

**College of Basic and Applied Sciences
Upper Division Form 2017-2018**

Student name _____ Student # _____
 Major Concrete Industry Management Minor Business Administration
 Concentration Concrete Contracting

Instructions: For students graduating in Fall 2017 or later. One (1) copy signed by major and minor advisors should be filed with the Graduation Analyst in DSB 120 three semesters prior to graduation. An Intent to Graduate form must be submitted with this form.

| General Studies Area | Course | Semester | Grade | Notes | Credit Hours |
|--|------------------------------------|----------|-------|-------|--------------|
| COMMUNICATION (9 hours) | ENGL 1010 | | | | 3 |
| | ENGL 1020 | | | | 3 |
| | COMM 2200 | | | | 3 |
| HISTORY (6 hours) Choose two: HIST 2010, HIST 2020, HIST 2030 | | | | | 3 |
| | | | | | 3 |
| HUMANITIES AND/OR FINE ARTS (9 hours) Choose 1: ENGL 2020, 2030 or HUM 2610. Choose 2 with different prefixes: ANTH 2210, ART 1030, or 1920, DANC 1000, HIST 1010, 1020, 1110, or 1120, MUS 1030, PHIL 1030, THEA 1030 | | | | | 3 |
| | | | | | 3 |
| | | | | | 3 |
| MATHEMATICS (3 hours required for General Studies) MATH 1720 (3 credits) or MATH 1730 (4 credits) | | | | | 3 |
| NATURAL SCIENCES (8 hours) | CHEM 1010/1011 or CHEM 1110/111 | | | | 4 |
| | GEOL 1030/31 or GEOL 1040/41 | | | | 4 |
| SOCIAL/BEHAVIORAL SCIENCES (6 hours) Choose two: ECON 2410, PSY 1410 , HLTH 1530/31, SOC 1010, SOC 2010, AAS 2100, ANTH 2010, ECON 2420, EMC/JOUR/RIM 1020, GEOG 2000, GS 2010, PS 1010. PS 1005, RS 2030, WGST 2100 (Courses in bold are recommended) | | | | | 3 |
| | | | | | 3 |

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| Hours Required | | | | | 41 |
|-----------------------|--|--|--|--|----|

| Major Courses (2.0 GPA required for graduation) | Course | Semester | Grade | Notes | Credit Hours |
|--|----------|----------|-------|---|--------------|
| Introduction to the Concrete Industry | CIM 1010 | | | | 1 |
| Blueprint Reading | CIM 1050 | | | | 1 |
| Fundamentals of Concrete: Properties & Testing | CIM 3000 | | | pre req: CIM1010 and CHEM | 4 |
| Concrete Construction Methods | CIM 3050 | | | pre-req: CIM 3000 | 3 |
| Understanding the Concrete Construction System | CIM 3060 | | | pre-req: CIM3000 | 3 |
| Applications of Concrete in Construction | CIM 3100 | | | pre-req: CIM3050 | 3 |
| Concrete Industry Internship | CIM 3300 | | | pre-req: CIM3000 | 2 |
| Issues in the Concrete Construction Industry: Legal & Ethical | CIM 4030 | | | pre-req: CIM3100 | 1 |
| Concrete Problems: Diagnosis, Prevention, & Dispute Resolution | CIM 4150 | | | pre-req: CIM3100 | 3 |
| Senior Concrete Lab | CIM 4200 | | | pre-req: CIM3000 and senior standing; taken last semester | 2 |
| Capstone | CIM 4910 | | | pre req: CIM3300 and senior standing; taken last semester | 3 |

| CONCRETE CONTRACTING | | | | | |
|---|-----------|--|--|--------------------------|---|
| Advanced Blueprint Reading | CIM 2050 | | | pre req: CIM 1050 | 2 |
| Site Planning, Layout, and Preparation FALL ONLY | CIM 3070 | | | pre-req: CIM 1010 & MATH | 3 |
| Formwork Design and Computerized Drafting SPRING ONLY | CIM 3080 | | | pre req: CIM 3050 | 3 |
| Concrete Project Estimating | CIM 3200 | | | pre req: CIM 2050 & MATH | 3 |
| Design and Construction Issues FALL ONLY | CIM 4010 | | | pre req: CIM 3200 | 3 |
| Concrete Contracting Personnel Management SPRING ONLY | CIM 4070 | | | pre req: senior standing | 3 |
| Field Management and Supervision FALL ONLY | CIM 4100 | | | pre req: senior standing | 3 |
| Engineering Safety | ENGR 3920 | | | Formerly ET 4420 | 3 |
| Cognate Elective (Choose from approved Cognate list) | | | | | 3 |

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| Hours Required | | | | | 52 |
|-----------------------|--|--|--|--|----|

| Supporting and Elective Courses | | | | |
|---|----------|-------|--|--------------|
| Course | Semester | Grade | Notes | Credit Hours |
| Choose 1: PSY 3020, BIA 2610 or MATH 1530 | | | | 3 |
| Choose 1: ENGL 3605, ENGL 3620, COMM 3230, HSC 3020, or JOUR 2710 | | | *BCED 3510 is an acceptable substitution | 3 |
| Choose 1: CIM 3090, 4400, CIM 4500, CIM 4600, or SPAN 1010 | | | | 3 |
| Hours Required | | | | 9 |

| Business Administration Minor (2.0 GPA required) | | | | |
|--|----------------------|-------|--|--------------|
| Course | Semester | Grade | Notes | Credit Hours |
| Survey of Accounting for General Business / ACTG 3000 | | | College level math, ENGL 1010, sophomore | 3 |
| Legal Environment of Business / BLAW 3400 | | | junior standing | 3 |
| Choose 1: Principles of Financial Management / FIN 3000 or Business Finance / FIN 3010 | | | junior standing | 3 |
| Computer Orientation / CSCI 1150 | | | | 3 |
| Principles of Management / MGMT 3610 | | | junior standing | 3 |
| Principles of Marketing / MKT 3820 | | | junior standing | 3 |
| Hours Required | | | | 18 |
| Signed: | | | | |
| | Minor Advisor | | | Date |

| Optional 2 nd Minor | | | | |
|--------------------------------|----------------------|-------|-------|--------------|
| Course | Semester | Grade | Notes | Credit Hours |
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| Hours Required | | | | |
| Signed: | | | | |
| | Minor Advisor | | | Date |

- Degrees require a minimum of 120 semester hours (12 of the last 18 at MTSU) with a 2.0 GPA, a minimum of 42 upper-division hours (30 at MTSU) with a 2.0 GPA, and a minimum of 60 senior college hours.
- Learning Support courses do not count toward the 120-hour requirement or cumulative degree GPA.

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| Signed: | | |
| | Major Advisor | Date |