

WELCOME !

Distributor Information and Control Systems

IDIS 344 Spring 2013



And we are...



Akshay Shiralikar

Email : akshay.shiralikar@ncsu.tamu.edu

Lab Hours:

Section 501

- Friday 8:00 a.m to 9:50 a.m

Section 502

- Monday 5:00 p.m to 6:50 p.m

Section 503

- Friday 8:00 a.m to 9:50 a.m

Section 504

- Monday 5:00 p.m to 6:50 p.m

Office Hours:

Monday 12 to 2 p.m. Ferriss 302



Lab Ethics



- Please be on time ; DO NOT miss labs.
- Internet browsing / Email not allowed during lab hours, unless it pertains to the lab.
- Please keep your cell phone switched off during lab hour as it may cause disturbance in the class.
- Printing is not allowed, unless required for lab exercises.

Make-up Lab

- An Authorized University Excuse is **required** for missing the scheduled lab.
- Except in the case of an emergency, schedule a makeup lab **before** you miss the lab.
- Please schedule any other make up labs within one week of the missed lab. After that no makeup lab will be allowed.
- Only 2 make-up labs will be allowed.
- **You can not take the lab exam if you have missed more than 2 labs.**

Scholastic Dishonesty

- See <http://student-rules.tamu.edu> and lab syllabus.
- Punishment can range from a zero on the lab assignment to expulsion from the university.
- In any case of scholastic dishonesty, the student forfeits their right to Q-drop the class.

Lab Videos

- Please go through the lab videos before each lab class
- Lectures won't be discussed during the lab hours
- Videos range from 10 minutes to 30 minutes for each lab
- Before every lab, there will be a pre-lab quiz based on the concepts discussed in the lecture video

Assignment Submission

- Assignments have to be submitted in PDF or Excel formats depending on the lab
- Assignments which are not in PDF/Excel format will not be graded
- The options to convert document files in to PDF is discussed in the lab syllabus

Objectives



- To provide hands on experience with IT tools used in Supply Chains
 - Customer Relationship Management,
 - Distribution Resource Planning
 - Manufacturing Resource Planning
 - Warehouse Management.
- To demonstrate connectivity among the software components to aid cost effective decision-making.
- To model, simulate, and analyze real world supply chain problems through case studies and projects.



Labs @ IDIS344



- There'll be a total of 11 labs
 - Total lab : 100 points
 - Simflex Case Assignment: 40 points
 - Final Lab exam : 60 points
- Lab assignments are due at the **BEGINNING** of the next lab.
 - TA may apply penalty, or refuse to accept late assignments.
- Lab Exam :April 26th 2012, Sections 501 &503
April 29th 2012, Sections 502 &504

BUZZWORDS...!



Strategies/Tools You'll learn

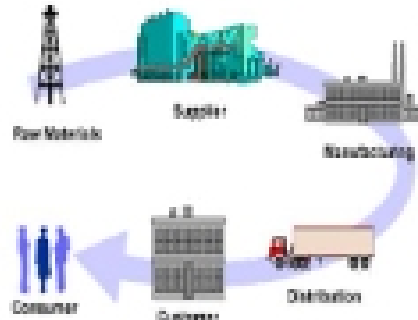


- Customer Relationship Management (CRM) TDF
- Distribution Resource Planning (DRP) *
- Warehouse Management system (WMS) *
- Manufacturing Resource Planning *
- Humanitarian Supply Chain Aldrusik
- Supply Chain Planning Simflex, Microsoft Nav
- ABC Inventory Analysis Excel, Access
- Forecasting Excel (PivotTable & Solver)
- Transportation & Logistics Mapoint
- Project Management MS Project

Ever wondered how a company gets the product you require?

The Answer – Supply chain

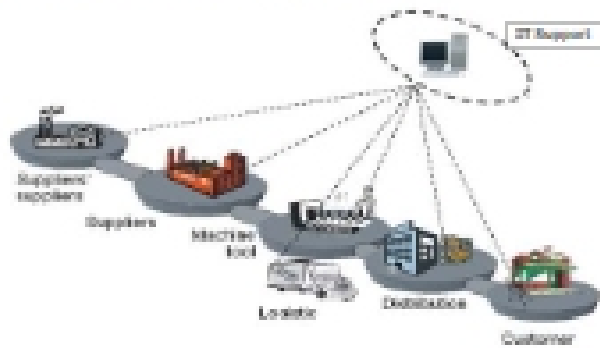
- A **supply chain** consists of all parties involved, directly or indirectly, in fulfilling a customer request



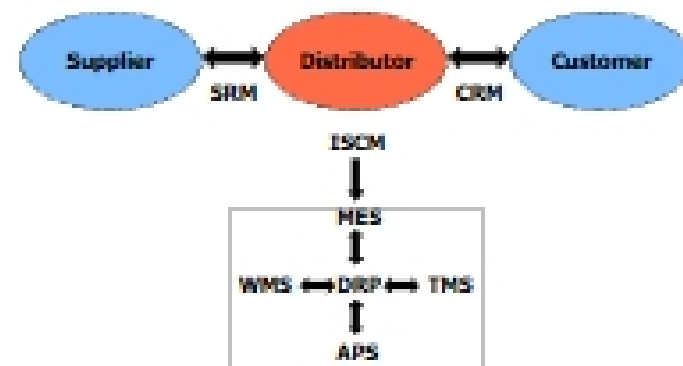
Supply chain can also be global



How do I control a supply chain?



Different parts of a supply chain



What is ERP?

- ERP** stands for enterprise resource planning
- ERP systems provide the transactional tracking and global visibility of information from any part of a company and its supply chain that allows intelligent decisions to be made.



What is CRM?

- CRM** stands for Customer relationship management
- CRM processes focus on the interface between the firm and its customers.
- Gives timely and accurate customer information and ensures streamlined communication between employees and suppliers

