Senior Design Colloquium
Civil and Environmental Engineering Department

December 11 and 13, 2012
All presentations will be in the Memorial Union Building

The Civil and Environmental Engineering Department is pleased to invite the University community to attend the fall 2012 senior design team presentations. This semester students in five sections have undertaken a wide range of interesting projects to fulfill the Department’s design project requirement. Refreshments will be served.

Tuesday, December 11 (Ballroom A1):
8:00 am—Portage Emergency Crossing
Instructors: Bill Leder, Bill Bazandall
FABB—Structures Team
Zachary Fredin, Project Manager
Brandon Abel, David Bays, Woodward Beardsley
Causeway Engineering—Geotechnical/Env. Team
Nick Broad, Project Manager
Zachary James, Mark Jakubik, Sean Pickard
Copper Country Consulting—Transportation Team
Jonathan Zalud, Project Manager
Andrew Karsten, Jordan Hoekwater, Zachary Kukkonen

9:30 am—Fayette State Park
Instructor: Zeyad Ahmed
New History Consulting
Construction of the historical town site building #8, and the campground restroom
Alex Eppert, project manager
Rebecca Sprys, Nathan Laukka
Michigan Water Solutions
Fayette Historical State Park Wastewater Treatment
Griffin Roblyer, project manager
Mark Pittenger, Emily Lang
Joshua Strapee, Ryan Proulx
Copper Country Consulting—Modern Restroom and Shower Facility
Dan Brugman, project manager
Maxwell Lesatz, Nick Yancy

Tuesday, December 11 (Ballroom A2):
8:00 am—Restoring Natural Rainfall runoff for Michigan Tech Campus
Instructor: Brian Barkdoll
Brooks, Gerrits, Magnuson
Rachel Brooks, Josh Gerrits, Bryan Magnuson
Cremku Engineering
Craig Clarke, Kurt Daavettila, Emily Baker
NKJD Engineering
Jessica Daiguald, Nathan Krause
Earth, Wind, and Water
Bradley St. Germain Colton Lentz, Mackenzie Young
Viva Sustainable Design
Samantha Dunne, Dustin Vreeland, Bruce Scaffham

Thursday, December 13 (Ballroom A1):
8:00 am—Willis Avenue Bridge—NYC
Instructor: Mike Drewyor
Sierra Engineering And Planning—Bridge Fabrication & Bridge Yard Team
Matt Purves, Project Manager
Xiaofei Zhang, Greg Helmisen, Steve Wilson
KD2M Engineering—Barge and Bridge Transport Team
Dylan Anderson, Project Manager
Kyle Marynik, Mitch Farrar, Amanda Workman
New York Pier Builders—Pier Construction Team
Dustin Griesing, Project Manager
Jeff Oswald, Josh Hauswirth, Kevin Nancarrow

9:30 am—iDesign
Instructors: Dave Watkins
Pipe Bueno Engineers
Improving Accessibility to Potable Water in Yu, Ecuador
Katie Valenzuela, project manager
Noah Buikema, Brad Hildebrand, Tori Reuvens
Uno Más Ingenieros
Cerro Miel Aqueduct System
Manda Schierbeek, project manager
Brittany Allen, Liz Jefferson, Merete Sorum
Hard Body Engineering
Engineering a Sustainable Water Distribution System in Western Panama
Rebecca Bender, project manager
Kelsey Majiela, Angella Mickowski, Cheriese Radionoff
Zapetrono Engineering
Micro-Hydroelectric Power System in Mejé Chimán, Panama
Katie Price, project manager
Tyler Losinski, Christine Matlock, Andrea Walvatne