**5 Major Phases**

Plan

Analysis

Design

Implementation

Deployment/Maintenance/Support

**Plan**

SWOT

Business Case – 9 questions to be answered accordingly

System Project - reasons

-Formal System request to I.T Department – originate – evaluate

Feasibility study – econo – operational – technical – schedule – evaluate

Setting Priorities – 7 questions to answer ( factors ) – discre./nondiscre.

-Preliminary Investigation – conduct? P.58 fig 2-13

Gantt Charts

PERT/CPM Charts

Identify Tasks in those charts

Monitor

Report

Risk Management

Manage for success

**Analysis**

-Requirements Modelling

-Data and Process Modelling

-Object Modelling P.179

-Development Strategies P.201

Functional Decomposition Diagrams FDD

Business Process Modelling

Data Flow Diagrams

Unified Modeling Langauge

Systems Req.s Checklist

Future Growth, Costs and benefits

Fact Finding – 10 questions to answer P.119 – 5 w. questions – how – inverviews – surverys – doc.rev – observations – questionnaires – brainstorming – sampling – research

Data Dictionary

DOCUMENTATION – need – tools

Information Management Software IMF – personal.d.m – proj.d.m

Process Description Tools

Models – Sequence models – four-model approach

Analyze costs-benefits – checklist

**Design**

-User Inteface – whole chapter

Prototyping – system – design

-Data Design – whole chapter

-Architecture – whole chapter – checklist

**Implementation**

Whole chapter

**Support and Security**

Whole chapter

---reference tools a b c d