

MIS 207 Linux Fundamentals (3-3-4)      CRN 11812

Introduces the fundamental concepts of Linux operating systems. Topics include components and functions of an operating system, installing and configuring Linux operating systems, file systems, permissions, process and thread management, commands, utilities, text editing, shell programming and text processing utilities.

Prerequisite(s): MIS 145 with a "C" or better.

Instructor: Dan Carrere

MIS 307 Cloud Computing (3-3-4)      CRN 11813

Introduces the technologies and services that enable cloud computing, different types of cloud computing services (SaaS, PaaS, and IaaS), deployment models (Public, Private, and Hybrid) and the security and legal issues associated with cloud computing.

Prerequisite(s): MIS 251 with a "C" or better, and MIS 273 with a "C" or better.

Instructor: Dan Carrere

MIS 307 Hacker Tools and Techniques (3-3-4)      CRN 11815

Introduces how “hackers” operate and the tools, techniques and practices they use to gain unauthorized access to systems, and how to best protect and defend systems from these same types of attack. Students will learn how to conduct basic security testing or “ethical hacking” to identify potential weaknesses in an organization’s network and computer systems. Students will also learn how to prepare a formal written report of their findings for management.

Prerequisite(s): Instructor Permission

Instructor: Kris Rosenberg

MIS 407 IT Service Management (3-0-3)      CRN 11814

Introduces the key concepts of IT Service Management (ITSM), using the Information Technology Infrastructure Library (ITIL) framework. Examines the core processes in delivering IT services to organizations of different sizes. Focus on the IT service lifecycle (service strategy, service design, service transition, service operation, and continual service improvement). Best practices for capacity planning, vendor, asset, configuration, change, release, incident and knowledge management are explored in detail.

Prerequisite(s): MGT 335 with a "C" or better, and MIS 311 with a "C" or better.

Instructor: Kris Rosenberg

MIS 407 Managing Risk in Information Systems (3-0-3)      CRN 11816

Focus on the risk assessment and analysis processes as they are applied to information systems. . Details of how confidentiality, integrity and availability are maintained in an organization's complex information systems are explored. Topics covered include quantitative and qualitative risk analysis, risk mitigation / transference / acceptance, disaster recovery and business continuity planning.

Prerequisite(s): MIS 206 or MIS 311 with a "C" or better.

Instructor: Kris Rosenberg

