



**Isfahan University of Technology
College of Agriculture
Department of Food Science**

Course name: **Advanced Food Packaging (PhD program).**
Prerequisite: Food Packaging, Principles of Food Preservation
Lecturer: Dr. Mahdi Kadivar
Class/Time: Sundays: 10:00-12:00, Classroom no. 8
Troubleshooting hours: Mondays: 8-10.

Reference book: Robertson, G. H. 2006. Food Packaging, Taylor & Francis, ERC

Theory:

A glance on historical features, materials (metals, glass, polymers, paper and cardboard) used for food packaging, food/packaging interactions, retention of food ingredients in polymers, migration of toxicant, flavors, and odor active substances from flexible packaging material to food, effect of novel food processing methods on bio-packages structure, composition potential, development of food packages from natural resources, biodegradability of bio-packages and mechanism

Assessments (scores):

Midterm: 5

Assinement: 5

Final: 10.