

TTM 4128 Service and Resource Management 2010 – Syllabus (preliminary)

Course main contents

A) General

A.1. Introduction and Course overview

A.2. Standards and Models

B) Language foundations

B.1 ASN.1

B.2.WEB technologies

C) SNMP

C.1 SNMPv1

C.2 SNMPv2

C.3 SNMPv3

D) WEB-based Management

E) Autonomic Communication

The syllabus of this course is based on: textbook, selected articles and lecture presentations. The textbook covers part A.1, A.2, B1, C and D as shown in the Table below. The syllabus also includes all the presentations (including all the foil sets and other materials available on the lecture schedule, e.g. RFCs) and assignments/answers given during the semester.

Text Book

- Network Management – principles and practice, Mani Subramanian, Addison-Wesley 2000, ISBN 0-201-35742-9

<i>Content</i>	<i>Pages</i>	<i>Topic</i>
Chapter 1: 1.1 – 1.11	P3 – P49	A.1
Chapter 2: 2.1 – 2.3	P55 – P87	A.1
Chapter 3: 3.1 – 3.5	P103 – P117	A.2
Chapter 3: 3.9	P135 – P136	A.2
Chapter 3: 3.6 – 3.8	P117 – P135	B.1
Chapter 4: 4.1 – 4.7	P143 – P198	C.1
Chapter 5: 5.1 – 5.2	P203 – P225	C.1
Chapter 6: All sections except Table part of 6.3.5	P229 – P242 P247 – P280	C.2
Chapter 7: All sections	P283 – P317	C.3
Chapter 14: All sections	P557 – 578	D