

Course code	90DASf0601		
Course title	Basic Seminar I A		
Term	前期 1st Half		
Credit(s)	2		
The main day			
The main period			
School/Program	School of Physical Sciences		
Department/Program	Department of Astronomical Science		
Category	Common		
Lecturers	Harada, Nanase		
Instructor			
<table border="1"> <tr> <td>Full name</td> </tr> <tr> <td>HARADA NANASE</td> </tr> </table>		Full name	HARADA NANASE
Full name			
HARADA NANASE			
Outline			
This class is designed to read a basic textbook in astronomy and give presentations in turn.			
Goal			
The objectives of this class is 1) to be able to learn from the basic textbook written in English, and 2) to be able to understand the basic principles of the transmission of light.			
Grading system			
01:Four-grade evaluation (A,B,C,D)			
Grading policy			
Evaluation is based on the presentation and participation to the discussion. In the case of absence, a valid reason should be given.			
Lecture Plan			
Lectures will be given by students in turn. This class will cover following subjects (subject to change): - Fundamentals of radiative transfer - Basics of radiation fields - Emission from moving charges - Relativistic covariance and kinematics - Bremsstrahlung etc.			

Location

zoom

Language

Japanese

Textbooks and references

Textbook: : Radiative Processes in Astrophysics by George B. Rybicki, Alan P. Lightman

ISBN-10 : 0471827592

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