

# “214 International NASE-IAU Astronomy Course”

Manila, Philippines, March 2021

## Questionnaire

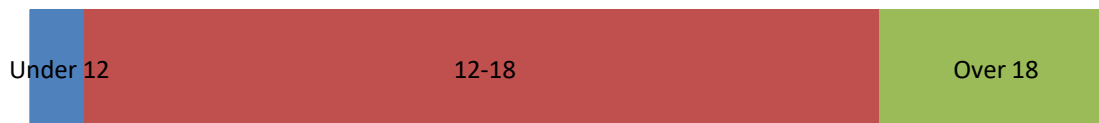
### Discipline:

Physics	Chemistry	Nat. Science	Biology	Astronomy	Primary
15%	16%	9%	42%	10%	8%



### Level:

Under 12	12-18	Over 18
5%	74%	21%



### Is this school your first contact with astronomy?

No	Yes
66%	44%



### If no, what is your background in astronomy?

Self-taught	Courses	Amateurs	University
16%	36%	7%	41%



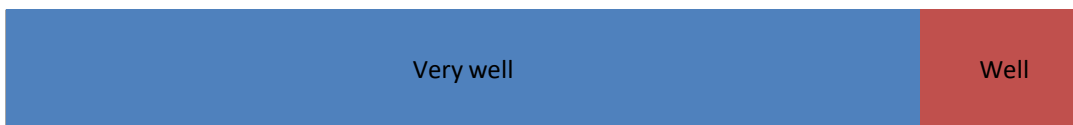
**What was the cause for participating in this course?**

Professionals	Personal
77%	23%



**What do you think of the choice of dates?**

Very well	Well
85%	15%



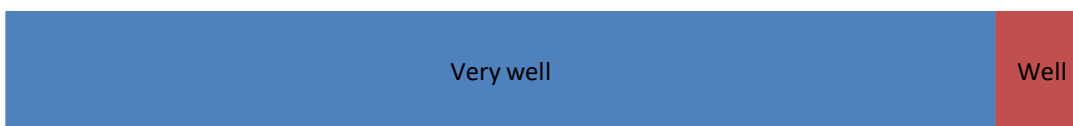
**What about duration?**

Very well	Well	Length
82%	16%	2%



**What do you think of the organization of the day (and night) in four different types of activities: conferences, working groups, workshops, observations?**

Very well	Well
92%	8%



**What kind of activities have preferred?**

Workshops	All	Lectures
31%	64%	5%



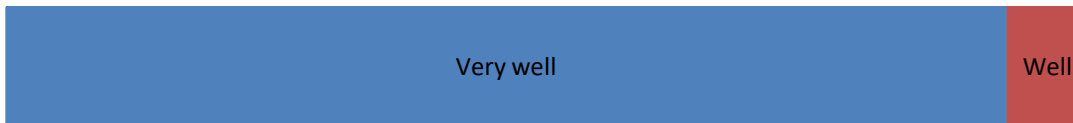
### What kind of activities you like less?

Workshops	Working groups	None
5%	5%	90%



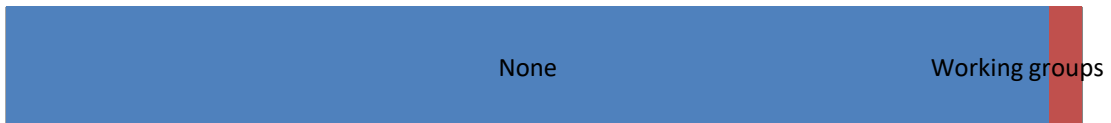
### The subjects, have met your expectations?

Very well	Well
93%	7%



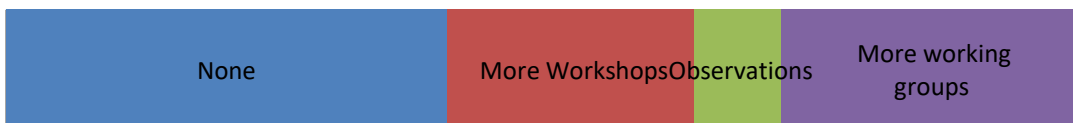
### What would you delete?

None	Working groups
97%	3%



### What would you add?

None	More Workshops	Observations	More working groups
41%	23%	8%	28%



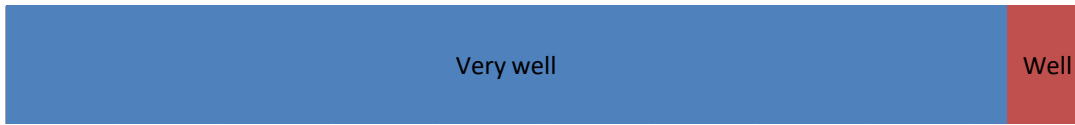
### The level of activities has been:

Satisfactory	Too high
90%	10%



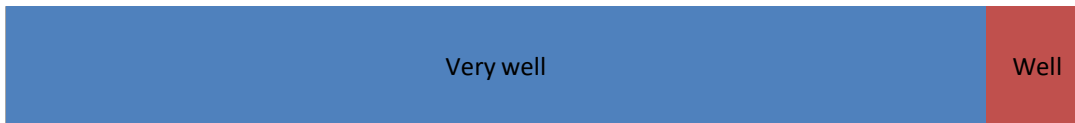
**What is your opinion about the teaching methods of teachers?**

Very well	Well
93%	7%



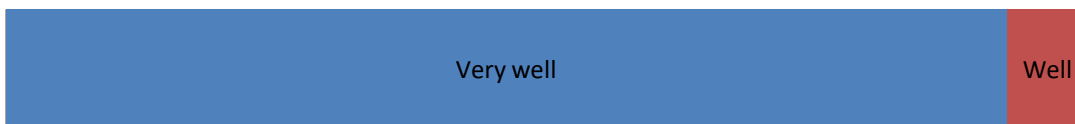
**What is your opinion about NASE web?**

Very well	Well
82%	8%



**What is your opinion about coordination between different activities?**

Very well	Well
93%	7%



**What is your overall opinion of the course related to:**

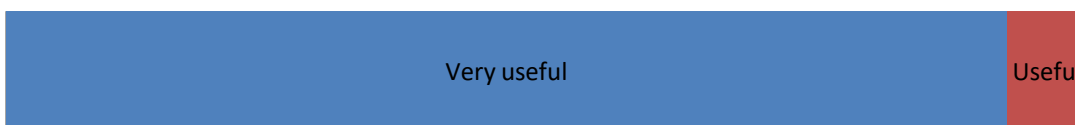
**a) Exchanges and contacts with other participants?**

Very interesting	Interesting
70%	30%



**b) What is your opinion about the usefulness of the course to their teaching?**

Very useful	Useful
93%	7%



### What especially criticize?

- None
- The materials used in the workshop
- So far, this has been one of the best NASE workshops. Great job!
- The 3rd workshop is too fast, I wasn't able to catch up but still I learned a lot.
- I have nothing to complain about the seminar is very interesting and I wish I had more time to study astronomy.
- I would like learn more and more. All of the activities and tools are interesting and manipulative.
- None. Just the time.
- Short span of time in explaining the procedures of the activities
- None at all. The workshop is very interesting and informative.
- The amount of time allotted for the workshop seemed quite short
- I hope that the Stellarium app is free for everyone.
- None, I highly enjoyed the workshop and learned a lot from it.
- None, because all of the course were really interesting and will be very useful.
- I think, the materials must be given specified, when sending it to the participants so that they may able to prepare it beforehand.
- I think all the aspects of the workshop done successfully
- The topics could be include more astronomy topics other than constellation, such as the beginning of the universe and information about the galaxies and planets.
- Nothing in particular
- The connection of astronomy to culture.
- I believe the sessions were well handled so I can't see anything to criticize about.
- Workshops and culture on astronomy
- None so far.
- The gap between the activities and non participation of some participants.
- The use of the materials
- The NASE website is very useful however the layout could be enhanced in such a way that it will be more welcoming and attractive to users.
- Maybe the sample of the pictures on the PPT should be localized and specific to the country where workshops are being presented so that the participants will be more interested since they would be able to relate it on their own environment.
- Nothing, all of the topics and activities provided are superb

### What would you value more?

- All
- Workshops
- The different activities on how we can make astronomy learning more fun.
- The applications
- I value the learning materials and new ideas I can integrate in my science class
- The Workshops an observations
- The activities
- On how I can connect the tasks in the workshop to the experiences of the students in doing Astronomy.

- Just like the first workshop last November 2020, this workshop is also interesting and will assure that I will join on the next seminar of NASE.
- Workshops which was evident in the workshop seminar. It was very helpful
- I appreciate the models and demonstrations that I can use in my class.
- The models we made and the speakers. The information as well are all useful.
- The culture of astronomy and how the concepts in astronomy be applied with simple tools.
- Everything that was taught.
- It is my first time to attend astro culture.
- The demonstrators can be used in teaching Earth Science.
- The input knowledge that we can share among colleagues and students especially navigating the stellarium.
- The application
- Learnings and techniques gained from the sessions
- I value all the activities that will help me in my teaching pedagogy like the umbrella method, the stellarium, sundials and all of the activities prepared by the speakers (too many to mention) :)
- I value all the learnings from this workshop I will definitely teach these to my students especially the Stellar, Solar, Lunar Observations and Local horizon Sundials
- The lectures on Astronomy specifically the different heavenly bodies
- Interaction among the speakers and attendees
- Make the students realize the relevance of Astronomy to our daily lives as well as being part of our culture.
- It's very important to teach the Filipino students how to locate the constellations
- The ability to create instructional materials for astronomy
- I valued the different learnings and materials I made through this workshop.
- Hands-on activities
- Workshop activities and the learnings
- I think all of the course that was discussed including the workshops for making observation tools are equally valuable.
- Sundials and local horizons
- The workshop it self and the astronomical culture which could be use for teaching using localization and indigenization method....
- Use of the demonstrators
- I would value more the sharing of speakers expertise about the content and the workshop done because I find it very interesting and useful to my subject matter
- All the inputs from lectures to workshops are helpful to teach astronomy in our students.
- I would value more the contextualization of astronomy in Asia or in the Philippines particularly.
- The learnings I have earned in this workshop..there are lots of things that I came to my knowledge because of this webinar
- I value more the things I learned regarding the model making because I can use it in teaching earth science and astronomy.

- I value more about addressing misconceptions students and teachers usually commit. Being a non-major of the subject, some concepts can be confusing. The demonstrator indeed is a great tool in understanding important concepts. It is interesting to use models like them in studying astronomy.
- I value the activities and hands-on more.
- I valued everything especially the topics which are connected with our country
- The importance of materials in teaching Earth Science
- Workshop materials
- The instruction
- The outputs we did.
- All activities and workshops
- The learnings and workshops as well as the exchange of ideas
- I love the materials as well as the apps
- I value the learnings, skills enhanced, and opportunities that the workshops and lessons provided by NASE give to teachers and learners.
- All the activities are valuable, is its very useful in teaching astronomy and easy to follow
- I value more the experience I've got from this seminar workshop, especially the instructional materials. Those things will be helpful for me as a teacher to let my students have hands on activities for them to understand better the astronomical lessons.
- I value all of the activities prepared by the speakers, because all are usable in teaching astronomy in class
- The discussion was an excellent one, the speakers was all knowledgeable about the topic
- I would value all the learnings that I've learned in the workshop so that I can avoid misconceptions in teaching it to class

#### Other observations

- Details in the screen presentation via the use of camera
- The speakers are knowledgeable and very kind. Thank you very much and Congratulations, NASE!
- As a teacher who handles Astronomy club, this workshop is very helpful in our hands-on activities.
- Continue having more of these
- I have learned so much about new techniques and templates which I can use in my class when the time comes that Astronomy will be our subject focus.
- Showing how the models were done and how to use them are really a great way of teaching and learning. I appreciated it all. Hoping for more seminars with you.
- Thank you so much. I hope there will be for students too.
- The demonstrators are good way of teaching Earth Science.
- The instructors and speakers are very knowledgeable and approachable. very happy learning experience
- Daily application of astronomy

- The course was great and it will be very helpful if we'll be given a chance to record the sessions so that we can go back and have a review for the unclear things in our minds..
- Interested to join the NASE team :) no more observations
- Great! hope to have a workshop with you again!
- Webinar was an excellent venue for adult learning.
- All the activities are new to me. I enjoyed them. Kudos to all the speakers
- Activities are very interesting and are a new learning.
- This program is very good.. thank you!
- The speakers are very good in the topics taht they shared to us participants.
- How to become a member of IAU?
- Encountered some confusion of doing the sundial, but everything is good.
- Yes, the things I learned here are very important specially in my profession. I will look Forward to many oppotunities I can make use of the things I learned in this course and Inspire my students and other people to engage themselves in astronomy.
- I like the materials used during the workshop and I'm excited to share it to my co-teachers. Thank you for this kind of webinar.
- Maybe it will also be helpful if there are other activities that can be used in online class like the usage of Stellarium app.
- I have observed that the NASE website is very useful, especially the materials available, It can be however be improved especially the lay-out of the website for it to become more pleasing to users.
- Through this webinar I have learned how other countries applies astronomy in their culture. it was also through this that I have learned that some of our tribes have been relying to constellation for farming and fishing activities.In summary I have learned so much from this webinar
- The presentors are very good and very welcoming because all of them are very cheerful which I as participant become interesting more about the workshops. Besides the presentors made first the things we did in the workshop which is very helpful in understanding the topics. Thank you so much po. I'm sorry if I can't open my camera the whole session because of the low signal in my area. Hope to be with you again next time.
- I find the Stellarium difficult to navigate and use. Maybe it is just me and my slow laptop. I need more time to explore the Stellarium. But I am so amazed about how it can show lots of celestial bodies including the planets and all the constellations in our galaxy.
- I just simply have the appreciation for the sharing of knowledge and acquisition of new techniques. Thank you so much.
- All the topics were very helpful and interesting.
- I find the materials (demonstrators, horizon) very essential in teaching Earth Science
- The speakers are very accomodating and engaging the participants very well.
- Having connection problem is okay as this thing is unavoidable. I wanna thank all of you for this meaningful webinar. I really enjoyed it and learned a lot. Hope, you will also discuss something about artificial satellites and the life of an astronaut.



- very fun and easy to understand
- I do hope we could simulate it to some lesson planning
- None
- I would like to commend the last discussion as it focus on the culture here in the Philippines on astronomy and its application in the daily lives of people. It is very important to have those types of localized lectures about topics as it prevents the feeling of alienation among participants. Thank you for this opportunity. More powers!
- Group work or team collaboration for the participants may be added in the future workshop so that if this would be international workshop, the exchange of ideas and experiences from different participants within a group would be meaningful learning. Nonetheless, Kuddos Dr.Rosa and to all the organizers of NASE! Congratulations and thank you so much!
- Keep it up!
- I observed that some of the workshop is very useful not only in Junior hs but also in elementary.
- Congratulations to the everyone and Thank you NASE!
- At first, it was quite confusing how to construct and use those models.
- Thank
- All in all, this workshop is commendable.. thumbs up!
- The webinar was an excellent venue for adult learning of Astronomy.
- The workshop was Great! Thank you