

FALL**A-LAB****15.572 Analytics Lab: Action Learning Seminar on Analytics, Machine Learning, and the Digital Economy**

S. Aral, A. Almaatouq

This course allows students to work on projects with host companies that focus on the use of analytics, machine learning, large data sets, or other digital innovations to create or transform their organization. The course culminates with a presentation of results to an audience that includes IT experts, entrepreneurs, and executives.

E-LAB**15.399 Entrepreneurship Lab**

K. Hickey, K. Boucher, D. Patel

In this class, students get a real taste for entrepreneurship by working with curated startups on problems of strategic importance. The goal is for students to gain experience with fast-paced startup companies, applying their academic knowledge in a context of uncertainty and extreme time pressures. Popular sectors include AI, biotech, clean technology, consumer products, hardware, healthcare technologies, robotics, and software. This course is offered in both fall and spring semesters.

FINANCE**PROSEMINARS****15.451 Proseminar in Capital Markets/Investment Management**

M. Kritzman

This class provides a unique opportunity to tackle original research problems in capital market analysis and investment management that have been posed by leading experts from the financial community. Teams present their solutions at a seminar which is attended by representatives of the host organization and open to the entire MIT community.

15.452 Proseminar in Corporate Finance, Investment Banking, and Private Equity

E. Matveyev

This course allows students to work on projects sponsored by leaders in corporate finance, investment banking, and private equity. Students work in teams across degree programs (combining MFin, MBA, and Sloan Fellows) to analyze and problem-solve, culminating in reports which the teams present to their host organizations for evaluation and feedback.

FALL/IAP**EM-LAB****15.830 Enterprise Management Lab**

S. Chatterjee

This course develops students' ability to apply integrated management perspectives and practices in their roles with large organizations and emergent innovators. The goal is to help students adopt a holistic, cross-functional approach to addressing business challenges. Student teams work on projects focused on marketing, operations, and/or strategy in multinationals and innovative entrepreneurial ventures in industries such as technology, healthcare, and consumer goods.

G-LAB**15.389 Global Entrepreneurship Lab**

S. Johnson, M. Jester

This course is a practical, hands-on study of the climate for innovation and determinants of entrepreneurial success in emerging and frontier market economies. Students work on teams in close collaboration with companies' top leadership, gaining experience in running and building a new enterprise by tackling critical, real-world business management problems. After their preliminary investigation of the business challenge, teams travel for three weeks during IAP to work onsite with their hosts, testing and beginning the process of implementing their recommendations.

H-LAB**15.777 Healthcare Lab: Introduction to Healthcare Delivery in the United States**

A. Quadgras

This class focuses on the business challenges and opportunities to deliver high quality and reasonably priced health services in the U.S. Topics include aspects of healthcare delivery operations and how they are affected by healthcare policies, alternative payment models, population health perspectives, and social determinants of health. Discussions include examples from the ongoing healthcare-related work of MIT Sloan faculty, as well as the potential for analytics and digitization to impact healthcare delivery. Student teams work with a provider, supplier or healthcare-related startup organization on an applied project.

MENA LAB**15.248 MENA Lab: Promoting Innovation & Entrepreneurship in the Middle East and North Africa**

J. Cohen

This course focuses on the entrepreneurship and innovation ecosystem in the Middle East and North Africa, leveraging the historic Abraham Accords. The course provides context about regional players—Israel, UAE, Bahrain, Morocco, Egypt and Jordan—and social and geopolitical issues, as they pertain to doing business. Students will explore the roles of entrepreneurs, venture capitalists, multinational corporations, universities, and governments by hearing directly from key stakeholders. Students will learn the McKinsey process for successful consulting engagements and what makes for high performing teams. During IAP, student teams travel onsite to work with their host companies.



EXPLORE OUR
LABS

MIT SLOAN ACTION LEARNING / FALL 2024 AND IAP 2025 / Labs at a Glance

ACTION LEARNING LAB	TERM	UNITS	ELIGIBLE STUDENTS	PREREQUISITES	BID/APPL	TRAVEL	INDUSTRIES/COMPANIES/PROJECTS	AY2024-25 v.1
A-LAB 15.572 Analytics Lab: Action Learning Seminar on Analytics, Machine Learning, and the Digital Economy	Fall	9	All MIT Sloan and MIT graduate students with permission of instructor	No	Application due July 17	No	Host company profile: organizations of any industry or size interested in using analytics to solve a business problem or advance an innovation Sample sectors: big data as a service, e-commerce, finance, fraud detection, global health, medical supply chains, sports analytics, workplace safety, Sample host companies: Amazon, Boston Public Schools, Dell Services, eBay, Gates Foundation, GE Transportation, IBM Watson, LinkedIn, MasterCard, Nasdaq	
E-LAB 15.399 Entrepreneurship Lab	Fall, Spring	12	All MIT Sloan and MIT graduate students, and cross-registering students	No	Bid	No	Host company profile: early-stage startups Sample sectors: artificial intelligence, blockchain, cleantech, consumer products, hardware, healthcare, life sciences, robotics, software Sample projects: finding a beachhead market for a new technology, primary market research, solving a key strategic problem	
EM-LAB 15.830 Enterprise Management Lab	Fall + IAP	9	All MIT Sloan and MIT graduate students in Enterprise Management	Corequisites: 15.814, 15.761, or 15.900	Bid	No	Host company profile: leading multinationals and innovators in emergent space in both the for-profit and nonprofit sectors Sample sectors: automobiles, consumer goods/retail, design, finance, healthcare, retail, sporting goods, technology, telecom Sample host companies: Apple, BMW, Citi, Google, IDEO, iSlide, Nasdaq, P&G, Rave Mobile, SAP, Wayfair	
FINANCE PROSEMINARS 15.451 Proseminar in Capital Markets/Investment Management	Fall	6	All MIT Sloan and MIT graduate students	Prerequisites: 15.401 or equivalent	Bid	No	Host company profile: consulting, hedge funds, impact investing, leading finance industry practitioners in investment management, private equity, risk, venture capital Sample projects: fixed income arbitrage, hedging inflation risk, portfolio construction and risk management, tail risk hedging	
FINANCE PROSEMINARS 15.452 Proseminar in Corporate Finance, Investment Banking, and Private Equity	Fall	9	All MIT Sloan and MIT graduate students	No	Application due September 4	No	Host company profile: corporate finance divisions of startup firms, leading investment banks, management consulting firms with projects focused on corporate finance and strategy, private equity firms Sample projects: develop a financing strategy for city investments in neighborhood development, structure a deal for a new tranche of equity in private venture, value a wind farm acquisition	
G-LAB 15.389 Global Entrepreneurship Lab	Fall + IAP	12	MIT Sloan MBA and LGO second-year students. Other graduate students by permission only	No	Bid	International travel for three weeks during IAP	Host company profile: high-growth scaleups and startups in emerging and frontier markets Sample sectors: agribusiness, digital media, high tech, internet, medical devices, microfinance, telecom, textiles, transportation, venture capital Sample projects: financial modeling, HR, marketing, new market entry, strategy	
H-LAB 15.777 Healthcare Lab: Introduction to Healthcare Delivery in the United States	Fall + IAP	15	All MIT Sloan and MIT students, and cross-registering students	Prerequisites: 15.060, 15.761, or permission of instructor	Bid	No	Host company profile: clinics, hospitals, startups, and other organizations dealing with the business challenges of healthcare delivery and healthcare systems changes Sample projects: IT, management, marketing, operations, organizational dynamics	
MENA LAB 15.248 MENA Lab: Promoting Innovation and Entrepreneurship in the Middle East and North Africa	Fall + IAP	12	All MIT Sloan and MIT graduate students. Undergraduate students with permission of instructor	No	Bid	International travel for two weeks during IAP	Host company profile: early-stage and growing startups Sample sectors: advanced life sciences, agtech, AI and machine learning, analytics and big data, cybersecurity, fintech, quantum computing, robotics, Web 3.0	