**GENERAL INFORMATION**

Course Name: Economics of Innovation  
Number of credits: 2  
Name(s) of Teacher(s): Giovanni Pegoretti  
Modules (if applicable):  
Semester: I  
Venue: UNITN  
Website: 

**CONTENTS**

Objectives: The course aims at providing students with the concepts and skills needed to appreciate the role of innovation as a driver of economic dynamics at different levels of aggregation, i.e. firms, industries, and the overall economic system.

Contents (<1,000 characters): The course is divided into two parts. In the first part the following topics will be discussed: 
- Concepts and facts on innovation; 
- Economic growth: the role of innovation; 
- Market structure and innovation; 
- Industry dynamics and technological innovation; 
- Selection mechanisms; 
- Diffusion processes. 

The second part will focus on network effects, and the role of standards in the industrial competition. The evolution of the computer industry will be taken as an example of the complex relationships among technological advancements, firms' strategies, consumer behavior, economic and institutional environment, and policies.

Prerequisites:  
Required: Basic courses in Microeconomics and Math  
Recommended: 

Teaching approach:  
- Lecture hours: 12  
- Labs hours:  
- Other: 

Exams:  
The final grade will depend on the following components:  
- 50% written exam  
- 50% presentations of selected topics by students 

**TEACHERS**

Short Bio 1:  
Giovanni Pegoretti is Professor of Economics in the Department of Economics and Management, University of Trento. His present research interests concern the evolutionary mechanisms as a key to understand the development of the economic system, the role of technological and social innovation, and the diffusion processes.  
His recent publications:  