INFORMATION SYSTEMS GOVERNANCE

Information Systems Governance

2016 (1ˢᵗ Edition)

Course Coordinators:
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In partnership with the *INFORMATION SYSTEMS GOVERNANCE EUROPEAN CLUB*

Context:

Information Systems (IS) are fundamental for the support of operational, tactical, and strategic activities, as well as Competitiveness, Sustainability and Organisational Development, and therefore top-management should not ignore or underestimate the impacts in these areas, neither the objectives of for-profit and non-profit organisations.

It should be added that organisations nowadays (increasingly IBOs) face a wide range of external threats via their IS (which are increasingly protected by sophisticated Information and Communication Technologies), which include fraud, cybercrime, errors and omissions.

In this way, IS have not only become a success factor for organizations' day-to-day operations, but are also a crucial element (critical) for the achievement and improvement of their competitive advantages and for the creation of business value.

At the same time, the growing complexity and scope of IS has led to the need for large and repeated investments, which are imperative in order to GOVERN, in the light of the same concerns and technical rigor that are required for the other economic resources used in organisations, namely by making it clear what are the relative aggregate economic and financial costs of equipment and logical solutions, as well as that of IT systems. Equally important are The Total Cost of the Information System, as well as information regarding revenue, benefits obtained, and the performance achieved with the use of modern IS.

If the increasingly-common operational and systemic risks facing organisations nowadays are added to this factor, this easily explains the inexorable need for an effective and efficient approach to Governing these new environments.

Thus this course explores and describes some of these key approaches, concepts, methodologies, and best practices, and resorts to real case studies, focussing on those that have most contributed to a demanding, rigorous and deliberate GOVERNANCE of IS, by inextricably integrating IS with the strategy of organisations.

Objectives:

1. To raise the awareness among the senior management in business and public administration of the critical importance of Information Systems for the competitiveness and sustainability of organizations;

2. Identify and describe the pertinent issues involved and propose the implementation of IS Governance solutions which are aimed for the economic rationalisation of Information Systems resources and their effective and efficient utilization by the organization.

Target Market:

Members of the board of directors of well-known companies (medium and large) and managing directors of companies and public administration, and also senior managers of large organisations.

The total number of participants cannot be more than 20.

Programme, Professors and Teaching Hours:

Subject name	Professor	Hours
The object and content of Corporate Governance	Pedro Rebelo de Sousa (IPCG)	2.5
Corporate Governance: Ethics, self-regulation and independence	IPCG (*)	2.5
The legal implications of Corporate Governance	CMVM (*)	5
Strategy, Business, and Resources	Vítor Conceição Gonçalves	5
Information Systems information and governance	Almiro de Oliveira	5
IS design and urbanism	Pedro Anunciação	5
COBIT and ITIL	Mário Romão	5
Enterprise Governance of IT	Steven De Haes	5
Cybersecurity and Information Systems Governance	GNS/CNCSeg (*)	5
Performance and Management Control for IS	Christophe Legrenzi	5
ICT Trends: Big Data, Cloud, IoT and IoE	Mário Campolargo	5
Privacy and Confidentiality of Information	CNPD (*)	5
Benefits Management of IS projects	Mário Caldeira	5
Information Systems Policies and Investments	Almiro de Oliveira	5
TOTAL		**65**

(*) – to be named by the entity responsible

Assessment:

An Individual Assignment will be carried out (ITP - Project), to be submitted up to 3 months after finishing the lecture-based part of the course (Semester); the **Final Grade (FG)** will be calculated based on the following formula: FG = 0.8 ITP + 0.2 IA, where ITP is the grade assigned to the individual assignment, and IA is the assessment of the individual development of the participant/student; two or more absences from lectures results in the deduction of 1 point from the FG.

An Attendance Certificate and a Final Garden Diploma will be issued.

Application and Price:

Price: €4,000.

Timetable:

The 1st Edition of the course takes place in 2016. Lectures are held on Wednesdays, from 14.00 to 19.00, preceded by lunch from 12.30 onwards.