

RWU CM Program Learning Outcomes

OUTCOME #1 - Create written communications appropriate to the construction discipline.

OUTCOME #2 - Create oral presentations appropriate to the construction discipline.

OUTCOME #3 - Create a construction project safety plan

OUTCOME #4 - Create construction project cost estimates.

OUTCOME #5 - Create construction project schedules.

OUTCOME #6 - Analyze professional decisions based on ethical principles.

OUTCOME #7 - Analyze construction documents for planning and management of construction processes.

OUTCOME #8 - Analyze methods, materials, and equipment used to construct projects.

OUTCOME #9 - Apply construction management skills as a member of a multi-disciplinary team.

OUTCOME #10 - Apply electronic-based technology to manage the construction process.

OUTCOME #11 - Apply basic surveying techniques for construction layout and control.

OUTCOME #12 - Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.

OUTCOME #13 - Understand construction risk management.

OUTCOME #14 - Understand construction accounting and cost control.

OUTCOME #15 - Understand construction quality assurance and control

OUTCOME #16 - Understand construction project control processes.

OUTCOME #17 - Understand the legal implications of contract, common, and regulatory law to manage a construction project.

OUTCOME #18 - Understand the basic principles of sustainable construction.

OUTCOME #19 - Understand the basic principles of structural behavior.

OUTCOME #20 - Understand the basic principles of mechanical, electrical and piping systems.