

**University of North Texas**  
**Master of Science in Engineering Technology**  
**Degree Plan: Construction Management (Thesis Option – 30 hours)**

|                 |        |           |
|-----------------|--------|-----------|
| Student Name    | UNT ID | Signature |
|                 |        |           |
| Local Telephone | email  | Date      |
|                 |        |           |

|                    |  |                |  |
|--------------------|--|----------------|--|
| Major Professor:   |  | Signature/Date |  |
| Committee Member*  |  | Signature/Date |  |
| Committee Member   |  | Signature/Date |  |
| Committee Member   |  | Signature/Date |  |
| Committee Member** |  | Signature/Date |  |

\* 3 faculty members from ETEC

\*\* The participation of an Industry Committee Member is strongly encouraged

|   |                |  |
|---|----------------|--|
| Graduate Program Committee Chair: Seifollah Nasrazadani | Signature/Date |  |
| Department Chair: Enrique Barbieri                      | Signature/Date |  |

| Other Requirements           | Expect to Complete Semester/Yr. | Notes |
|------------------------------|---------------------------------|-------|
| English Proficiency          |                                 |       |
| Leveling Course(s)           |                                 |       |
| Thesis Proposal Presentation |                                 |       |

- The Thesis Option requires strong academic standing, and 6 credits of MSET 5950 with a Major Professor. Typically, a student will enroll in MSET 5950 in two consecutive semesters (3 credits each) in the second year of the program. During the first 3 credits of MSET 5950, the student and Major Professor define a Thesis Proposal, and the student presents the Proposal to a faculty Thesis Committee for approval.
- Course offerings vary from year to year and are based on enrollment and resources. The Major Professor and the student are advised to tailor the degree plan based on course availability.
- At least 18 hours of coursework must be Engineering Technology Courses.
- Courses registered without Advisor’s approval or any unapproved deviations from the degree plan may result in no credit toward degree requirements. **Student initials:** \_\_\_\_\_
- The Thesis Proposal must be presented during the first semester the student is registered in MSET 5950. Consult with Major Professor. **Student initials:** \_\_\_\_\_
- The responsibility for adhering to Graduate School, College and Departmental requirements rests entirely with the student. Application for graduation must be filed in the Graduate School Office before the deadline in force during the final semester. Consult the Toulouse Graduate School and the Graduate Catalog for further information <http://tsgs.unt.edu/>

## CONSTRUCTION MANAGEMENT THESIS DEGREE PLAN (30 HOURS)

| BLOCK A - 9 Hours  | EXPECT TO COMPLETE SEMESTER / YR | COMMENTS   |
|--|----------------------------------|--|
| MSET 5020 Design of Experiments (3)  |                                  | Offered Fall/Spring as needed                              |
| MSET 5040 Analytical Methods in ET (3)   |                                  |  |
| MSET 5050 Project Supervision in ET (3)  |                                  | Normally Fall Offering                                     |
| <b>BLOCK B – Select 15 hours</b>   |                                  | Consult with Major Professor                               |
| MSET 5200 Advanced Construction Scheduling (3)   |                                  | Normally Fall Offerings                                    |
| MSET 5220 Building Information Modeling (3)  |                                  |  |
| MSET 5230 Risk Management in Construction (3)  |                                  | Normally Spring Offerings                                  |
| MGMT 5210 Human Resource Mgmt. Seminar (3)   |                                  |  |
| AECO 5050 - Seminar in Contemporary Applied Economic Problems (when taught as “Construction Dispute Avoidance and Resolution”) (3) |                                  |  |
| MSET 5240 Heavy Civil Construction Management (3)  |                                  |  |
| MSET 5250 Sustainable & Lean Construction (3)  |                                  |  |
| MSET 5800 Studies In Engineering Systems (3)   |                                  | Offered in Fall/Spring / Major Professor Approval Required |
| Graduate Elective (3)  |                                  |  |
| <b>BLOCK C - 6 Hours</b>   |                                  |  |
| MSET 5950 Master’s Thesis  |                                  | Major Professor Approval Required                          |

| Graduate Elective, notes, or additional comments | Date |
|--|------|
|  |      |
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|--|-------------------|
| <b>The student is admitted to candidacy/approved by:</b> |                   |
| <b>Toulouse Graduate School</b>                          |                   |
| Name:  | Signature / Date: |