Master of Technology Management – Construction Management

(The Master of Technology Management degree requires a minimum of 30 credit hours)

MTM Core Courses (9 hrs.)

TECH 6200 - Project Management in Applied Engineering

TECH 6030 - Data Analysis and Decision Making (or)

IDT 6030 - Data Analysis and Decision Making (or)

STAT 6010 - Statistics for Managerial Decisions

TECH 6790 - Research and Development in Technology (or)

IDT 6790 - Research in Learning Design

Synthesis Courses (3-6 hrs.)

Thesis Track (6 credits)
TECH 6990 - Thesis Research

Non-Thesis Track – Project (3 credits)
TECH 6910 - Directed Research in Technology
(or)

TECH 6960 - Supervised Practicum in Applied Engineering (Capstone)

MTM - Construction Management (15-18 hrs.)

Required Courses

CONS 6410, Contracts and Disputes Resolution

CONS 6420, Construction Management Planning and Scheduling

CONS 6430, Advanced Estimating, Bidding Strategy and Cost Control

TECH 6440, Engineering Economics & Technical Strategic Management

Elective Courses

CONS 5000, Advanced LEED and Lean Construction

CONS 5470, Advanced Trenchless Technology

CONS 6450, Negotiation in the Engineering Environment

QS 6160, Quality Culture Assessment

TECH 6500, Seminar in Renewable Technologies

TECH 6800, Seminar in Technology

TECH 6820/30, Topics in Technology

TECH 6840/50, Readings & Problems in Tech.

TECH 6880/90, Graduate Internship

TECH 6940/50, Workshop in Technology

Or select any other 5000 or 6000 level course with advisor approval

Notes:

- 1) Thesis A formal exposition advancing a new point of view resulting from research. A MTM thesis shall be compliant with the guidelines and requirements defined in the BGSU Thesis and Dissertation Handbook and the requirements of the program, school and College of Technology and Applied Engineering.
- 2) Project A formal exposition conveying information learned through reading and/or experimentation. The MTM project requirements are guided by the BGSU thesis requirements but does not require a submission to the Graduate College following the departmental graduate faculty approval.
- 3) At least 18 credit hours of 6000 or higher-level courses must be taken.
- 4) No more than three independent study courses (TECH 6800/6820/6830/6840/6850 /6940/6950) and one internship (TECH 6880/6890) can be applied to this MTM program.
- 5) MTM core and a number of the elective courses have been approved for distance learning.
- 6) In the MTM-Construction Management Program, within the *Non-Thesis Track* two elective courses can be taken in lieu of TECH 6790. Students who choose this path will require 33 credit hours to graduate.