MIT–Harvard Medical School Healthcare Innovation Bootcamp

Sample Syllabus and Schedule

Overview

The MIT-Harvard Medical School Healthcare Innovation Bootcamp is an immersive, rigorous, team-based action-learning educational program that brings together the best of innovation and entrepreneurship education and practice from MIT and healthcare innovation from Harvard Medical School. You and your globally distributed team of healthcare innovators will come together virtually to build the foundations of a new healthcare venture in 10 weeks. This SAMPLE Syllabus will help you understand the different pedagogical components and time commitments reported by past Bootcampers for successful participation and completion of the MIT–Harvard Medical School Healthcare Innovation Bootcamp.

Onboarding to the NovoEd platform

Module 0 has different onboarding videos and documents to help you become familiar with NovoEd and the policies, expectations, and weekly prep work for the Bootcamp.

Onboarding reading (~ 30 min)		Pre-Bootcamp Work (~ 2.5 hours)	
Activity		Activity	
Welcome	5 mins	To dos (★ due before Bootcamp begins)	
Bootcamp Schedule	5 mins	★ Onboarding activities	1hr
Syllabus	10 mins	★ Pre-work	1.5 hrs
Software Requirements & Accessibility	20 mins		

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Module 1: Team
Essential Skill: Giving and receiving constructive feedback

Week 1 (~ 10 hours)

Activity	Time
Prepare: Review Individual Study videos	~ 1 hr
Live sessions: (Zoom) Tu/W/Th	~ 3 hr
Coaching Session	~ 1 hr
Team Meetings	~ 2 hr
Activities (★ due this week)	
★ Module 1 Team Deliverable: Team Charter	**~ 3 hr**

Module 2: Idea
Essential Skill: Leading team-based collective ideation processes

Week 2 (~ 10 hours)

Activity	Time
Prepare: Review Individual Study videos	~ 1 hr
Live sessions: (Zoom) Tu/W/Th	~ 3 hr
Coaching Session	~ 1 hr
Team Meetings	~ 2 hr
Activities (★ due this week)	
★ Module 2 Team Deliverable: Opportunity Memo	**~ 3 hr**

Module 3: Customer

Essential Skill: Interviewing customers and developing customer segmentation

Week 3 (~ 10 hours)

Activity	Time
Prepare: Review Individual Study videos	~ 1 hr
Live sessions: (Zoom) Tu/W/Th	~ 3 hr
Coaching Session	~ 1 hr
Team Meetings	~ 2 hr
Activities (★ due this week)	
★ Module 3 Team Deliverable: Customer Segmentation	~ 3 hr

Deleted: 3

Module 4: Market

Essential Skill: Estimating the total addressable market size for a product or service

Week 4 (~ 10 hours)

Activity	Time
Prepare: Review Individual Study videos	~ 1 hr
Live sessions: (Zoom) Tu/W/Th	~ 3 hr
Coaching Session	~ 1 hr
Team Meetings	~ 2 hr
Activities (★ due this week)	
★ Module 4 Team Deliverable: Total Addressable Market Size	~ 3 hr

Deleted: 3

Module 5: Product

Essential Skill: Creating a product concept and refining it in a rapid and agile way

Week 5 (~ 10 hours)

Activity	Time
Prepare: Review Individual Study videos	~ 1 hr
Live sessions: (Zoom) Tu/W/Th	~ 3 hr
Coaching Session	~ 1 hr
Team Meetings	~ 2 hr
Activities (★ due this week)	
★ Module 5 Team Deliverable: Product Concept	~ 3 hr

Module 6: Business

Essential Skill: Estimating the unit economics of a product or service

Week 6 (~ 10 hours)

Activity	Time
Prepare: Review Individual Study videos	~ 1 hr
Live sessions: (Zoom) Tu/W/Th	~ 3 hr
Coaching Session	~ 1 hr
Team Meetings	~ 2 hr
Activities (★ due this week)	
★ Module 6 Team Deliverable: Unit Economics	~ 3 hr

Module 7: Story

Essential Skill: Crafting a story and pitching with poise, passion, and confidence

Week 7 (~ 10 hours)		Deleted: 3
Activity	**Time**	
Live sessions: (Zoom) Tu/W/Th	~ 2 hr	
Coaching Session	~ 1 hr	
Team Meetings	~ 3 hr	
Activities (★ due this week)		
★ Module 7 Team Deliverable: Innovation Story	~ 3 hr	

Module 8: Ready

Essential Skill: Developing a compelling elevator pitch

Week 8 (~ 10 hours)		Deleted: 3
Activity	**Time**	
Live sessions: (Zoom) Tu/W/Th	~ 2 hr	
Coaching Session	~ 1 hr	
Team Meetings	~ 3 hr	
Activities (★ due this week)		
★ Module 8 Team Deliverable: Elevator Pitch	~ 3 hr	

Module 9: Ready-set

Essential Skill: Developing an executive summary of a venture

Week 9 (~ 10 hours)		Deleted: 3
Activity	**Time**	
Live sessions: (Zoom) Tu/W/Th	~ 2 hr	
Coaching Session	~ 1 hr	
Team Meetings	~ 3 hr	
Activities (★ due this week)		
★ Module 9 Team Deliverable: Executive Summary	~ 3 hr	

Module 10: Ready-Set-Pitch

Essential Skill: Developing and pitching a venture pitch deck

Week 10 (~ 10 hours)		Deleted: 3
Activity	**Time**	
Live sessions: (Zoom) Tu/W/Th	~ 2 hr	
Coaching Session	~ 1 hr	
Team Meetings	~ 3 hr	
Activities (★ due this week)		
★ Module 10 Team Deliverable: Pitch Deck	~ 3 hr	

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Appendices A, B & C

Component	Description	Avg weekly time commitment	Live or recorded/ team/on your own
Individual study	Required module videos/podcasts	1 hour	On your own, before each Module begins
Innovation workshops	Interactive workshops with MIT Bootcamps & Harvard lecturers	2 - 3 hours	Live, fixed schedule (usually Tu/W/Th 10-11am ET). Attendance not taken. Recordings available within 24 hours for those unable to attend live
Lectures	Interactive lectures from MIT & Harvard faculty and practitioners		
Team meetings	Meet with your team virtually	2 - 3 hours	Live, you schedule with your team. Teams formed based on similar availability you submit. Attendance important
Coaching sessions	Team coaching from MIT Bootcamps coaches. *Per Module + pitch sessions	1 hour*	Live, timings based on availability you submit before Bootcamp begins. Attendance important
Deliverables	Exercises for your team to complete each module, related to your venture	1 - 4 hours	On your own, based on team schedule
Total		**~ 10 hours**	

Bootcamp Completion Criteria

We will offer a digital Certificate of Completion or other acknowledgment (a "Certificate") for Bootcampers who, in our judgment, have satisfactorily demonstrated participation and completion of the learning program outlined above and/or mastery of the learning program material. We expect learners to successfully work with their team (meet the expected contribution to the team throughout the program and to participate in the final pitch preparation and presentation. Certificates will be issued by and under the name of MIT Bootcamps. The decision whether a Certificate will be awarded to a given student will be solely within our discretion.

In addition to participating in the final presentation, we will use the following to help determine participation and therefore whether a Certificate is awarded. As part of each Team Deliverable, including the Final Presentation, your team will be asked to provide what each member contributed to the deliverable, which team members have "unexcused absences" from team meetings, and which team members did not contribute to the team's progress when absent from meetings. Coaches will also report which team members have "unexcused absences" from coaching sessions. If you know you will miss a coaching session, notify your coach in advance, letting them know how you are contributing to the team that Module.