

Project Progress Report Grades (COE-444, Term 122)	Max
	100
<b>Traffic Analysis</b>	<b>20</b>
Services and applications (All, VoIP, Videoconferencing, specialized applications, Oracle DB, file, print, mail, calendar, web, IT, etc.)	7
Traffic per type of users (Chemical engineers, Petroleum engineers, Sales, IT, HR, etc.)	4
Account for additional traffic	3
Uplink traffic (aggregated) - Intranet (external & internal), and Internet	6
<b>Recommendations included</b>	<b>15</b>
IP addressing and naming (including laptops, DHCP, DNS)	5
Servers placement (Centralized, Web, specialized applications, etc.)	4
Routing protocols	2
Design alternatives	2
Management strategies (Efficient, easy management of services)	2
<b>Topology</b>	<b>20</b>
Enterprise network design	8
Building design	7
Floor design	5
<b>Requirements analysis results</b>	<b>40</b>
Accessibility (by all, fast, easy, info sharing, remote branches, VoIP, Videoconf, Services, Internet, DB, etc.)	2
Logical isolation (VLAN, flexibility)/Network Segmentation (Departments)	4
Security (VPN, DMZ, Authentication, ACL, firewall, laptops, Rational, Intranet, higher on Internet)	4
Reliability, availability, and redundancy (More on backbone, remote branches connections)	4
Future upgrade & Scalability (Capacity, Internet, new applications and services, new buildings, etc.)	4
Storage and Disaster Recovery	3
Mobility (Marketing and Salespeople's laptops, Access to resources, Security)	3
Wireless (Laptops, PDAs, Access to resources, Security)	3
Videoconferencing Support	3
VoIP Support	3
WAN (Intranet, Internet, Availability)	3
Choice of appropriate devices (Compatibility)	2
Open (non-proprietary) standards	2
<b>Overall document organization</b>	<b>5</b>
<b>Bonus</b>	<b>0</b>