

## Syllabus Reference

Course title	Optical/Infrared Astronomy Seminar II		
Term	通年（後期開始） 2nd - 1st		
Credit(s)	2		
The main day		The main period	
School/Program	School of Physical Sciences		
Department/Program	Department of Astronomical Science		
Category	Optical and Infrared Astronomy		
Lecturers	Masatoshi Imanishi		

## Instructor

## Full name

\* IMANISHI MASATOSHI

Outline	<p>It is important for graduate students not only to take various classes to increase their knowledge in general astronomy and physics, but also to understand basic issues and the latest progress in related research fields, by reading new papers, review articles, and textbooks with other staffs, post docs and graduate students. In this way, you can recognize the uniqueness and competitiveness of your own works.</p> <p>In this seminar (named EEE), it is requested for the third, fourth, and fifth year students to (1) attend and listen to other people's presentations which summarize the contents of new interesting papers in the research fields of galaxies, cosmology and active galactic nuclei (AGNs), and (2) give presentations by yourself once per six months. If these tasks are done, we will regard that you have completed the course of this special subject (galaxies, cosmology, and AGNs) and give a credit.</p>
Goal	<p>It is requested to (1) check and read new interesting papers, review articles, and textbooks in related research fields, (2) summarize the contents, give your own comments, and (3) make scientific discussion with other attendees to this seminar.</p> <p>The goals are to (1) identify what is unknown and what kind of researches are needed to resolve the unknown issues in the fields of galaxies, cosmology, and AGNs, (2) recognize and demonstrate the uniqueness and competitiveness of your own researches in the world, and (3) acquire fundamental ability to make researchers in other fields understand your own works.</p>
Grading system	
	Grading system
Grading system	02:Two-grade evaluation (P: Pass, F: Fail)
Grading policy	You must (1) give presentations at least twice per year, by summarizing the contents of selected papers, (2) attend more than 60% of the seminars, and (3) be involved in scientific discussion. Grade will be given as P (pass) or F (failure).
Lecture Plan	This seminar will be held weekly, for about 60 min long, from April to July and from September to March.
Location	NAOJ, Subaru building, 2F seminar room, or zoom connection
Language	English
Textbooks and references	Please refer to the following webpage. arXiv ( <a href="https://arxiv.org/archive/astro-ph/Astrophysics">https://arxiv.org/archive/astro-ph/Astrophysics</a> )
Related URL	<a href="https://arxiv.org/archive/astro-ph/Astrophysics">https://arxiv.org/archive/astro-ph/Astrophysics</a>
Explanatory note on above URL	Astrophysical preprint server

Others	Galaxies, cosmology, active galactic nuclei (AGNs)
Keyword	Galaxies, cosmology, active galactic nuclei (AGNs)

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