

ILLINOIS INSTITUTE OF TECHNOLOGY

SUMMER 2012 COURSE OFFERING

The following courses will be offered during one or more of the 2012 summer sessions. These course offerings are locked in for summer 2012, but additional courses and sections may be added by academic departments prior to the start of classes. Please contact the academic department to find out more about potential summer offerings.

Schedule information, including sessions, class meeting days/times, and instructors, will be posted in the class schedule search by February 2012. Please visit our academic calendar at http://www.iit.edu/registrar/important_dates/academic_calendar.shtml for the summer term dates.

For general scheduling information, please contact the Office of the Registrar at registrar@iit.edu.

Architecture

ARCH 321	History of Modern Thought in Architecture: 20th Century
ARCH 434	Advanced Building Information Modeling Strategies
ARCH 436	Advanced Modeling
ARCH 438	Design Visualization
ARCH 456	Topics in Modernism
ARCH 497	Summer Studio
ARCH 497	Summer Study Abroad Electives (2)

Art and Architectural History

AAH 322	19th Century American Art and Culture
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Biology

BIOL 511	Project Management: Business Principles
BIOL 520	Advanced Biochemistry Laboratory
BIOL 521	Laboratory in Microbial Physiology and Genetics
BIOL 522	Research Techniques in the Biological Sciences I
BIOL 539	Advanced Cell Biology Laboratory
BIOL 550	Bioinformatics and Biotechnology
BIOL 555	Macromolecular Structure Determination

Chemical and Biological Engineering

CHE 317	Chemical and Biological Engineering Laboratory I
CHE 418	Chemical and Biological Engineering Laboratory II

Chemistry

CHEM 122	Principles of Chemistry I without Laboratory
CHEM 124	Principles of Chemistry I with Laboratory
CHEM 125	Principles of Chemistry II with Laboratory
CHEM 126	Principles of Chemistry II without Laboratory
CHEM 237	Organic Chemistry I
CHEM 343	Physical Chemistry I
CHEM 344	Physical Chemistry II
CHEM 511	Project Management: Business Principles
CHEM 513	Statistics for Analytical Chemists
CHEM 543	Analytical Chemistry in Pharmaceutical Laboratories

Civil and Architectural Engineering

CAE 105	Geodetic Science
CAE 208	Thermal-Fluids Engineering I
CAE 209	Thermal-Fluids Engineering II
CAE 221	Engineering Geology
CAE 303	Structural Design I
CAE 304	Structural Analysis I
CAE 312	Engineering Systems Analysis
CAE 323	Introduction to Geotechnical Engineering
CAE 431	Steel Design
CAE 436	Design of Masonry and Timber Structures
CAE 471	Construction Planning and Scheduling
CAE 473	Construction Contract Administration
CAE 570	Legal Issues in Civil Engineering
CAE 578	Construction Claims Management
CAE 582	Structural Wind and Earthquake Engineering

Communications

COM 101	Writing in the University
COM 111	Writing in the University for Non-Native Students
COM 377	Communication Law and Ethics
COM 380	Topics in Communication: Communication in Politics
COM 421	Technical Communication
COM 577	Communication Law and Ethics
COM 580	Topics in Communication: Communication in Politics

Computer Science

CS 105	Introduction to Computer Programming
CS 115	Object-Oriented Programming I
CS 116	Object-Oriented Programming II

Electrical and Computer Engineering

ECE 211	Circuit Analysis I with Laboratory
ECE 213	Circuit Analysis II with Laboratory
ECE 215	Circuit Analysis I without Laboratory
ECE 216	Circuit Analysis II without Laboratory

Engineering Graphics

EG 419	Computer Graphics in Engineering
EG 425	Computer Graphics for Non-Engineers

History

HIST 380	Topics in History: Everyday Life in Rome
HIST 380	Topics in History: The Vikings

Humanities

HUM 104	Age of Darwin
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Industrial Technology and Management

INTM 413	Facilities and Construction Administration
INTM 420	Applied Strategies for the Competitive Enterprise
INTM 459	Issues in Industrial Sustainability
INTM 520	Applied Strategies for the Competitive Enterprise
INTM 559	Issues in Industrial Sustainability

Interprofessional Project

IPRO 497	Interprofessional Project
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Information Technology and Management

ITM 301	Introduction to Contemporary Operating Systems and Hardware I
ITM 311	Introduction to Software Development
ITM 413	Open-Source Programming
ITM 470	Fundamentals of Management for Technical Professionals
ITM 471	Project Management for Information Technology and Management
ITM 492	Embedded Systems and Reconfigurable Logic Design
ITM 518	Coding Security
ITM 570	Fundamentals of Management for Technical Professionals
ITM 571	Project Management for Information Technology and Management

Landscape Architecture

LA 497	Special Projects: Chicago Landscapes
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Literature

LIT 306 Science Fiction

Mathematics

MATH 151 Calculus I
MATH 152 Calculus II
MATH 251 Multivariate and Vector Calculus
MATH 252 Introduction to Differential Equations
MATH 333 Matrix Algebra and Complex Variables
MATH 474 Probability and Statistics

Mathematics and Science Education

MSED 350 Informal Education Practicum and Seminar
MSED 530 Teacher Education/Professional Development in Science
MSED 531 Teacher Education/Professional Development in Mathematics
MSED 540 Informal Education Practicum
MSED 554 Middle and Secondary Level Science Curriculum
MSED 555 Middle and Secondary Level Mathematics Curriculum
MSED 562 Action Research I
MSED 574 Physical Science -- Get Energized
MSED 576 Earth Science -- Great Lakes Rock
MSED 597 Leadership

Mechanical and Aerospace Engineering

MMAE 200 Introduction to Mechanics
MMAE 321 Applied Thermodynamics

Philosophy

PHIL 363 Aesthetics
PHIL 377 Communication Law and Ethics

Physics

PHYS 123 General Physics I: Mechanics
PHYS 221 General Physics II: Electricity and Magnetism
PHYS 224 General Physics III for Engineers
PHYS 561 Radiation Biophysics
PHYS 563 Project Management: Business Principles
PHYS 566 Environmental Health Physics

Psychology

PSYC 508	Ethics and Professional Issues I
PSYC 526	Psychopathology
PSYC 549	Practicum in Rehabilitation Counseling
PSYC 561	Applied Counseling Techniques
PSYC 584	Rehabilitation Engineering Technology II: Access to Independence through Assistive Technology

Sociology

SOC 208	Social Psychology and Society
SOC 303	Science in Society