



دانشگاه صنعتی امیرکبیر
(پلی تکنیک تهران)

پست الکترونیک:
ashari@aut.ac.ir

شماره تماس:







:(Scopus) h-index
:ارجاعات (Scopus)



دکتر نگار اشعری آستانی

استادیار
دانشکده فیزیک و مهندسی انرژی
گروه آموزشی فیزیک کاربردی

دروس ارائه شده

#	عنوان درس	توصیف درس	دوره سرفصل درسی ها
1	Density Function Theory and Its Applications	Density Functional Theory	 Spring 2022
2	Numerical Modeling and Simulation in Condensed Matter Physics	Numerical modeling and simulation in condensed matter	 Spring 2022
3	Novel Energies	Introduction to non-fossil energies	 Fall 2021
4	Quantum Computation Quantum Information	Introduction to quantum computation and quantum information	 Fall 2021
5	Quantum Mechanics (II)	Applications of quantum mechanics- Very first efforts for solving the Schrodinger equation	 Spring 2021
6	Quantum Mechanics (II)	Identical particles, Perturbation theory (Time dependent and time independent), Scattering, Approximate methods, Intro. to quantum field theory	 Fall 2020

7 Quantum
Mechanics (I)

Introduction to quantum mechanical framework: Limits of classical mechanics, probabilistic nature of quantum mechanics, Forming the mathematical framework of quantum mechanics: Dirac notation, Hilbert space, Concept of the wave function, uncertainty



Fall
2020