

Engineering + Innovation Camps at CU Denver

Design Innovation + Health Care and Smart Cities

Sample Itinerary

Monday

9 – 9:30 a.m.	Welcome and Registration
9:30 – 10 a.m.	Overview Briefing
10 – 11:30 a.m.	Design Innovation Micro Exercise with Makey Makey
11:30 a.m. – 12 p.m.	Introduction to the three sub-categories of “Smart Community”
12 – 1 p.m.	Lunch on your own
1 – 1:45 p.m.	User Discovery: Identifying Stakeholder
1:45 – 2:30 p.m.	Crafting interview questions
2:30 - 4:30 p.m.	Conducting interview with the community
4:30 – 5 p.m.	Post-interview Reflection

Tuesday

9 – 10:30 a.m.	Persona, Scenarios and Jobs to be Done
10:30 – 10:45 a.m.	Break
10:45 a.m. – 12 p.m.	Affinity Diagram
12 – 1 p.m.	Lunch on your own
1 – 1:45 p.m.	Formulating Opportunity Statements
1:45 – 2:30 p.m.	Functional Analysis
2:30 – 3:15 p.m.	Morph Matrix
3:15 – 3:30 p.m.	Break
3:30 – 4 p.m.	Creativity Warm Up
4 – 4:45 p.m.	Collaborative Sketchin
4:45 – 5 p.m.	Review and Feedback

Wednesday

9 – 10:20 a.m.	Rapid Prototyping
10:20 – 10:40 a.m.	Break
10:40 a.m. – 12 p.m.	Testing of prototypes amongst teams
12 – 1 p.m.	Lunch on your own
1 – 5 p.m.	Masterclass Sessions (Mobile App Development, Hardware Prototyping with Arduino, 3D Modeling)

Thursday

9 – 10:30 a.m.	Business Model Canvas
10:30 – 10:45 a.m.	Break
10:45 – 11:15 a.m.	How to Pitch
12 – 1 p.m.	Lunch on your own
1 – 3 p.m.	Studio Session
3 – 3:15 p.m.	Break
3:15 – 4:45 p.m.	Presentation
4:45 – 5 p.m.	Wrap up and Prize Presentation