

# ASTRONOMY 101

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## **Friday June 23<sup>rd</sup>**

10:00-10:30 – Introductions (Meet and Greet with Campus Slideshow) JG/JA

10:30-11:30 – Primer (Light Pollution, Observing at Night and in Warm or Cold Conditions) JG

11:30-12:00 – Break

12:00-1:00 – Telescopes (Popular Designs, Binocs, Night/Day Uses, Proper Storage) JA

1:00-2:00 – Lunch

2:00-3:30 – Our Sun (Live Projection, Weather, Composition, Relationship to Stars) JG

3:30-4:00 – Break

4:00-5:00 – Constellations (Navigation, Planispheres, Star Charts, Apps) JA

5:00-5:30 – Q&A

6:30 – Dinner

Night Session – Field Lecture and Observing

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## **Saturday June 24<sup>th</sup>**

10:30-11:30 – Solar System (Planets, Moon Phases and Motion) JA

11:30-12:00 – Break

12:00-1:00 – Galaxies (Milky Way, Types, Distances, Local Group and Clusters) JG

1:00-2:00 – Lunch

2:00-3:30 – Stellar Evolution (Life Cycle of Stars) JA

3:30-4:00 – Break

4:00-5:00 – Beginning Astrophotography (Sensors, Cameras, Slideshow Basics) JG

5:00-5:30 – Q&A

6:30 – Dinner

Night Session – Field Lecture and Observing

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Note: The day class instruction will be presented with a lecture-based environment and projector where necessary. PC's/ laptops are not required. However, you may bring one if you wish.