Language 영어(English)

Course Basic Information

Close

Year	2023	Term	2nd Semester	Course Code	ELEC0931-001	Course Title	Power Conversion Circuits
Credits	3-3-0	Department	Graduate School School of Electronic and Electrical Engineering	Course Categories	Major	Classroom Language	English
Instructor	최병조	Class Time	Tue. 7A,7B,8A Thu. 7A,7B,8A	Classroom	IT대학1호관(공대10호관) 916		
Office& Office Hours	Can be arranged upon request						
Talent Model of department							
Educational objective of department	Fostering creative Glocal Leaders capable of directing future innovations of IT engineering and associate industries						

General Information | Core Competencies | Evaluation Methods | Support Available for Disabled Students | Course Content and Schedule | Course Evaluation

General Information

* Course Outline (252/18000byte)	The course will cover the circuit analysis and operations of non-isolated and isolated PWM converters. Emphases will be equally placed on the operational principles, circuit analyses, and computer-aided simulations of the various PWM power converters.
* Prerequisites (51/1000byte)	Electronics, Circuit theory, Linear control systems
Recommended Subsequent * Course (39/1000byte)	Modeling and Dynamics of PWM Converters

Textbook & Other * References

Search Input

No	* Book Name	* Author	* Publishing Office	* Publishing Year	* ISBN	* Book Section

조회된 데이터가 없습니다.

Directly Input

(113/18000byte)

Text : Byungcho Choi and Syam Pidaparthy, Circuits and Operation of PWM Converters, First Ed, 가디언북, 2022.

Notice to * Students (96/18000byte)	Lectures will mainly be performed using lecture notes on Tablet PC with occasional exceptions.