

MIT Sloan Action Learning | Labs at a Glance

Version 6
Summer 2015

ACTION LEARNING LAB	TERM	TRAVEL	BID	DESCRIPTION	INDUSTRIES/COMPANIES/PROJECTS	ELIGIBLE STUDENTS*
A-Lab 15.572-Analytics Lab	Fall		N	Teams of 3 students work on projects involving big data, machine learning, algorithmic design, real time response, management and professional decision-making enablement, and related business model and strategic transformations and innovations.	Organizations of any industry or size that are interested in the use of analytics to solve a business problem or advance an innovation are potential project partners. Past partners have included: Amazon, Capgemini, Fusion, IBM Watson, Marathon Data Systems, WOOX, Zensar/American Apparel.	All MIT students, with permission of instructor
China Lab 15.225	Spring	2 wks in March	N	Students partner with peers from Fudan, Yunnan, Lingnan, Tsinghua, Xi'an Jiaotong, or Shanghai Jiao Tong universities. Three month projects, including two weeks onsite in China.	Market entry, commercialization, internationalization, finance. Sample sectors: high-tech, higher education, health-care, hotels, furniture, fashion design, airlines, tourism, pharma.	First or second year Sloan MBAs, MFin
E-Lab 15.399-Entrepreneurship Lab	Fall, Spring		Y	Students work one day/week on-site at high-tech startups to experience starting and running new ventures.	Tech-intensive, IP-based, early-stage startups. Sample sectors: software, hardware, robotics, cleantech, life sciences.	All Sloan grad students, other MIT grad students
EM-Lab 15.830-Enterprise Management Lab	Fall		Y	Small teams of students work on tightly scoped live integrative projects sourced from multinationals, emergent leaders, or innovators in a given space, both for-profit and not-for-profit	Projects in marketing, operations and/or strategy focused on stretching students' thinking beyond their project's primary functional domain to develop solutions taking a holistic perspective.	Sloan MBA students enrolled in the Enterprise Management Track
Finance: 15.S26-Finance Research Practicum	IAP + Spring		Y	Finance projects proposed by sponsors, motivated by actual business problems, allowing students to apply classroom learning to business settings.	Examples: developing an equity trading strategy; prototyping a model for valuing and hedging Brazilian interest rate options; analyzing commercialization of university-based research.	Preference given to Sloan MFin students
15.451-Proseminar in Capital Markets/Investment Management	Fall		Y	Students work in teams to tackle problems posed by company sponsors and present findings to leading experts in the finance industry and to classmates.	Capital Markets projects: tail-risk hedging; high-equity correlation; portfolio construction and risk measurement; portfolio optimization.	All Sloan grad students, other MIT students
15.452-Proseminar in Corporate Finance/Investment Banking	Fall		Y		Corporate Finance projects: raise capital for a private company; value home construction companies; analyze long/short equity positions in universal health care; M&A advice on unsolicited takeover.	
G-Lab 15.389-Global Entrepreneurship Lab	Fall + IAP	3 wks in January	Y	Four-month projects with companies in emerging markets in Latin America, China, India, Southeast Asia, Africa, and the Middle East, launching new ventures using innovative technologies. Includes three weeks of project work onsite at host organization.	SME startups, high-growth companies, nonprofits. Sample sectors: microfinance, agribusiness, digital media, textile, high tech, internet, telecom, medical devices, venture capital, transportation. Sample project types: new market entry, strategy, HR, marketing, financial modeling.	Second year Sloan MBAs, M.Fin, Sloan Fellows
GO-Lab 15.708-Executive MBA Global Organizations Lab	Spring	1 wk in March	Y	EMBA's, each averaging 17 years of work experience, form executive advisory teams for six-month projects with multinational companies. Projects focus on cross-border management challenges and feature one-week field study trips outside North America.	Multinational organizations worldwide, such as Akamai, Amorim, GDF SUEZ, Globant, Interlub, Li & Fung, Natura, Pfizer, Sany, and Statoil.	MIT Executive MBAs only
H-Lab 15.767/15.777-Healthcare Lab	Fall	15.777: Jan. travel	Y	Four-month projects with organizations in health and healthcare. Includes up to three weeks of on-site work in January for 15.777.	Hospitals, clinics, startups and other healthcare organizations with projects in operations, management, analytics, IT, marketing, or organizational dynamics.	All MIT students, with completed prerequisites and/or permission of instructor
India Lab 15.225	Spring	2 wks in March	N	Students work with companies on three-month consulting projects, including two week onsite in India.	Sample sectors: high-tech, higher education, healthcare, hotels, furniture, fashion design, airlines, tourism, pharma.	First or second year Sloan MBAs, other MIT grad students
Israel Lab 15.S16	Fall	3 wks in January	Y	Three-month projects with companies in Israel, launching new ventures using innovative technologies.	High-tech, marine technologies, oil & gas, healthcare, pharma, biotech, biomaterial, 3-D printing/manufacturing, tissue engineering/regenerative medicine.	All Sloan grad students, other MIT grad students
L-Lab 15.569-Leading Sustainable Systems	Fall	3 wks in January	Y	Students focus on developing their individual and collective capacity for leadership. They will use systems thinking to help their project hosts address critical issues of business sustainability, where leading across boundaries is often required.	Examples: Argos (Columbia), Caterpillar, Ferrovial (Spain) GE Aviation, IBM, Mars, PepsiCo, S.C. Johnson, Noroeste Sustentable (Mexico), Natura (Brazil), OCP (Morocco) and US Navy.	Second year Sloan MBAs, Sloan Fellows, MIT grad students, SDM and LGO grad students
Operations: 15.784-Operations Lab (Ops-Lab)	Spring		N	Students act as consultants on business and operations improvement projects for small- to medium-size organizations in the Boston area.	Examples: order fulfillment, inventory policy, resource and capacity planning, process layout and flow, supplier management, distribution. Host organizations include small manufacturers and retailers, startups, hospitals and food cooperatives.	Sloan MBAs, LGOs and other Sloan students
ESD.S31-Lion Teams	Spring	1 wk in China	N	Students address tactical problems faced by businesses with operations in China, in collaboration with students in Shanghai Jiao Tong University's China Leaders for Global Operations (CLGO) program. Four-month projects include one week on-site in China.	Critical problems in manufacturing and operations at Chinese companies. Recent examples: supply chain to reduce lead times for manufacture of electric motors; supplier risk assessment model for electronics manufacturer; lean implementation for consumer goods manufacturer.	LGO students only
S-Lab 15.915-Sustainable Business Lab	Spring		N	Focus on emerging strategies for sustainable businesses and organizations, using in-class simulations, cases, role playing, and speakers.	Examples: Tiffany, Amazon, EMC, IKEA, EDF, IO, Unilever, Mars, Natura, Nike, Fidelity, Sodexo, Culture Fuels, Clinton Climate Initiative.	All Sloan grad students, other MIT grad students
Study Tours 15.228-International Study Tours	Spring	1 or 2 wks in March	N	Traditional: Students travel over spring break and get a foundation in economic, political and cultural contexts of business in countries/regions outside the US; preceded by five 3-hour H1 evening classes. Action Learning: Students engage in in-depth projects on site during SIP and spring break (cases or thematic papers); preceded by five 3-hour H1 evening class sessions.	Sample destinations: Israel, Qatar, Ethiopia/Mozambique, Chile/Argentina, Turkey/UAE, Japan/Korea, Kenya/Rwanda, China/Mongolia, Brazil, Singapore, Paris/Milan/London, Denmark/Spain, Cambodia/Indonesia, Vietnam/Malaysia.	Sloan MBA and LGO students
T-Lab 15.571-Enterprise Transformations in the Digital Economy	Spring	Poss. March travel	N	Students explore, through case studies, executive visits, and hands-on projects, what established companies must do to transform themselves for success in the digital economy. Both remote and on-site project opportunities.	Student teams partner with Center for Information Systems Research (CISR) sponsor companies, all large global firms. Sample past projects have been in areas such as the internet of things, social media, customer engagement, crypto-currencies, knowledge management, technology engagement, and gamification.	MBA, EMBA, SDM, and LGO, Sloan Fellows; others with instructor permission

*Many labs are open to graduate students from other universities that have cross-registration agreements. Please check with program coordinators for details.

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