

# Industry Emphasis Area (IEA) Elective Course Options:

To satisfy an IEA requirement, students must earn at least 12 credit hours in the area selected.

Commercial	Construction Leadership	Entrepreneurship <sup>1</sup>	Facilities Management	Heavy Highway	Industrial	Military	Residential	General <sup>2</sup>
CM 3145 Commercial Estimating	CMST 4113 Communications and Leadership in Teams	ENTR 2000 Innovation and Creativity	CM 4116 Professional Practice in Facilities Management	CM 3165 Highway Construction	CM 3355 Maintenance and Turnarounds	MILS 3011 Adaptive Tactical Leadership	CM 3235 Residential Development	FIN 3352 Real Estate Valuation & Invest.
CM 4222 Essentials of Industry Leadership	CM 4222 Essentials of Industry Leadership	ENTR 2999 Basics on Business	CM 4117 Human and Environmental Factors	CM 4222 Essentials of Industry Leadership	CM 3356 Industrial Estimating	MILS 3012 Leadership in Changing Environments	CM 3236 Residential Codes and Specifications	GEOG 2200 Hazards, Disaster, and the Environment
CM 4223 Company Strategic Planning	CM 4223 Company Strategic Planning	ENTR 3012 Intrapreneurship	CM 4118 Building Energy Performance Audits	CM 4355 Driven Pile Construction	CM 4357 Industrial Project Controls	MILS 4011 Developing Adaptive Leaders	CM 3237 Residential Project Management	GEOG 2210 Fundamentals of Emergency Management
CM 4302 Sustainable Construction	CM 4117 Human and Environmental Factors	ENTR 3111 Entrepreneurship	CM 4119 Financial Issues for Facilities Management	CE 3600 Principles of Highway Traffic Engineering	CM 4358 Industrial Electrical Installations	MILS 4012 Leadership in a Complex World	FIN 3353 Real Estate Finance	CM 4215 Construction Safety Management
CM 4311 Disaster Resilient Construction	LHRD 3723 Leadership Concepts & Principles	Approved Electives to Complete ENTR Minor: ENTR 4010 Special Topics <b>OR</b> ENTR 4030 Independent Study	MGT 3320 Strategic Human Resource Management	CE 4600 Geometric Design of Highways and Airports	CM 4208 Internship <sup>3</sup>	ENTR 2999 Basics on Business	ENTR 4035 Advanced Entrepreneurship for SEI Fellows	CM 4563 Emerging Concrete Technologies
CM 4208 Internship <sup>3</sup>	CM 4208 Internship <sup>3</sup>		CM 4208 Internship <sup>3</sup>	CM 4208 Internship <sup>3</sup>			CM 4208 Internship <sup>3</sup>	CM 4440 Advanced Construction Technologies

<sup>1</sup> Can earn a minor in Entrepreneurship with one additional course elective (15 total credit hours).

<sup>2</sup> Suggested General IEAs; however, ANY combination of courses from ANY of the IEAs listed can be applied.

<sup>3</sup> By Department Approval ONLY; Registration Deadline is May 15<sup>th</sup> each year for the following Fall only CM 4208 course offering.

### Approved Integrative Learning Cores (ILC):

ILC Arts (3 hrs)

Any arts courses listed in General Catalog (e.g. ART 1001, ARCH 2401, LA 1201, etc.)

ILC Social Sciences (6 hrs)

ECON 2030 and 3 additional hours in any social science courses listed in General Catalog (e.g. PSYC 2000, SOCL 2001, MC 2000, ECON 2000 & 2010)

ILC Humanities (9 hrs)

CMST 1061 or CMST 2060 and 6 additional hours in any humanities courses listed in General Catalog (e.g. HIST 1001/1003/2055/2057, PHIL 1000/2020)

### Minors for CM Majors (Included in curriculum):

Business Administration (BADM) – ISDS 1100, ACCT 2000, ECON 2030, MGT 3200 MKT 3401, FIN 3715; 18 credit hours

Technical Sales (TECHS) – ACCT 2000, ECON 2030, MGT 3200, MKT 3401, IE 3201 OR FIN 3715, PHYS 2002, CMST 1061 OR 2060, CM 4211; 24 credit hours

\*The BADM minor also has most of the courses for the TECHS minor. Students need to declare both as part of the CM degree plan. To declare, see a College of Engineering Counselor in 2228 Patrick Taylor Hall.

### Certificates\* for CM majors (Included in curriculum):

Occupational Safety and Health Administration (OSHA)

- Certified Occupational Safety Specialist (COSS)
- OSHA Construction Safety and Health Certificate

American Institute of Constructors (AIC)

- Associate Constructor (AC) certificate
- LSU Distinguished Communicator Certification

\*Material taught in CM courses and exams offered in those courses; must pass exams to obtain certifications