PROCEDURAL SEQUENCE FOR ACADEMIC SENATE APPROVAL OF PROPOSALS

1. Submit all proposals to the Office of Academic Affairs.
2. The Senate President will log items and forward them to the appropriate Senate subcommittees.
3. The Senate subcommittee will send the proposal to the Senate.
4. Senate proposals will be considered by the Full Faculty.
5. If approved, the proposal will then be forwarded to the Provost/Senior Vice Chancellor.

Proposals that require action to approve/disapprove/table or remand will be sent back to the Senate according to the monthly meeting schedule.

TITLE: IT 120 IT 130

SUBCOMMITTEE: Curriculum **PROPOSAL #:** 00-26

PROPOSAL:

FOR INFORMATION PURPOSES:

Courses were approved for the Industrial Technology B.S. degree but the course forms were inadvertently not included as part of the paperwork.

Action Signatures:

1 Feb 2001 — Submitter — Date

2-2-01 — College Chair/Dean — Date

Thomas Welch — Committee Chair — Approve ✓ Disapprove ____ Date 2/06/01

L. Munson — ~~Committee Chair~~ Academic Senate — Approve ✓ Disapprove ____ Date ____

Laurence E. Munson — Faculty Senate President — Approve ✓ Disapprove ____ Date 2-27-01

Joan Baron — Provost/Senior Vice Chancellor for Academic Affairs — Approve ✓ Disapprove ____ Date 2/28/01

Revised: 11/15/99

Chancellor — approve ✓ Disapprove ____

Date ____

SEMESTER COURSE FORM

Department:	College of Technical Sciences
Program Area:	Industrial Technology
Date:	January 2001
Course Pref. & Title:	IT 120 Communications Technology
Credits:	3 (sem)
Required By:	Industrial Technology Bachelor of Science with Minor Option Industrial Technology Bachelor of Science with Education Option
Lecture:	
Lecture/lab:	X
Contact Hrs. Lecture	2
Contact Hrs. Lab:	2

Catalog Course Description (include prerequisites:

This course will familiarize students with the educational requirements, talents, and responsibilities for careers related technology. An overview of program planning, employment trends, technical developments, license requirements and future trends in the various programs is provided. Special emphasis is given to the communication of technical information. Students will demonstrate subject competencies through both individual and group activities. Topics covered also include ethical and environmental issues related to technology.

Course Objectives:

During this course you will:

1. Become familiar with the role of the career opportunities in the industrial and engineering technology fields and the requirements for professional licensure.
2. Understand the principles involved in professionalism and professional ethics.
3. Develop academic success strategies.
4. Develop methods of solving technical problems.
5. Develop techniques for presenting technical information.
6. Demonstrate skill in using the fundamental units used in English and metric measurement systems.
7. Solve problems involving estimating, computer solutions, and statistics.
8. Explain the principles of total quality management.
9. Use the Internet and college resources to research assigned topics.
10. Give oral and written reports and technical presentations.
11. Become familiar with recent developments in technology.

New and/or Additional Equipment Required:

New and/or Additional Library Resources Required:

Special Facility Needs Required: (laboratory space, specialized labs, rooms to facilitate large groups, computer labs):

SEMESTER COURSE FORM

Department:	College of Technical Sciences
Program Area:	Industrial Technology
Date:	January 2001
Course Pref. & Title:	IT 130 Construction Technology
Credits:	3 (sem)
Required By:	Industrial Technology Bachelor of Science with Minor Option Industrial Technology Bachelor of Science with Education Option
Lecture:	
Lecture/lab:	X
Contact Hrs. Lecture	2
Contact Hrs. Lab:	2

Catalog Course Description (include prerequisites:

This course provides a study of contemporary principles and practices used in the construction industry with emphasis on the techniques used for interior and exterior building construction. Civil construction is also covered. Activities may include construction of a scale model or a community construction project.

Course Objectives:

On completion of this course the student will have demonstrated

1. Knowledge of current building materials.
2. Familiarity with general safety rules.
3. Knowledge of plans, specifications and codes.
4. The ability to properly use hand and power tools
5. Knowledge for foundations, footings, and framing.
6. Familiarity with selected finishing techniques.
7. Knowledge of special construction techniques.
8. Knowledge of remodeling, renovating and repairing techniques.

New and/or Additional Equipment Required:

New and/or Additional Library Resources Required:

Special Facility Needs Required: (laboratory space, specialized labs, rooms to facilitate large groups, computer labs):