



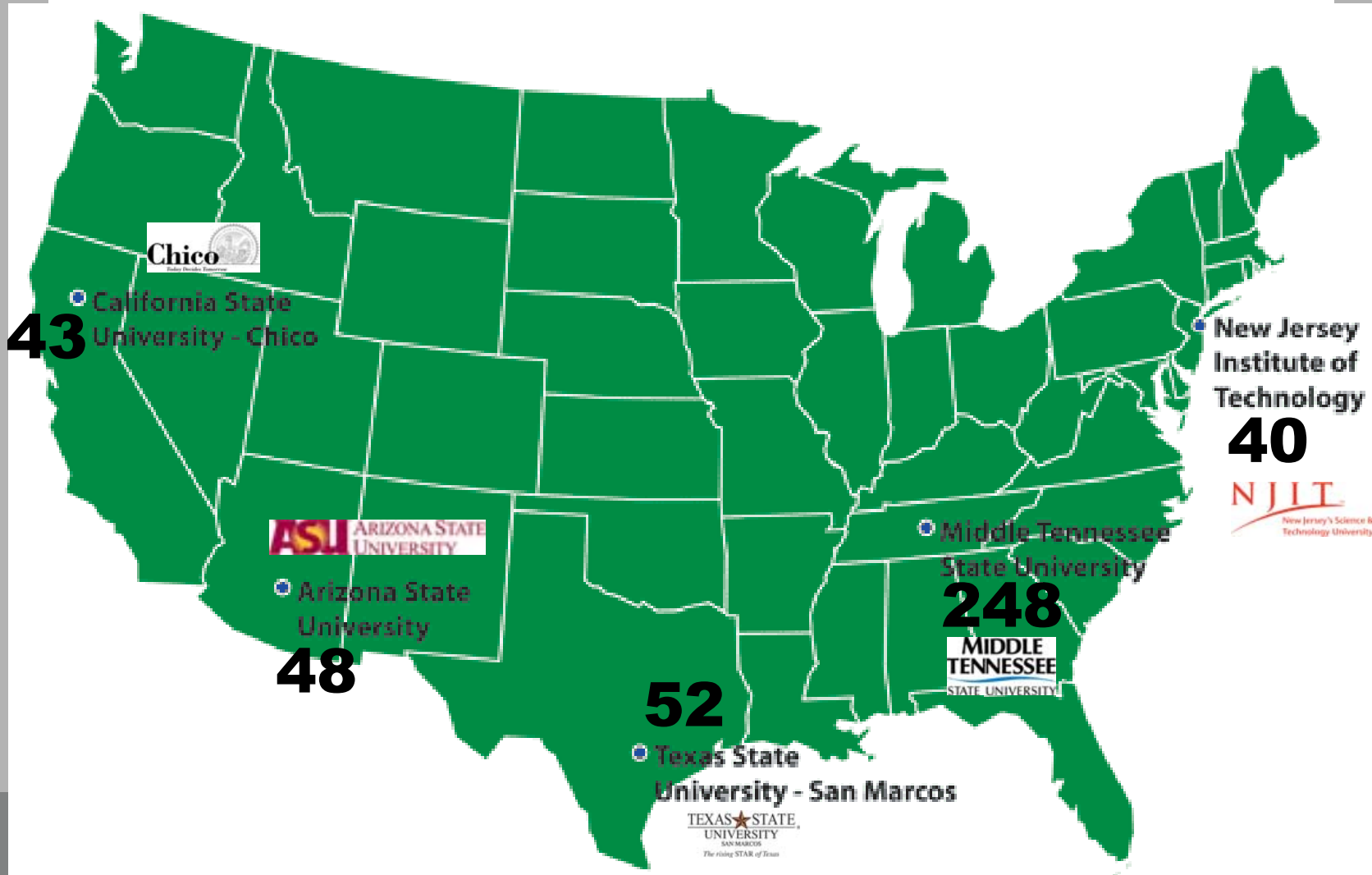
## **MTSU CIM Update**

Dr. Heather J. Brown

CIM Chair and Associate Professor

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# CIM University Enrollments by Major



# CIM Boards

## National Steering Committee (NSC)

- 30 members from companies and trade associations
- Meet quarterly
- 4 committees
- Main objective is to oversee 5 CIM programs

## CIM Patrons and Executive Advisory Council

- Patrons – 18 largely CIM alumni
- EAC – 18 Southeastern business leaders
- Meet twice a year formally and weekly informally

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# National Industry Partners

**American Concrete Institute  
Foundation**

**American Concrete Pipe Association**

**American Society of Concrete  
Contractors Education  
Foundation**

**National Concrete Masonry  
Association's Foundation**

**National Precast Concrete  
Association**

**National Ready Mixed Concrete  
Association**

**Portland Cement Association**

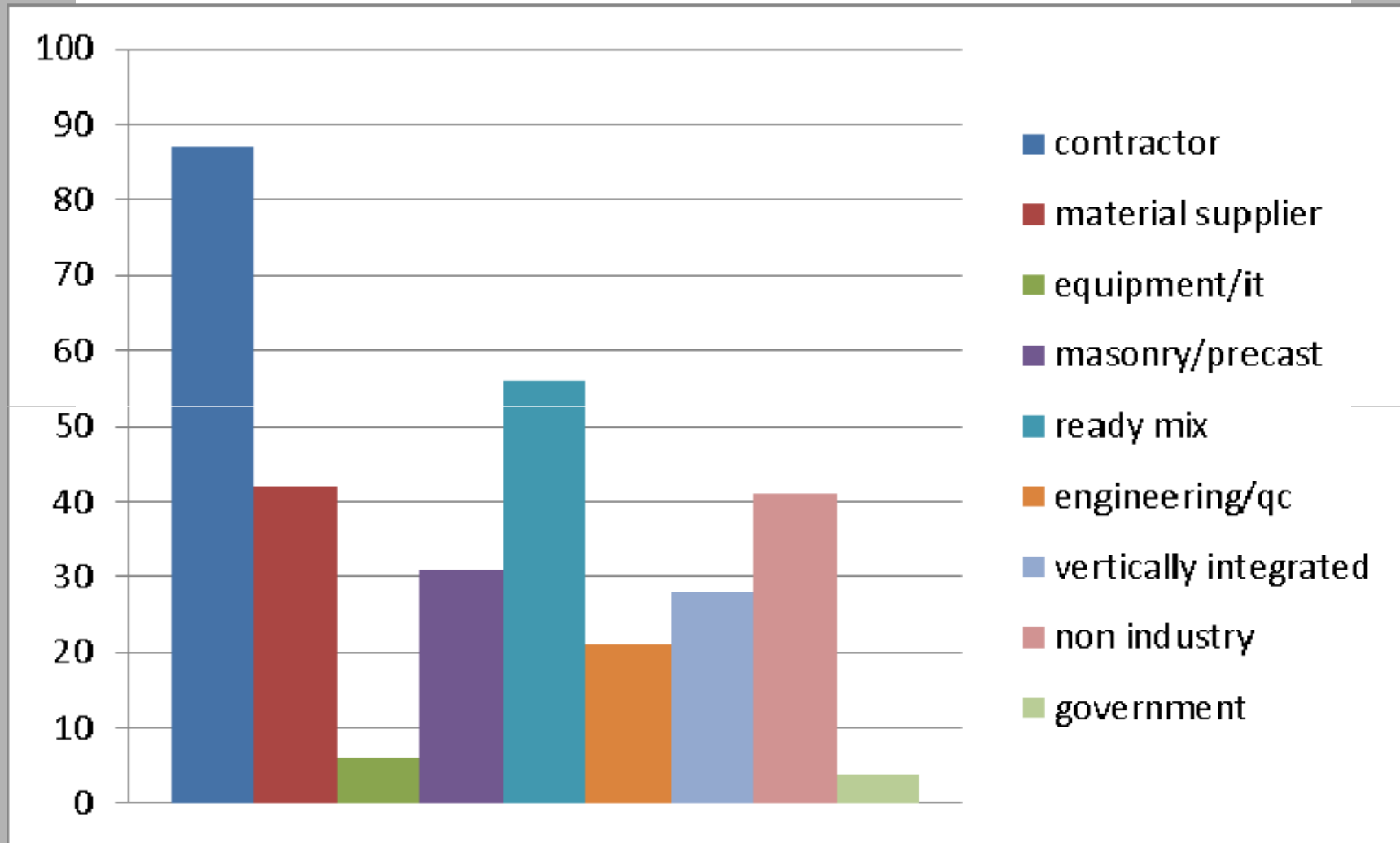
**Precast/Prestressed Concrete  
Institute's Foundation**

**The RMC Research & Education  
Foundation**

**International Concrete Repair  
Institute**

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# Distribution of CIM Alumni (74%)



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# Production Sales & Service (1996)

## ◆ Sales Representative

- Cement, Byproducts, Steel, Aggregate, Equipment, Ready Mixed Concrete, Block, Precast

## ◆ Service

- Associations (ACI, ASCC, ICRI, NCMA, NPCA, NRMCA, PCA, PCI, RMC)
- Trade Publications
- Education
- Human Resources
- Accounts Payable
- Marketing

## ◆ Production/Manufacturing

- Operations
- Plant Management
- Quality Control
- Safety
- Environmental



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# Concrete Contracting (2006)

- ◆ General Contractor/Subcontractor
  - Project Management
  - Superintendent
  - Estimating
- ◆ Specialty Contractor
  - Decorative concrete, hardscapes, repair and rehabilitation
- ◆ Engineering Firms
  - Project Engineer
- ◆ Government
  - DOT
  - Corps of Engineer
  - FHWA

# CIM Facts

- ◆ Academic Common Market program to 9 states
- ◆ Require a 400 hour internship
- ◆ 20 scholarships available to CIM students
- ◆ 6 faculty, 3 staff (Executive Aide, Lab Manager and Mkt/Recruiter) dedicated to CIM
- ◆ Operate under a 501c.3 for the industry support



# Company Campus Visits

Employers on campus		
Company	Social	Interviews
RotondoWeirich		1/26/2012
imi		2/6/2012
Martin Marietta		2/28/2012
Lehigh	3/13/2012	3/14/2012
McCarthy Concrete	3/12/2012	3/13/2012
Vector Group	3/19/2012	
Maschmeyer	4/2/2012	4/2/2012
Grace	5/1/2012	
Bama Concrete Products		4/18/2012
Vector Group		4/26/2012
Rabine Group		4/24/2012

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# Job Postings

- ◆ We sent out an average of 19.5 jobs per month.
  - 78 jobs total this semester
  - 58 full-time
  - 4 part-time
  - 16 internships
  - 25 of them were in Tennessee.
- ◆ 15 of the companies listed posted multiple positions.

A.H. Harris & Sons  
ACME Block and Brick  
Advance Testing  
AGC  
Alabama Pigments Company  
AMSYSCO  
Barnard Construction  
Batch Trainees  
Bauer  
Bell & Associates  
Blinds R Us  
Bonded Filter  
Brayman Construction

# Job Postings

Charah, Inc.	Jackson Precast
Concrete Supply Co.	Kerkstra Precast
Contractors Supply & Equipment	Kiewit
Custom-Crete	Lehigh Hanson
Delaware Valley Concrete	Lithko Contracting
Delta Companies	Magotteaux
Dura-kast Concrete Products	Martin Marietta Materials
DVC	Memphis Ready Mix
ECS Southeast	Metro Ready Mix
Gate Precast	MMC Materials
Hanley Wood	Nashville Concrete Artist
Hyde Concrete	Oakley Construction
imi	Oldcastle Building Systems

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# Job Postings

Ozinga

P&D Architectural Precast

Palmertree Construction

Patriot Engineering

Procon Inc.

Propex

Questmark

QUIKRETE

Real Green Solutions

San Benito Supply

Solida Technologies

Soloman Colors

Southern Company Services

Southern Consulting

Standard Concrete Products

TDK Construction

Terracon

Wayne Concrete

William S. Long Inc.

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# Outreach

- ◆ BASF Repair Seminar – Lori Proops, Product Specialist, MN
- ◆ MT Undergraduate Research Symposium – 5 posters
- ◆ Actus Lend Lease Pervious Seminar
- ◆ CEFGA – 5,000 Georgia High School students wanting to major in construction.



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# Industry Events

## ◆ IEEE/PCA Convention, St. Louis, MO



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# Industry Events

## ◆ NRMCA Concrete Works, San Diego, CA



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# ICON Expo and The Precast Show



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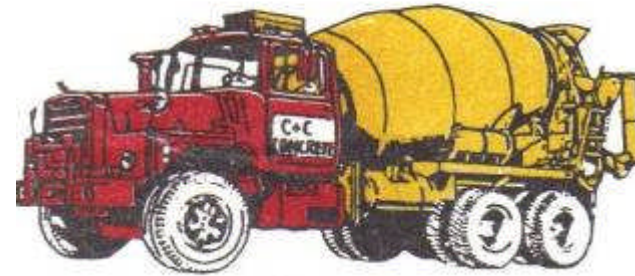
# Concrete Décor Show – San Antonio, TX



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# Concrete Industry Tree Planting – 640 Trees for MTSU

◆ *EARTH DAY April 22, 2011*



C & C Concrete Products, Inc.

**MEMPHIS READY MIX**



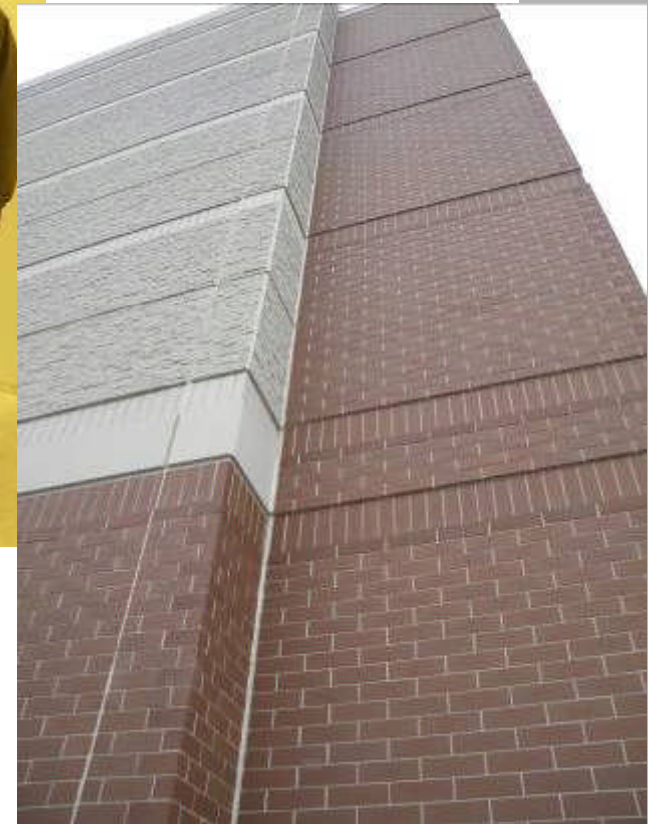
# 6<sup>th</sup> Annual Women In Concrete Luncheon

**Karen Sweeney, VP for Diversity and Inclusion,  
Turner Universal**



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# GATE Precast Nordstrom Tour



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# Plant Tours

## Sherman Dixie Precast/Holcim Terminal



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# ACI and AGC Student Clubs

- ◆ MTSU CIM ACI chapter received two awards at Spring Convention
  - 1<sup>st</sup> place at Concrete Construction Liaison Committee Competition
  - Excellent University Award



- ◆ MTSU CIM AGC Chapter is officially the largest student chapter in the country with 96 members
  - 4 students attended national AGC convention in Las Vegas, NV

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# **Southeastern ASCE Concrete Horseshoe**

**2<sup>nd</sup> out of 25 Civil Engineering  
Southeastern Schools**



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# ACI Spring Convention – Dallas, TX



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# ASCE Student Conference – Tallahassee, FL



- ◆ 1<sup>st</sup> place Big Beam
- ◆ 1<sup>st</sup> place Hydraulic Rocket
- ◆ 3<sup>rd</sup> place Surveying

◆ 4<sup>th</sup> place Environmental  
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# Soccer/Track Decorative Project



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## 2 Acres of Hope Project

- ◆ 2 acres of land donated by Murfreesboro resident to grow crops for homeless shelter.
- ◆ Footer for small greenhouse poured by CIM



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# Rutherford County Elementary Schools Pervious Concrete Tracks

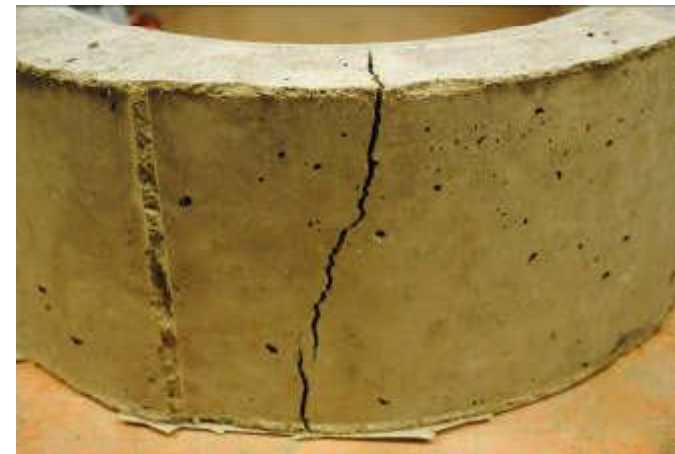
- ◆ Each elementary school in the county raises \$5000 and the county matches it to build an 1/8 mile track.
- ◆ 20 county schools - 3 schools completed



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# Research Grants

- ◆ Spinks/Lhoist Metakaolin Project
- ◆ TDOT Rapid Repair Bridge Deck
- ◆ Forta Fiber
- ◆ SlagCem



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# Concrete Research



- ◆ KPG Americas Crack Injection
- ◆ Colgate Palmolive Paste Byproduct
- ◆ TDOT Broom and Sweep Overlays
- ◆ Lafarge RCC Surface Texture

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# Thanks to our Golf Sponsors!



**\$50,000 Raised**

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# Accredited MBA for the working professional

- 18 month program
- Executive-style
- 4 Onsite Development Trips
- 5 years industry experience
- [www.concrete-mba.com](http://www.concrete-mba.com)

A Global M.B.A.  
for the Concrete Industry



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# MBA Courses

Term 1: mid Oct – mid Dec

- Managerial Economics
- Study of Organizations

Term 2: early January – Mid March

- Operations Management
- Financial Statement Analysis

Term 3: mid April – Late June

- Advanced IT for Business
- Finance

Term 4: early July – mid Sept.

- Sustainable Construction
- Supply Chain Management

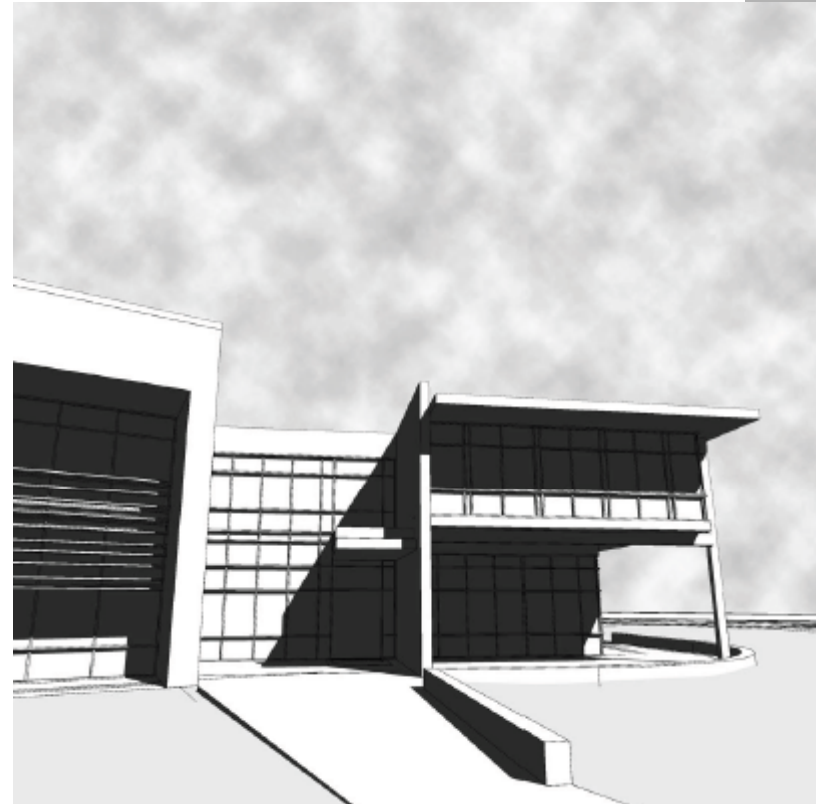
Term 5: mid Oct – mid Dec

- Marketing Management
- Quantitative Decision Making

Term 6: mid January – mid March

- Business Policy
- Concrete Construction Issues

# CIM Building Update



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**Thank you**

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