4, 7-9 | | | | 4, 7-9 | 4, 7-9 | 4, 7-9 | | | | | | | | | | | | | | |
| | 11. List the duties/functions within field organizational structure of a construction company | 7, 8 | | | | 7, 8 | 7, 8 | 7, 8 | | | | | | | | | | | | | | |
| | 12. Realize the importance of safety and role of organization in implementation | 3, 8, 9 | | | | 3, 8, 9 | 3, 8, 9 | 3, 8, 9 | | | | | | | | | | | | | | 3, 8, 9 |

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|-----------|------|-----|----|-----|------|-----|--|--|------|-----|--|--|------|-----|----|-----|
| | FA13 | F-F | | | FA13 | ONL | | | SP14 | F-F | | | SP14 | ONL | | |
| 1 Quiz I | 1 | 2 | 25 | 8% | | | | | | | | | 1 | 26 | 38 | 68% |
| 2 Quiz II | 2 | 6 | 25 | 24% | | | | | | | | | 2 | 9 | 38 | 24% |

| Basha | Site Plan Analysis | 1 | 1 | | | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | | | 1 | | 1 | | |
|----------------|---|---|---|--|--|---|---|---|--|--|--|---|---|---|---|---|--|---|---|---|---|--|
| | Organizational Chart & Cost Control Plan | 1 | 1 | | | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | |
| | Document & Material Control Plans & Video Presentation for items 1 through 3. | 1 | 1 | | | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | | | 1 | | 1 | | |
| Senior Project | Safety Plan | 1 | 1 | | | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | | | 1 | | 1 | 1 | |
| | Estimate | 1 | 1 | | | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | | |
| | Schedule | 1 | 1 | | | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | | | 1 | | 1 | 1 | |
| | Executive Summary | 1 | 1 | | | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | | | 1 | | 1 | | |
| | Final Notebook Submittal & Final Video Presentation | 1 | 1 | | | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | | | 1 | | 1 | | |

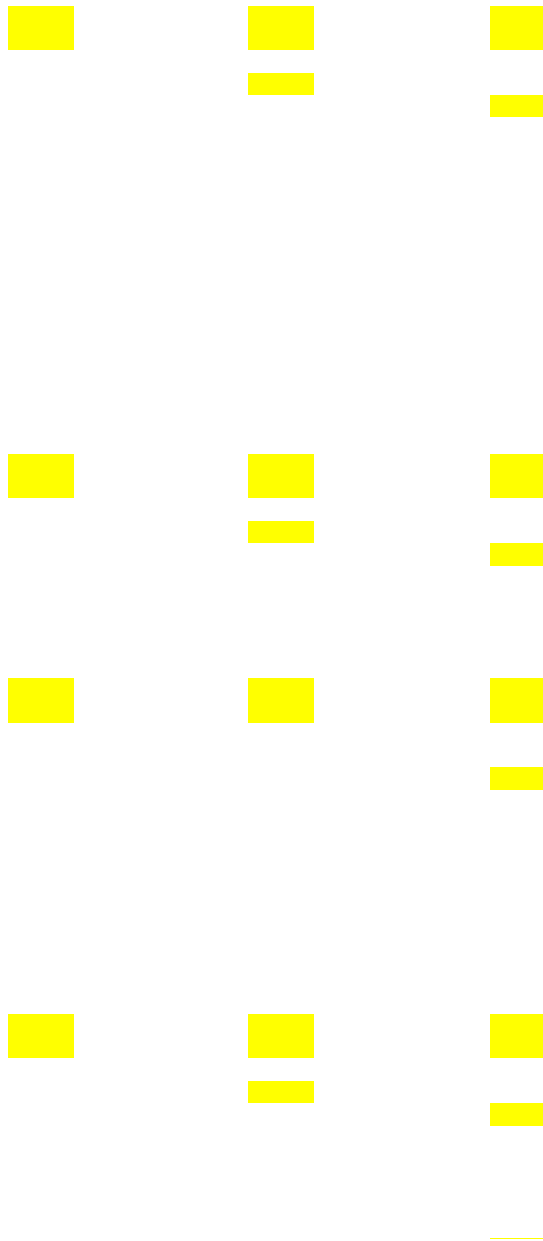
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|----------|---|-----|-----|-----|-----|
| | 1. Identify and assemble the components of a construction cost estimate | 1-4 | 1-4 | 1-4 | 1-4 |
| | 2. Be familiar with the start up activities for assembling a complete bid | | | 1-4 | 1-4 |
| | 3. Categorize work into various scope packages | | 2-4 | | |
| Fletcher | 4. Determine general conditions and overhead costs | | | | |

| Langar | 1. Delivery methods, CM selection criteria | 1, 2, 5, 7, 8 | | | | 1, 2, 5, 7, 8 | 1, 2, 5, 7, 8 | 1, 2, 5, 7, 8 | | | 5, 7 | 6, 7 | | | | | | | | | |
|--------------------|--|---------------|--|--|--|---------------|---------------|---------------|---------|---------|---------|------|--|------|--|---|--|--|---------|--------|--|
| | 2. Explain the bid documents, bid components, and procurement strategies | 3, 6-8 | | | | 3, 6-8 | 3, 6-8 | 3, 6-8 | | | 7 | 7 | | | | 6 | | | | | |
| | 3. Introduction to construction law | 4, 7, 8 | | | | 4, 7, 8 | 4, 7, 8 | 4, 7, 8 | | | | | | | | | | | 4, 7, 8 | | |
| Project Management | 4. Importance of Teamwork | 5-7 | | | | 5-7 | 5-7 | 5-7 | 5-8 | 5-8 | | 5, 6 | | | | | | | 5-7 | | |
| | 5. Prepare, evaluate, and modify job schedules | 6, 7 | | | | 6, 7 | 6, 7 | 6, 7 | | | | 6 | | 6, 7 | | 6 | | | | 6, 7 | |
| | 6. Understanding of project chronology | 6, 7 | | | | 6, 7 | 6, 7 | 6, 7 | | | 6, 7 | 6 | | 6, 7 | | 6 | | | | 6, 7 | |
| | 7. Describe and implement job safety management practices | 4, 6-8 | | | | 4, 6-8 | 4, 6-8 | 4, 6-8 | | | | 6 | | | | | | | | 4, 6-8 | |
| | 8. Introduction to the concept of best practices | 5, 7, 8 | | | | 5, 7, 8 | 5, 7, 8 | 5, 7, 8 | 5, 7, 8 | 5, 7, 8 | 5, 7, 8 | 5 | | | | | | | | | |
| | 9. Understanding of use of technology and its impact on project management | 1, 2, 6-8 | | | | 1, 2, 6-8 | 1, 2, 6-8 | 1, 2, 6-8 | | | 7 | 7 | | | | | | | | | |

| | FA13 | F-F | | | FA13 | ONL | | | SP14 | F-F | | | SP14 | ONL | | | | |
|-----------------------|------|-----|-----|------|------|-----|--|--|------|-----|-----|--|------|-----|----|-----|--|--|
| 1 Quiz I | 1 | 3 | 7 | 43% | | | | | | | | | 1 | 20 | 30 | 67% | | |
| 2 Quiz II | 2 | 3 | 7 | 43% | | | | | | | | | 2 | 9 | 30 | 30% | | |
| 3 Quiz III | 3 | 3 | 7 | 43% | | | | | | | | | 3 | 15 | 30 | 50% | | |
| 4 Quiz IV | 4 | 0 | 7 | 0% | | | | | | | | | 4 | 25 | 30 | 83% | | |
| 5 Team Assignment I | 5 | 7 | 7 | 100% | | | | | | | | | 5 | 27 | 30 | 90% | | |
| 6 Team Assignment II | 6 | 7 | 7 | 100% | | | | | | | | | 6 | 28 | 30 | 93% | | |
| 7 Class Participation | 7 | 7 | 7 | 100% | | | | | | | | | 7 | 27 | 30 | 90% | | |
| 8 Final Exam | 8 | 1 | 7 | 14% | | | | | | | | | 8 | 24 | 30 | 80% | | |
| | | | AVG | | | AVG | | | | | AVG | | | AVG | | AVG | | |

#students >= C
#students

| | | | | | | |
|------|---|---|---|---|---|----------|
| Kemp | 1. Locate appropriate CFR reference for various construction hazards 2. Visually recognize compliance and non-compliance issues and situations | 5 | 7 | 1 | 1 | 5,7 5 |
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School of Construction Program Outcomes

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|----|------|------|-----|------|-----|-----|------|-----|-----|-----|------|----|-----|-----|--|
| AS | 591 | 713 | 83% | FA13 | 322 | 413 | 78% | F-F | 227 | 299 | 76% | 83 | 591 | 713 | 83% (591 of 713) of student work samples (projects, exams, quizzes, papers) were scored 70 (out of 100) or better on all assessments supporting ABET Associate Degree Program Specific Criteria 'a FA13: F-F = 76% (227 of 299); ONL = 83% (95 of 114); SP14: F-F = 100% (17 of 17); ONL = 89% (252 of 283); |
| | | | | | | | | ONL | 95 | 114 | 83% | | | | |
| | | | | SP14 | 269 | 300 | 90% | F-F | 17 | 17 | 100% | | | | |
| | | | | | | | | ONL | 252 | 283 | 89% | | | | |
| AS | 520 | 651 | 80% | FA13 | 212 | 276 | 77% | F-F | 190 | 251 | 76% | 80 | 520 | 651 | 80% (520 of 651) of student work samples (projects, exams, quizzes, papers) were scored 70 (out of 100) or better on all assessments supporting ABET Associate Degree Program Specific Criteria 'b FA13: F-F = 76% (190 of 251); ONL = 88% (22 of 25); SP14: F-F = 87% (45 of 52); ONL = 81% (263 of 323); |
| | | | | | | | | ONL | 22 | 25 | 88% | | | | |
| | | | | SP14 | 308 | 375 | 82% | F-F | 45 | 52 | 87% | | | | |
| | | | | | | | | ONL | 263 | 323 | 81% | | | | |
| AS | 177 | 195 | 91% | FA13 | 86 | 99 | 87% | F-F | 27 | 28 | 96% | 91 | 177 | 195 | 91% (177 of 195) of student work samples (projects, exams, quizzes, papers) were scored 70 (out of 100) or better on all assessments supporting ABET Associate Degree Program Specific Criteria 'c FA13: F-F = 96% (27 of 28); ONL = 83% (59 of 71); SP14: F-F = 100% (30 of 30); ONL = 92% (61 of 66); |
| | | | | | | | | ONL | 59 | 71 | 83% | | | | |
| | | | | SP14 | 91 | 96 | 95% | F-F | 30 | 30 | 100% | | | | |
| | | | | | | | | ONL | 61 | 66 | 92% | | | | |
| AS | 38 | 41 | 93% | FA13 | 16 | 19 | 84% | F-F | 0 | 0 | 0% | 93 | 38 | 41 | 93% (38 of 41) of student work samples (projects, exams, quizzes, papers) were scored 70 (out of 100) or better on all assessments supporting ABET Associate Degree Program Specific Criteria 'd FA13: F-F = 0% (0 of 0); ONL = 84% (16 of 19); SP14: F-F = 100% (4 of 4); ONL = 100% (18 of 18); |
| | | | | | | | | ONL | 16 | 19 | 84% | | | | |
| | | | | SP14 | 22 | 22 | 100% | F-F | 4 | 4 | 100% | | | | |
| | | | | | | | | ONL | 18 | 18 | 100% | | | | |
| AS | 1271 | 1514 | 84% | FA13 | 513 | 612 | 84% | F-F | | | | | | | |



Shane Germany

Sketchbook

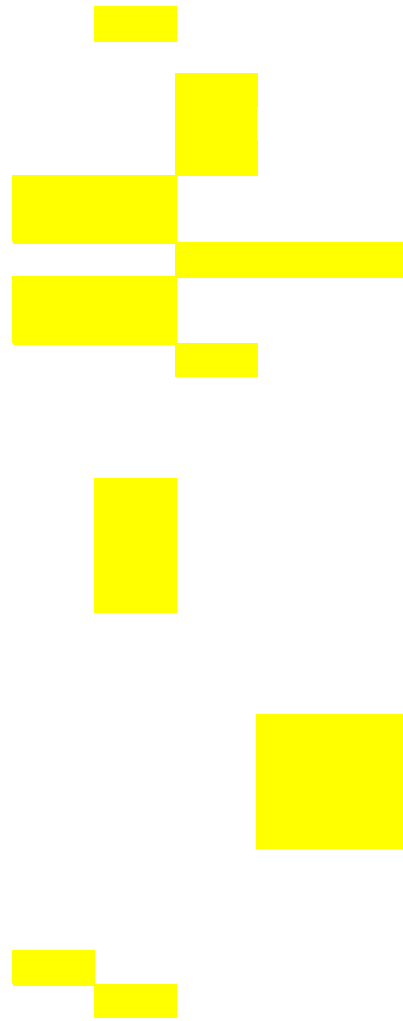
Sketchbook

Sketchbook

CAD Exercises

Quizzes

Final Exercise



Small sample size, similar to BCT comments









Small sample size, ,monitor








Small sample size, ,monitor

14/22 ACT-BCT Students opted not to submit the final or submitted it grossly incomplete; Monitor, prepare students better for the reality of a culmulative final & time commitment;

| | | |
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| Jessica Sharp | | |
| 3. Assignment 3 | | Cheating was discovered, so multiple students received a "0" for this assignment. Remediation: Course delivery has been altered to reduce cheating. Assignments are graded but awarded less credit towards the student's overall grade. Exams are now proctored, ensuring each student understands and retains the course materials. |
| 5. Assignment 5 | | Cheating was discovered, so multiple students received a "0" for their submission. Remediation: Course delivery has been altered to reduce cheating. Assignments are graded but awarded less credit towards the student's overall grade. Exams are now proctored, ensuring each student understands and retains the course materials. |
| Doris Kemp | | |
| 1. Internship agreement | | |
| 4. Implement conversation between instructor/supervisor | | Low numbers of students: no action required |

School of Construction Program Outcomes

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|----------------------|---|---|---|
| Sandeep langar | | | |
| 1 Quiz I |  |  | Moniter, small sample |
| 1 Quiz I | | | Small Sample |
| 2 Quiz II |  | | Moniter, small sample |
| 3 Quiz III | | | Explicitly mention what the quiz covers |
| 3 Quiz III | |  | Small Sample |
| 4 Quiz IV |  | | Explicitly mention what the quiz covers |
| 4 Quiz IV | |  | Small Sample |
| 6 Team Assignment II | | | Small Sample |
| 9 Final Exam |  | | Moniter, small sample |
| 9 Final Exam | |  | Small Sample |

| | | | |
|----------------|---|---|--------------|
| Sandeep langar | | | |
| 1 Quiz I |  | | Small Sample |
| 1 Quiz I | |  | |
| |  | | |
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School of Construction Program Outcomes

2013-2014

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|----|------|------|-----|----|-------|------|-----|------|---------|---------|----------|--------------|
| GC | 1772 | 1945 | 91% | GC | 2500 | 2827 | 88% | GC | 1529 | 2019 | 76% | |
| GC | 1534 | 1688 | 91% | GC | 2313 | 2614 | 88% | GC | 1373 | 1561 | 88% | |
| GC | 889 | 929 | 96% | GC | 779 | 911 | 86% | GC | 139 | 154 | 90% | |
| GC | 954 | 1017 | 94% | GC | 831 | 989 | 84% | GC | 1073 | 1201 | 89% | |
| GC | 1642 | 1874 | 88% | GC | 1593 | 1776 | 90% | GC | 998 | 1354 | 74% | |
| GC | 1271 | 1439 | 88% | GC | 2129 | 2436 | 87% | GC | 2037 | 2531 | 80% | |
| GC | 894 | 966 | 93% | GC | 1792 | 1986 | 90% | GC | 1690 | 2137 | 79% | |
| GC | 832 | 929 | 90% | GC | 621 | 731 | 85% | GC | 379 | 443 | 86% | |
| GC | 974 | 1121 | 87% | GC | 608 | 694 | 88% | GC | 913 | 1067 | 86% | |
| GC | 207 | 234 | 88% | GC | 302 | 359 | 84% | GC | 390 | 548 | 71% | |
| GC | 2183 | 2512 | 87% | GC | 2923 | 3296 | 89% | GC | 1329 | 1500 | 89% | |
| AS | 1331 | 1490 | 89% | AS | 2206 | 2504 | 88% | AS | 591 | 713 | 83% | |
| AS | 1016 | 1080 | 94% | AS | 1219 | 1419 | 86% | AS | 520 | 651 | 80% | |
| AS | 332 | 342 | 97% | AS | c4351 | 579 | 628 | 92% | AS | 177 | 195 | 91% |
| AS | 832 | 949 | 88% | AS | 435 | 509 | 85% | AS | 38 | 41 | 93% | |
| AS | 146 | 195 | 75% | AS | 719 | 830 | 835 | -0.0 | 10.7877 | 308.078 | 241.4553 | Tm(e)Tj/TT09 |

School of Construction Program Outcomes

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| | | | | |
| | | | Average of 19 ratings on the evaluation category supporting 2013-2014 ABET General Criteria 'a' was 3.3. (4 = Very True; 3 = True; 2 = Somewhat True; 1 = Not True) | Met |
| | | | Average of 19 ratings on the evaluation category supporting 2013-2014 ABET General Criteria 'b' was 3.3. (4 = Very True; 3 = True; 2 = Somewhat True; 1 = Not True) | Met |
| | | | Average of 19 ratings on the evaluation category supporting 2013-2014 ABET General Criteria 'c' was 3.3. (4 = Very True; 3 = True; 2 = Somewhat True; 1 = Not True) | Met |
| | | | Average of 19 ratings on the evaluation category supporting 2013-2014 ABET General Criteria 'd' was 2.8. (4 = Very True; 3 = True; 2 = Somewhat True; 1 = Not True) | |
| | | | Average of 19 ratings on the evaluation category supporting 2013-2014 ABET General Criteria 'e' was 3.1. (4 = Very True; 3 = True; 2 = Somewhat True; 1 = Not True) | Met |
| | | | Average of 19 ratings on the evaluation category supporting 2013-2014 ABET General Criteria 'f' was 3.3. (4 = Very True; 3 = True; 2 = Somewhat True; 1 = Not True) | Met |
| | | | Average of 19 ratings on the evaluation category supporting 2013-2014 ABET General Criteria 'g' was 3.3. (4 = Very True; 3 = True; 2 = Somewhat True; 1 = Not True) | Met |
| | | | Average of 19 ratings on the evaluation category supporting 2013-2014 ABET General Criteria 'h' was 3.3. (4 = Very True; 3 = True; 2 = Somewhat True; 1 = Not True) | Met |
| | | | Average of 19 ratings on the evaluation category supporting 2013-2014 ABET General Criteria 'i' was 3.3. (4 = Very True; 3 = True; 2 = Somewhat True; 1 = Not True) | Met |
| | | | Average of 19 ratings on the evaluation category supporting 2013-2014 ABET General Criteria 'j' was 3.1. (4 = Very True; 3 = True; 2 = Somewhat True; 1 = Not True) | Met |
| | | | Average of 19 ratings on the evaluation category supporting 2013-2014 ABET General Criteria 'k' was 3.2. (4 = Very True; 3 = True; 2 = Somewhat True; 1 = Not True) | Met |
| | | | Average of 19 ratings on the evaluation category supporting 2013-2014 ABET Associate Degree Program Specific Criteria 'a' was 3.1. (4 = Very True; 3 = True; 2 = Somewhat True; 1 = Not True) | Met |

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| | Average of 19 ratings on the evaluation category supporting 2013-2014 ABET General Criteria 'd' was 2.8. (4 = Very True; 3 = True; 2 = Somewhat True; 1 = Not True) | Require degree plan check to ensure increased sample size of respondents |
| | Average of 19 ratings on the evaluation category supporting 2013-2014 ABET Associate Degree Program Specific Criteria 'd' was 2.9. (4 = Very True; 3 = True; 2 = Somewhat True; 1 = Not True) | Require degree plan check to ensure increased sample size of respondents |
| | Average of 19 ratings on the evaluation category supporting 2013-2014 ABET Baccalaureate Degree Program Specific Criteria 'f' was 2.9. (4 = Very True; 3 = True; 2 = Somewhat True; 1 = Not True) | Require degree plan check to ensure increased sample size of respondents |