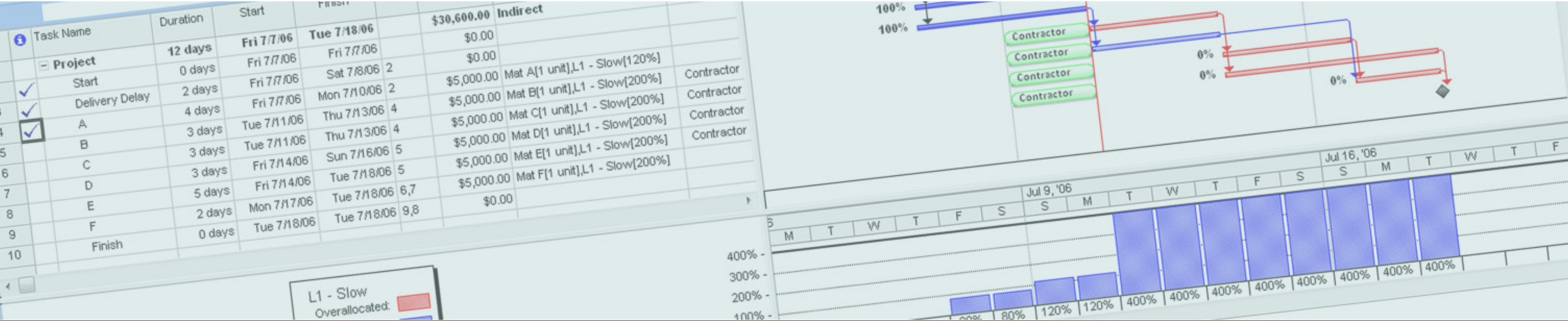
UTSA THE UNIVERSITY OF TEXAS AT SAN ANTONIO



college of architecture

College of Architecture
Located at the UTSA Downtown Campus
301 S. Frio St
Phone: 210-458-3010
Fax: 210-458-3016
Mail: 501 W. Durango Blvd., San Antonio, TX 78207

Bachelor of Science in Construction Science & Management

Bachelor of Science in Construction Science and Management (B.S. CSM)

Designed to meet the accreditation requirements of the American Council for Construction Education (ACCE), the Construction Science and Management Program combines courses in construction science, architecture and business to educate managers for the construction industry. The minimum number of semester credit hours required for the degree, including Core Curriculum requirements, is 123, at least 39 of which need to be at the upper-division level. Students obtaining a Bachelor of Science (B.S.) degree in Construction Science and Management pursue management careers in a wide variety of occupations throughout the construction industry.

The degree also provides students with the opportunity to continue with their studies in a graduate program.

The curriculum prepares students to manage the construction process, skilled trades, technologists and craftspeople on the job site and effectively interact with architects, engineers, owners and other professionals who compose the team required by the complexities of modern building projects. Project owners recognize the need for timely project delivery, indoor/outdoor environmental quality, and short-term and life-cycle costing. Therefore, the curriculum emphasizes environmentally sustainable building practice, project and cost controls, communication skills, understanding the technical aspects of construction and the construction process, and the application of information technology to the construction industry. In addition to the formal academic curriculum, students are required to obtain a construction management internship in the building industry between their junior and senior years. The program maintains a close partnership with the construction industry to provide graduates who are in great demand.

Degree Plan

FOUNDATION YEAR

CORE CURRICULUM

MAT 1093 Precalculus
PHY 1603/11 Algebra-based Physics I and Lab
WRC 1013 Freshman Composition I
WRC 1023 Freshman Composition II

FOUNDATION

COA 1113 Introduction to the Built Environment
COA 1133 Building Technology I
COA 1213 Design I
COA 1223 Design II
COA 1313 Design Visualization

CONSTRUCTION SCIENCE AND MANAGEMENT

CORE CURRICULUM

ARC 2413 History of Architecture
ES 2013 Introduction to Environmental Systems I
Social and Behavioral Science
Literature
World and Society Issues
Physical Science Elective

THEORY AND TECHNOLOGY

ARC 2223 Building Technology II
ARC 3233 Building Technology III
ARC 3343 Building Technology IV
ARC 3353 Building Technology V

CONSTRUCTION

CSM 2323 Construction Documents
CSM 3011 Construction Industry Contemporary Issues
CSM 3111 Construction Surveying
CSM 3621 Construction Safety I
CSM 4013 Construction Estimating I
CSM 4023 Construction Estimating II
CSM 4513 Construction Management I
CSM 4523 Construction Management II
CSM 4613 Sustainable Building Practice
CSM 4633 Construction Law
CSM 4713 Construction Capstone
CSM 4931 Internship
Prescribed Elective

BUSINESS

ACC 2013 Principles of Accounting I
ACC 2033 Principles of Accounting II
BLW 3013 Business Law
ECO 2013 Introductory Macroeconomics
IS 1403 Business Information Systems Fluency
MGT 3013 Introduction to Organization Theory, Behavior, and Management

For information contact:

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