

CM 3910: Sustainable Residential Practices

3 Credit Hours

Prerequisite: CM 3110

This course emphasizes the techniques and methods of sustainable construction for the residential building industry. Students will explore green building rating systems and emerging trends for homes and neighborhood development. Topics will include performance certification techniques for sustainable sites, location & connectivity, water efficiency, energy & atmosphere, materials & resources, indoor environmental quality, innovation, and design.

CM 3912: Workplace Law

3 Credit Hours

A study of the legal constraints encountered in the workplace. Topics included are drugs and drug testing, sexual harassment, labor management cooperation, discrimination, worker compensation, foreign labor regulation, minority/women's business enterprises and professional regulation.

CM 4190: Sustainable Operation & Maintenance

3 Credit Hours

Prerequisite: CM 3180

This course will emphasize the techniques and methods used in sustainable operations and maintenance. Importance of a collaborative team effort from owner, occupant, facility management, and maintenance providers will be integrated into the course. Influences on the Environment, society, maintenance and energy needs will be analyzed. Topics will include LEED green building operations and maintenance (Sustainable Sites, Water Efficiency, Energy & Atmosphere, Materials & Resources, Indoor Environmental Quality, and Innovation In Operations). MEP systems such as ventilation, air conditioning, heating, electrical lighting and building control systems will be discussed from a sustainable operations and maintenance perspective.