

AstroTech Development Workshop Agenda: instructor prep**Day 1: Monday, July 15, 2019**

Time	Participants	Session	Location
	All	Breakfast on own	
10:30-11:00	Developers & future instructors	Workshop Check-In Participants pick up workshop materials	Campbell 121
11:00-11:15	All	Welcome & Opening Remarks	Campbell 121
11:15-11:30	All	Overview of Workshop Agenda and Participant Roles	Campbell 121
11:30-12:00	Developers & future instructors	Developing AstroTech: Key Areas and Goals for Workshop	Campbell 121
12:00-1:00	All	Lunch	Campbell 6th floor, 625
1:00-3:00	Developers & future instructors	Activity teams prep individual labs	Lab 219
1:00-3:00	Developers & future instructors	Working groups on subset of key areas	Campbell 121
3:00-3:30		Break	
3:30-5:00	Developers & future instructors	Activity teams prep individual labs	Lab 219
3:30-5:00	Developers & future instructors	Working groups on subset of key areas	Campbell 121
	All	Dinner on own	

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Day 2: Tuesday, July 16, 2019

Time	Participants	Session	Location
	All	Breakfast on own	
8:45-9:00	Developers & future instructors	Workshop Check-In Participants arriving Tuesday pick up workshop materials	Campbell 131
9:00-9:15	Developers & future instructors (arriving today)	AstroTech Background, Goals, and Development Workshop structure	Campbell 131
9:15-9:45	Developers & future instructors (arriving today)	Developing AstroTech: Key Areas and Goals for Workshop Update from Monday's work and highlight today's areas of focus, especially for instructors newly arrived. Check who will be participating in working groups this morning/afternoon, vs. running or prepping lab activities.	Campbell 131
9:45-10:30	Developers & future instructors	Small groups debrief in parallel: - Introduction to Build-Your-Own Spectrograph - Lab Ground Rules + Optics and Spectrograph Lab - Collaboration/Teamwork Session	Campbell 131
10:30-10:45	Developers & future instructors	Break	
10:45-11:45	BYOS & Integration/Testing teams	Activity teams prep individual labs - BYO Spectrograph - Integration and Testing	Lab 225
10:45-11:45	Developers & future instructors	Working groups on subset of key areas	Campbell 131
11:45-12:45	All	Lunch	Campbell 6th floor, 625
12:45-2:00	Developers & future instructors	Materials and Plan for 2020 Optics and Spectrograph Lab	Lab 225 or Campbell 131
12:45-2:00	Developers & future instructors	Prep for Wednesday - Career pathways activity - Working groups	Campbell 131
2:00-2:20	Developers & future instructors	Break	
2:20-3:50	Grating Design team	Debrief Grating Design Lab and preliminary plan for 2020	Lab 219
2:20-3:50	Developers & future instructors	Working groups on subset of key areas	Campbell 131
3:50-4:00	All	Break	
4:00-5:00	All	Power and Money in Astronomy Erika Hamden, University of Arizona	Campbell 131
	All	Dinner on own	

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Day 3: Wednesday, July 17, 2019

Time	Participants	Session	Location
	All	Breakfast on own	
9:00-9:45	All	Overview of AstroTech Needs, goals, overall timeline and how AstroTech could evolve	Campbell 131
9:45-10:30	Developers & future instructors	Instrumentation careers Define instrumentation careers, career progressions; present what we've done so far and add to it	Campbell 131
10:30-10:45	All	Break	
10:45-11:45	All	Career Pathways Student participants interview instructor participants and guests on their career experiences and strategies for succeeding in instrumentation	Campbell 131 + Campbell 121
11:45-12:30	Developers & future instructors	Metrics of success How we will evaluate success of AstroTech (what we will track, etc.); present what we have so far and add to it	Campbell 131
12:30-1:30	All	Lunch	Campbell 6th floor, 625
1:30-3:00	Developers & future instructors	Supporting STEM Identity / using research to inform development of AstroTech Discuss short reading on identity development, and then the ways that instructors can apply it to AstroTech activities	Campbell 131
3:00-3:20	Developers & future instructors	Break	
3:20-4:00	Developers & future instructors	Learning outcomes of AstroTech Scientific, technical and professional outcomes we hope to achieve; present as a guideline and something we'll continue to revise	Campbell 131
4:00-4:30	Developers & future instructors	Draft plan for AstroTech 2020 workshop Current draft of what we envision for the 2020 workshop, input based on activities so far this week	Campbell 131
4:30-4:45	Developers & future instructors	Break	
4:45-5:45	Developers & future instructors	Launching AstroTech 2020 Announcing, recruiting, application, selection, etc.	Campbell 131
	All	Dinner on own	

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Day 4: Thursday, July 18, 2019

Time	Participants	Session	Location
	All	Breakfast on own	
9:15-10:00	Developers & future instructors	Review status of key areas/goals, and determine working groups	Campbell 131
10:00-11:00	Developers & future instructors	Working groups	Campbell 131
11:00-11:15		Break	
11:15-12:30	Developers & future instructors	Working groups share-out and feedback Form new groups or revise focus as needed	Campbell 131
12:30 - 1:30	All	Lunch	Campbell 6th floor, 625
1:30-2:30	Developers & future instructors	Working groups	Campbell 131
2:30-3:25	Developers & future instructors	Working groups share-out and feedback	Campbell 131
3:25-3:45	All	Break	
3:45-4:30	All	Instrument tour and synthesis	Lab 219 + Lab 225 + Campbell 131
4:30-5:00	Developers & future instructors	Break (parallel to final debrief with test pilots)	
5:00-5:30	Developers & future instructors	Wrap-up Identify the most pressing action items to follow up after meeting	Campbell 131
	All	Dinner on own	

Day 5: Friday, July 19, 2019

Time	Participants	Session	Location
9:00-12:00	Developers & future instructors	Sessions for instructors/developers staying Friday will be determined during the workshop	