

**Summary of all Program Outcomes
for all Surveys in a given semester/year
KANSAS STATE UNIVERSITY
COLLEGE OF ENGINEERING
Construction Science and Management
2015 SPRING**

Alumni Surveys and Employer Surveys measured only in Spring semesters

(Average results from each source)

PROGRAM OUTCOMES

- 1 Technical Knowledge Program Learning Outcome**
- a Graduates must be able to apply engineering, science, and math fundamentals to solve construction problems.
- 2 Construction Process Program Learning Outcome**
Graduates shall be able to:
- a Understand and analyze the construction process, materials, system assemblies, equipment and requirements.
- b Read, understand, and analyze contracts and contractual relationships.
- c Develop and prepare quantity take-offs and construct cost estimates.
- d Understand and analyze cost control systems.
- e Understand and evaluate administrative and operational, and legal aspects of the construction process.
- f Compose and revise a project plan and schedule.
- g Understand and interpret structural, mechanical, electrical, and plumbing systems.
- h Understand and analyze construction safety standards and programs and create a and create a project safety plan.
- i Evaluate and interpret construction laws, codes, and regulations.
- j Understand material procurement and management.
- k Understand and analyze contract documents.
- l Understand and select appropriate project delivery systems.
- 3 Communication Program Learning Outcomes**
To communicate effectively, graduates shall be able to:
- a Create appropriate oral presentations.
- b Create appropriate written documents.
- c Use appropriate graphic depiction.
- 4 Leadership, Management and Teamwork Program Learning Outcome**
- a Graduates shall be able to apply Construction Management skills by effectively working with cross-disciplinary teams.
- 5 Technology Program Learning Outcomes – Graduates shall be able to:**
- a Apply technology (computers) for analysis and communication.
- b Apply technology and instrumentation in field layout.
- 6 Professional Development/Life Long Learning Program Learning Outcome**
- a Graduates shall use self-directed inquiry as a basis for Life-Long Learning.
- 7 Ethics Program Outcomes**
- a Graduates shall be able to analyze and evaluate ethical and professional behavior in preparation for an effective industry career.

Senior Survey	2yr Alumni Survey	5yr Alumni Survey	Employer Survey	Instructor Surveys
4.19	4.27	4.50	4.30	4.14
4.14	3.83	4.22	3.91	4.19
4.31	4.00	4.33	4.23	4.31
4.29	4.13	3.89	3.71	4.00
4.31	4.07	4.83	4.19	4.40
3.98	3.53	4.00	3.89	4.00
4.05	3.60	3.78	3.62	4.50
4.16	3.87	4.33	4.02	4.00
4.14	3.47	4.39	3.92	4.38
4.12	4.00	4.67	4.08	4.00
3.86	3.73	4.11	3.68	4.00
3.98	3.60	4.06	4.02	4.67
4.19	4.07	4.22	3.88	4.17
4.24	3.87	4.00	3.71	4.50
4.22	4.07	4.17	4.16	4.29
4.10	3.93	4.72	4.18	4.14
4.21	4.20	4.44	4.16	4.22
4.00	3.87	4.29	4.27	4.67
3.88	3.67	4.17	4.42	4.43
3.52	3.07	N/A	4.10	4.00
3.98	4.07	4.17	3.94	4.00
4.24	4.60	4.44	4.33	5.00



PROGRAM EDUCATIONAL OBJECTIVE:

4.38	4.20	4.61	4.36	4.05
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OTHER COLLECTED DATA:

Quality of advising within the department	4.38	
Accessibility of advisors	4.54	
Quality of teaching within the department	4.45	
Accessibility of faculty out of class	4.55	
Faculty interaction with students	4.75	
Faculty support of students and activities	4.60	
Encouragement of student involvement in professional societies	4.43	
Quality of classroom space	4.63	4.14
Computer infrastructure	4.11	3.67
Computer accessibility	4.18	4.13
Availability and quality of audio/visual technology		4.15
Assistance in internships	4.66	
Assistance with job placement	4.70	
Assistance with career decisions	4.55	
Comprehensive project experience (Construction Operations)	4.52	
Academic honesty of fellow students	4.18	
Overall curriculum and courses	4.39	
Percentage having internships directed related to program of study	87.27%	
Relationship of current position to undergraduate field of study?	4.53	4.61
How difficult was it for you to find employment?	4.00	3.89
How well did KSU CNSM program prepare you for your current position?	3.87	4.39
How well did KSU CNSM program provide academic advising?	4.07	4.28
Percentage who have pursued professional development	40.00%	61.11%
Overall evaluation of recruiting experience at KSU		4.04
Overall evaluation of departmental & faculty interaction at KSU		4.40

Number Responding to the Survey 58.00 15.00 18.00 53.00