

PYNQ Bootcamp 2021 Agenda

Day 1 Monday, August 2 (Innovation center)

9:00 AM - 9:30 AM	Welcome to PYNQ
9:30 AM - 10:30 AM	Unboxing
10:30 AM - 11:30 AM	PYNQ 101: Intro to PYNQ (On Board LED and Switches)
11:30 AM - 12:00	Fun Game (Optional)
12:00 - 12:45 PM	Lunch
12:45 PM - 1:45 PM	TNC Speech
2:00 PM - 3:00 PM	PYNQ 201: Blink with PYNQ - LED Bar and Buttons
3:00 PM - 3:30 PM	Wrap up

Day 2 Tuesday, August 3 (Innovation center)

9:00 AM - 9:30 AM	Hackathon Overview			
9:30 AM - 10:00 AM	Team formation			
10:00 AM - 11:00 AM	PYNQ 301: Intro to Cameras			
11:00 AM - 12:00 AM	Environment Panel (Ocean first/boulder county/plant life)			
12:00 - 12:45 PM	Lunch (Working Lunch: Project Idea Brainstorm)			
12:45 PM - 1:45 PM	PYNQ 401: External I/O	PYNQ 402: Computer Vision	PYNQ 403: Intermediate Python	PYNQ 404: Audio
1:45 PM - 3:00 PM	PYNQ 501: Motor/Robotics			
3:00 PM - 3:30 PM	Wrap-up			

Day 3 Wednesday, August 4 (Innovation center)

9:00 AM - 10:00 AM	PYNQ 601: Temperature/Humidity Sensing & Board-to-Board Communication			
10:00 AM - 10:30 AM	Project Idea Brainstorm			
10:30 AM - 12:00 AM	Project Pitches			
12:00 - 12:45 PM	Lunch			
12:45 PM - 2:00 PM	Office hours			
2:00 PM - 3:00 PM	PYNQ 401: External I/O	PYNQ 402: Computer Vision	PYNQ 403: Intermediate Python	PYNQ 404: Audio
3:00 PM - 3:30 PM	Wrap-up			

Day 4 Thursday, August 5 (Innovation center)

9:00 AM - 10:30 AM	Hackathon Work Time
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10:30 AM - 11:00 AM
11:00 AM - 12:00 AM
12:00 - 12:45 PM
12:45 PM - 2:00 PM
2:00 PM - 2:30 PM
2:30 PM - 3:00 PM
3:00 PM - 3:30 PM

Fun Games: Joy with MS Paint with Bob Ross (optional)
Hackathon Work Time
Lunch
Hackathon Work Time
Fun Games: Paper Airplane Jamboree (Optional)
Hackathon Work Time
Wrap-up

Day 5 Friday, August 6 (Innovation center)

9:00 AM - 11:00 AM
11:00 AM – 11:30 AM
11:30 AM – 12:00
12:00 – 12:45 PM
12:45 AM - 3:00 PM
3:00 PM – 3:30 PM

Hackathon work time
Birds of a Feather: Women in Technology Panel Discussion
Project Showcase Setup
Lunch with Interns/ELP
Project Showcase
Results and Key notes