Project Progress Report Grades (COE-444/COE-546/CSE-550, Term 132)	Max
	100
Logical design	**100**
Traffic Analysis	20
Services and applications (All, VoIP, Videoconferencing, specialized applications, Oracle DB, file, print, mail, calendar, web, IT, etc.)	7
Traffic per type of users (Computer engineers, Computer scientists, Sales, IT, HR, etc.)	4
Account for additional traffic	3
Uplink traffic (aggregated) - Intranet (external & internal), and Internet	6
Recommendations included	20
IP addressing and naming (including laptops, DHCP, DNS)	6
Servers placement (Centralized, Web, specialized applications, etc.)	5
Routing protocols	3
Design alternatives	3
Management strategies (Efficient, easy management of services)	3
Topology	20
Enterprise network design	8
Building design	7
Floor design	5
Requirements analysis results	40
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
Physical Design	**34**
Market survey	6
Evaluation criteria	6
Information about devices (switches, cabinets & patch panels, etc)	6
Price of devices (switches, cabinets & patch panels, etc)	5
Information about services (e.g., leased lines)	4
Price of services (e.g., leased lines)	3
Budget	4
Feasibility and Assessment	**8**
Feasibility of Implementation	4
Assessment and Evaluation	2
Task assignment	2
Overall organization	**8**
Outline (Table of contents)	1
Executive summary	2
Summary/Conclusion	1
References/Appendix	1
Language & General document organization	3
Bonus	**0**

Logical design	50%
Physical Design	34%
Feasibility and Assessment	8%
Overall Organization	8%