

FALL 2019 CLASSES AND SEMINAR CALENDARS

Complete Step 1 on your own schedule so you can complete the qualifying quiz by September 10, 2019.

STEP 1

IntroSTARS™ -- An overview of the astronomy needed for your **DoubleSTARS™** research and paper

Enroll online at any time at Boyce-Astro.org - the course is free, online, and self-paced

Stellar motion and what it tells us: sky coordinates, star motions, Kepler's Laws, Newton's Laws, distances

Stellar light and what it tells us: electromagnetic radiation, colors, temperatures, Doppler effect, masses, lives

Take online quiz to qualify for DoubleSTARS™ - sent to registered students before DoubleSTARS™ start

STEP 2 Pass the IntroSTARS™ quiz and join us for DoubleSTARS™ this fall on September 18.

BOYCE-ASTRO ONLINE SEMINARS FOR DOUBLE STAR RESEARCH

FALL SEMESTER 2019

DoubleSTARS™ Seminar -- for graduates of IntroSTARS™ to research and write a scientific paper

Applications for the Seminar and Scholarships Are Due Prior to the Week 1 Class

WEEK	TOPIC	WHEN	DATE	WHERE
1	Find your mystery: Select your target system (this first class is longer to address logistics and systems used)	Wednesday, 8:00 - 10:00 PM	18-Sep-19	Online (Zoom*)
SEMINAR FEES ARE DUE PRIOR TO THE WEEK 2 ONLINE CLASS				
2	Dig into your target's data and history	Wednesday, 8:00 - 9:30 PM	25-Sep-19	Online (Zoom*)
3	Imaging: telescopes, cameras, and filters	Wednesday, 8:00 - 9:30 PM	2-Oct-19	Online (Zoom*)
4	Planning and proposing your research project	Wednesday, 8:00 - 9:30 PM	9-Oct-19	Online (Zoom)
PROPOSAL PRESENTATIONS		Saturday, 8:30 - 11:00 AM	12-Oct-19	School - TBA
5	Visualizing and presenting your information	Wednesday, 8:00 - 9:30 PM	16-Oct-19	Online (Zoom*)
6	What's your target doing? Measurement and statistics	Wednesday, 8:00 - 9:30 PM	23-Oct-19	Online (Zoom*)
7	Bringing it all together: Writing your paper -- ONLINE HELP SESSIONS as requested --	Wednesday, 8:00 - 9:30 PM	30-Oct-19	Online (Zoom*)
1st TEAM WORKING SESSION Preparing your Results and Discussion		Saturday, 8:30 - 11:00 AM	9-Nov-19	School - TBA
-- REQUIRED ONLINE HELP SESSION FOR EACH TEAM --			By November 15 2019	Online (Zoom*)
			Draft 1 due at end of week	17-Nov-19
-- ONLINE HELP SESSIONS as requested --				
2nd TEAM WORKING SESSION Writing: Abstract, Acknowledgments and References		Saturday, 8:30 - 11:00 AM	cancelled	Thanksgiving Break
-- ONLINE HELP SESSIONS as requested --				
			Draft 2 due at end of week	7-Dec-19
FINAL PRESENTATIONS		Saturday, 8:30 - 11:00 AM	January date - TBA	School - TBA
Final draft due - TBA (to be announced)				

Other optional events to attend:

Star Party at SDAA's Tierra Del Sol	Saturday, September 21, 2019	arrive by sunset
Observatory Field Trip	TBA	
Guest Astronomer Lecture	TBA	
Guest Student Lecture	TBA	

* Zoom Meetings are held at 435 909 0389

TBA = To Be Announced