The program will prepare students to meet the challenges to become competent superintendents and project managers in the residential, commercial, and industrial arenas. This program will engage students in numerous fields of study including Building Information Modeling, Estimating, Business and Financial Management, Site Surveying, Site Planning, Sustainability and Sustainable Construction, Mechanical and Electrical Design, Risk Management, Contracts, Building Methods and Dispute Resolution, Construction Planning and Sequencing, and Bid/Construction Document Preparation.

CORE COURSEWORK: 57 HRS
- CMG 1000 Introduction to Construction Management
- EGT 1303 Engineering Technology Applications
- EGT 1323 Computers for Engineering Technology
- EGT 2004G Materials Science and Evaluation
- CMG 2013 Soil, Concrete, and Paving Testing
- EGT 2043 Computer-Aided Engineering Drawing
- CMG 2223 Print Reading & Introduction to Building Info Mgt (BIM)
- CMG 2253 Construction Equipment and Materials
- EGT 2773 Safety for Engineering Technology Professionals
- CMG 2953 Statics and Strength of Materials
- CMG 3023 Formwork and Building Processes
- CMG 3213 Surveying and Site Planning
- EGT 3414 Engineering Technology Project Management
- CMG 3603 Mechanical Systems in Residential and Commercial Buildings
- CMG 3833 Sustainable Buildings
- CMG 4023 Construction Risk Management
- CMG 4223 Construction Cost Estimating and Takeoffs
- CMG 4243 Construction Project Management Capstone
- EGT 4843 Statistical Quality and Reliability

COMMUNICATIONS: 3 HRS
- CMN 3030 Promotional Communication

ECONOMICS: 6 HRS
- ECN 2801G Principles of Macroeconomics
- ECN 2802G Principles of Microeconomics

MATHEMATICS: 6 HRS
- MAT 2250G Elementary Statistics
- MAT 1330 Analytical Trigonometry

PHYSICAL SCIENCE: 4 HRS
- GEO 1300G Introduction to Earth Sciences (Preferred);
  OR PHY 1151G Principles of Physics I
  AND PHY 1152G Principles of Physics I Laboratory;
  OR CHM 1310G General Chemistry I
  AND CHM 1315G General Chemistry Laboratory I

BUSINESS: 12 HRS
- BUS 2101 Financial Accounting
- BUS 2710 Survey of Finance
- BUS 2750 Legal and Social Environment of Business
- BUS 3010 Management and Organizational Behavior
  OR OPD 4835 Supervision in Organizations

MAJOR ELECTIVES: 6-7 HRS
Two electives must be taken as part of the program. These can be in construction management or business, as specified below. If selected properly, three electives can result in a Business Administration Minor as part of the program.

CONSTRUCTION MANAGEMENT ELECTIVES:
- CMG 4013 Virtual Project Design
- CMG 4033 Heavy Construction Planning
- CMG 4413 Advanced Construction Safety
- CMG 4913 30 Hour OSHA Certification for Construction
- EGT 2324 Electricity and Electronic Controls
- EGT 4503 Engineering Technology Cost Analysis
- OSC 4810 Supply Chain and Logistics Management

BUSINESS ADMINISTRATION MINOR:
Two of the following:
- BUS 2102 Managerial Accounting
- ENT 3300 Foundations of Entrepreneurship
- FIN 3720 Investments
- FIN 3740 Real Estate Fundamentals
- FIN 3770 Working Capital Management
  PLUS BUS 3010 Management and Organizational Behavior

TOTAL MAJOR HOURS: 124-125 HRS