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**OSU CSM Industry Advisory Council
Fall Semester 2018 Full-Council Meeting**

Monday September 17, 2018

This full council meeting was a work session where the Education Committee organized IAC members into groups to provide feedback and recommendations on CSM course syllabi. The summary is shown on the next page.

The Ohio State University

CONSTRUCTION SYSTEMS MANAGEMENT

Industry Advisory Council
Education Committee



Syllabi Review Session:

<u>Course #</u>	<u>Course Name</u>	<u>Added Value Suggestions</u>	<u>SLO Relationship</u>
2205	Intro to Construction Management	none	
2210	Graphics	Not Reviewed	
2240	Construction Materials & Methods I	Change course to study all CSI Divisions 2 - 7	7, 8, 15
2241	Construction Materials & Methods II	Change course to study all CSI Divisions 8 - 16	7, 8, 15
2305	Professional Development I	Discuss Do's and Don'ts in meetings and professional communications; add use on online communication tools;	1, 2, 9, 10, 16
2310	Electrical & Lighting Systems	Not Reviewed	
2345	Mechanical Systems for Buildings	Too much emphasis on Plumbing, need more on HVAC systems; add discussion of prefab; add discussion of Design-Assist for MEP Systems	4, 7, 10, 12, 13, 15, 18, 20
2440	Construction Survey & Site Development	Need additional emphasis on site development	3, 4, 7, 8, 10, 11, 16
2600	Construction Safety & Health	Have student develop and present tool box talks; discuss site specific safety plans	1, 2, 3, 13, 16, 17
3450	Estimating	Discuss differences in levels of Estimates (ie. Conceptual, SD, DD, CD); Discuss differences in GMP vs. Hard Bid; Discuss self-perform vs. subcontract estimates; Include General Conditions and Direct Personnel Expense; add interactive estimate review with AE and Owner teams	4, 7, 8, 9, 10, 14, 20
3451	Scheduling	Use and actual project schedule and show how it was developed as first part of class time; Discuss Lean Last Planner (pull scheduling)	1, 2, 5, 7, 9, 10, 16
3545	Structures for Construction Managers I	Tie problem solving to real world designs	6, 7, 8, 9, 15, 19
3546	Structures for Construction Managers II	Review early signs of structural fatigue and failure	6, 7, 8, 9, 15, 19
4605	Professional Development II	Have students attend meetings of local construction organizations (AGC, MCA, NECA, Builders Exchange, etc.)	1, 2, 6, 9, 10, 16
4641	Construction Project Management	Too much information to cover in one course	ALL
4642	Construction Contracts/Documents	Use real world exercise to determine what delivery method is best for project type; Discussion of contract language pitfalls; Discuss differences between public and private Owners	6, 7, 9, 12, 13, 14, 15, 16, 17
4660	Heavy Construction Management	Does there need to be additional course(s) in Horizontal Construction?	3, 7, 8, 11, 16
4900	Capstone	Include a site specific safety plan; include contract and bid clarifications (used with Private Owners)	ALL