

ESA November 9th, 2015 ESA Meeting

Present: *Present: Mark Boryta, Becca Walker, Julie Bray-Ali, Tania Anders, Craig Webb, Dave Mrofka, Hilary Lackey, Mike Hood, Heather Jones*

1. Minutes from October meeting. Approved.
2. Curriculum Update: Geol24, 25 & 29 (Dave and Becca): Approved by Department before G.E. status is finalized (authors will apply for GE status at a later time.)
3. Winter and Spring schedule: Registration for winter starts tomorrow. We are still looking for someone to cover sections of Ocean 10 and Geology 8 and Julie sent out a message requesting us to interview. Also please check your schedule for spring
4. Senate report (Becca): nothing to report
5. Association report (Mike)
6. Calendar options for 2016-17. Two options: One is pretty standard, the other starts fall earlier, and adds a full week break at Thanksgiving. Department votes for Option B (no week off for Thanksgiving).
7. Possible student email tracking project. Should we start a task force to get some data on how much time faculty spend emailing students? The Department is NOT interested in documenting email time as it would take too much time.
8. Planetarium & Observatory update (Heather) – see below
9. Division meeting report (Mark):
 - a. New faculty hiring decision was made. We are not getting our environmental position at this time;
 - b. Karelyn asks that when we do curriculum updates we make sure to check all the appropriate boxes. Many are getting sent over to her with these minor things overlooked.
 - c. The Division Office asks that if you are going to be absent or miss office hours, call ext. 4425. The Div. office prefers that we take personal leave hours rather than re-scheduling office hours.
 - d. Procedure for **adjunct** student evaluations: Fill out the blue sheet and give the stack of scantrons to the Office. They will type up the comments and process it at IT. Full time faculty administering their own evaluations need to process their own.
10. SLOs evaluations, outcomes. Faculty express that they are aware of but have not had a chance to complete the document that Julie sent. We don't have SLO questions or data for the following: Astro 99, Geo 99, Geo 8H, Geo 2.
11. Mt. SAC website – department website. Hilary has volunteered to meet with the designers and update the website to fit the new format. Let her know if you have suggestions and/or want to help.
12. December meeting (Monday of final exam week, 4:30 to 6:30pm). Clearman's Northwoods Grill
13. Adopt-a-family.
14. Solar eclipse August 21, 2017 will be visible in most of the US. The Planetarium wants to get out into the schools and have the kids make viewers, etc.
15. Redinger endowment application needs to be announced soon in order to not be too rushed. Craig Webb wrote the application questions. Tania Anders offered to supervise a student.

Planetarium/Observatory October 2015 Report

Observatory Report:

Telescope Nights- Next telescope night is Friday December 4, 2015. Please let your students know about it and the opportunity to volunteer as a telescope operator. No experience necessary!

Camera Issues- The 16" CCD Camera is having intermittent issues. However, changing the order the computer, telescope and camera are powered on seems to help a lot. We haven't had any problems for two weeks. Just to be sure we are replacing our USB signal booster, which should be replaced every couple of years anyway.

Batteries- Four new battery packs have been ordered and should arrive soon!

ADA- Revolution image cameras are on order. Elevator will not be fixed until next semester

Elevator: The contact person from Facilities for the elevator repair said that he and Matt are dealing with it and requested that we not contact him about it anymore. Sounds like it will not be fixed this semester

Planetarium Report:

Von Karman Lecture - Thank you Mark and Jessica for doing the Von Karman pre-lecture this week!

Next Von Karman Lecture – Thursday December 3, 2015 @ 6:30 PM

Topic - The InSight Mission: Journey to the Center of Mars

Pre-Lecture Speaker for December?

Construction - The 26 East Grass adjacent to the planetarium where we usually launch rockets will be blocked off for construction in January and will not be accessible for six months. We've made arrangements to launch rockets for school groups from Sherman Park during this construction phase and then be back at the 26 East Grass by late summer 2016. We are **NOT** planning on offering the rockets activity for birthday party groups during this construction phase.

Reach for the Stars - Reach for the Stars applications have been received and are currently being sorted. Can you help select the finalists next week at 4:30 PM 11/16 in 60-1306? I will bring refreshments!

Reservations - Do you need to use the planetarium during the winter intersession? Please reserve the planetarium for your class by November 23, 2015. You can reserve time by sending me an email at hjones3@mtsac.edu. If you do not have access to the planetarium reservation calendar and cannot see what dates are available, please come talk to me.

Website - We have updated the look and functionality of our website. Some pages are still under construction but visitors can currently check show times, purchase tickets and request reservations online.

Meeting Adjourned 5:55

OCEANOGRAPHY

■ OCEA 10 — Introduction to Oceanography 3.0 Units

Degree Applicable, CSU, UC

Geological, chemical, physical, and biological aspects of the Earth's ocean.

41893	TTh	8:00am - 9:25am	Johnpeer, G	11-2209
41894	F	8:00am - 11:10am	STAFF	11-2209
42039	MW	9:45am - 11:10am	Regalado, S	11-2209
41896	TTh	9:45am - 11:10am	Johnpeer, G	11-2209
41897	MW	11:30am - 12:55pm	Smith, L	11-2209
42024	TTh	11:30am - 12:55pm	Anders, T	11-2209
42026	TTh	11:30am - 12:55pm	Lackey, H	61-1420
41990	MW	1:15pm - 2:40pm	Smith, L	11-2209
42033	TTh	1:15pm - 2:40pm	Anders, T	11-2209
41899	T	6:30pm - 9:40pm	Roberts, C	11-2209
41898	W	6:30pm - 9:40pm	Roberts, C	11-2209
41901	S	9:00am - 12:10pm	Prothero, D	11-2209

■ OCEA 10H — Introduction to Oceanography - Honors 3.0 Units

Degree Applicable, CSU, UC

Prerequisite: Acceptance into the Honors Program

Introduces the marine environment and oceanic processes. Field trips included. Cannot receive credit for OCEA 10 and OCEA 10H.

43040	TTh	1:15pm - 2:40pm	Lackey, H	60-1628
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■ OCEA 10L — Introduction to Oceanography Laboratory 1.0 Unit

Degree Applicable, CSU, UC

Corequisite: OCEA 10 or OCEA 10H (May have been taken previously)

Laboratory applications and problem-solving in oceanography.

41902	Th	11:30am - 2:40pm	Smith, L	60-1511
41903	F	12:00pm - 3:10pm	STAFF	60-1511
42040	W	1:15pm - 4:25pm	Anders, T	60-1511
43034	T	3:00pm - 6:10pm	Fair, C	60-1511
41904	W	6:30pm - 9:40pm	Lackey, H	60-1511
43035	Th	6:30pm - 9:40pm	Anders, T	60-1511

ASTRONOMY

■ ASTR 5 — Introduction to Astronomy 3.0 Units

Degree Applicable, CSU, UC

Prerequisite: Eligibility for ENGL 1A

Introductory survey of the Universe. Enroll in ASTR 5L to receive laboratory science credit. Field trips may be required.

41847	F	9:00am - 12:10pm	STAFF	11-2119
41837	MW	9:45am - 11:10am	Boryta, M	11-2119
41836	TTh	9:45am - 11:10am	Hood, M	11-2119
41840	MW	11:30am - 12:55pm	Boryta, M	11-2119
42031	TTh	11:30am - 12:55pm	Dhalla, S	11-2119
41838	MW	1:15pm - 2:40pm	Hood, M	11-2119
41844	T	1:15pm - 4:25pm	Hood, M	61-1420
41842	TTh	1:15pm - 2:40pm	Dhalla, S	11-2119
41845	TTh	3:00pm - 4:25pm	STAFF	11-2119
43245	Th	6:30pm - 9:40pm	STAFF	11-2119

■ ASTR 5L — Astronomical Observing Laboratory 1.0 Unit

Degree Applicable, CSU, UC

Corequisite: ASTR 5 or 5H OR 7 or 8 (May have been taken previously)

Advisory: Math 51

Lab and field applications and problem-solving in astronomy. Required evening observing sessions and/or field trips.

41855	M	9:45am - 12:55pm	Hood, M	60-1306
41854	W	9:45am - 12:55pm	Hood, M	60-1306
41850	Th	11:30am - 2:40pm	Hood, M	60-1306
41849	M	1:15pm - 4:25pm	Bray-Ali, F	60-1306
41851	T	1:15pm - 4:25pm	Bray-Ali, F	60-1306
41852	Th	3:00pm - 6:10pm	Dhalla, S	60-1306

■ ASTR 7 — Geology of the Solar System 3.0 Units

Degree Applicable, CSU, UC

Geological features and evolution in the solar system. Enroll in ASTR 5L to receive lab science credit. Field trips are required.

41857	MW	8:00am - 9:25am	Boryta, M	11-2119
41861	Th	1:15pm - 4:25pm	Phelps, S	11-2101
41986	F	3:00pm - 6:10pm	Phelps, S	61-1420
41858	T	6:30pm - 9:40pm	Phelps, S	61-1420

GEOLOGY

■ GEOL 1 — Physical Geology 4.0 Units

Degree Applicable, CSU, UC

Prerequisite: Eligibility for MATH 51

Minerals, rocks, volcanoes, earthquakes, and landscapes. Required field trips may involve overnight camping.

41867	T	11:30am - 2:40pm	Boryta, M	60-1512
	and Th	11:30am - 2:40pm	Boryta, M	60-1512
41868	M	1:15pm - 4:25pm	Walker, R	60-1512
	and W	1:15pm - 4:25pm	Walker, R	60-1512

■ GEOL 2 — Historical Geology 4.0 Units

Degree Applicable, CSU, UC

Prerequisite: GEOL 1 or GEOL 8L

Tectonic, biologic and climatic development of the Earth system.

Required field trips may involve overnight camping.

43032	T	8:00am - 11:10am	Mrofka, D	60-1512
	and Th	8:00am - 11:10am	Walker, R	60-1512

■ GEOL 8 — Earth Science 3.0 Units

Degree Applicable, CSU, UC

Fundamentals of geology, oceanography, meteorology, and astronomy.

Field trips required. Take with GEOL 8L for lecture/lab credit.

41869	MW	8:00am - 9:25am	Neves, D	11-2324
41940	F	9:00am - 12:10pm	Fair, C	11-2324
41871	MW	9:45am - 11:10am	Neves, D	11-2324
43030	M	9:45am - 12:55pm	Lackey, H	60-1515
41872	TTh	9:45am - 11:10am	Nguyen, K	11-2324
41873	MW	11:30am - 12:55pm	Kingsbury, S	11-2324
41874	TTh	11:30am - 12:55pm	Nguyen, K	11-2324
42041	MW	1:15pm - 2:40pm	Kingsbury, S	11-2324
41988	M	1:15pm - 4:25pm	Mrofka, D	60-1515
41875	TTh	1:15pm - 2:40pm	STAFF	11-2324
43029	T	3:00pm - 6:10pm	Nguyen, K	11-2324
43031	TTh	3:00pm - 4:25pm	Mata, S	11-2209
41876	T	6:30pm - 9:40pm	Kingsbury, S	11-2324
43028	W	6:30pm - 9:40pm	Fair, C	11-2324
41877	Th	6:30pm - 9:40pm	Roberts, C	11-2324
41878	S	9:00am - 12:10pm	Grubb, B	60-1515

■ GEOL 8L — Earth Science Laboratory 1.0 Unit

Degree Applicable, CSU, UC

Corequisite: GEOL 8 or GEOL 8H (May have been taken previously)

Laboratory applications and problem-solving in geology, oceanography, meteorology, and astronomy.

41879	W	9:45am - 12:55pm	Lackey, H	60-1515
42027	Th	11:30am - 2:40pm	Mrofka, D	60-1515
41882	M	1:15pm - 4:25pm	Neves, D	60-1511
41880	W	1:15pm - 4:25pm	Mrofka, D	61-1515
41881	Th	3:00pm - 6:10pm	Hughes, R	60-1515
41883	T	6:30pm - 9:40pm	Mata, S	60-1515
41884	S	1:00pm - 4:10pm	Grubb, B	60-1515

■ GEOL 9 — Environmental Geology 3.0 Units

Degree Applicable, CSU, UC

Advisory: ENGL 1A

Human interactions with the geological environment for non-science majors. Field trips required.

41885	MW	9:45am - 11:10am	Anders, T	60-1511
41886	MW	11:30am - 12:55pm	Regalado, S	61-3406
43033	MW	1:15pm - 2:40pm	Regalado, S	61-1420

■ GEOL 10 — Natural Disasters 3.0 Units

Degree Applicable, CSU, UC

A survey of the hazards faced by humans from the natural environment.

Field trips required.

41887	MW	9:45am - 11:10am	Webb, C	60-1512
41888	MW	11:30am - 12:55pm	Webb, C	60-1512
43027	Th	6:30pm - 9:40pm	Mata, S	11-2209

■ GEOL 24 — Geologic Field Studies: Central California 4.0 Units

Degree Applicable, CSU

Field studies of selected central California geological provinces.

Overnight field trips with substantial hiking required.

41913	T	11:30am - 2:40pm	Walker, R	60-1515
	and arrange	3.4 hours	Mrofka, D	

■ METO 3 — Weather and the Atmospheric Environment 3.0 Units

Degree Applicable, CSU, UC

An introduction to the atmosphere. May include field work and/or field trips.

41889	TTh	8:00am - 9:25am	Webb, C	60-1511
41890	TTh	9:45am - 11:10am	Webb, C	60-1511
41891	W	6:30pm - 9:40pm	Mendenhall, L	60-1512

■ METO 3L — Weather and Atmospheric Environment Laboratory 1.0 Unit

Degree Applicable, CSU, UC

Corequisite: METO 3 (May have been taken previously)

Laboratory applications and problem-solving related to the atmospheric environment.

41892	T	11:30am - 2:40pm	Webb, C	60-1511
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