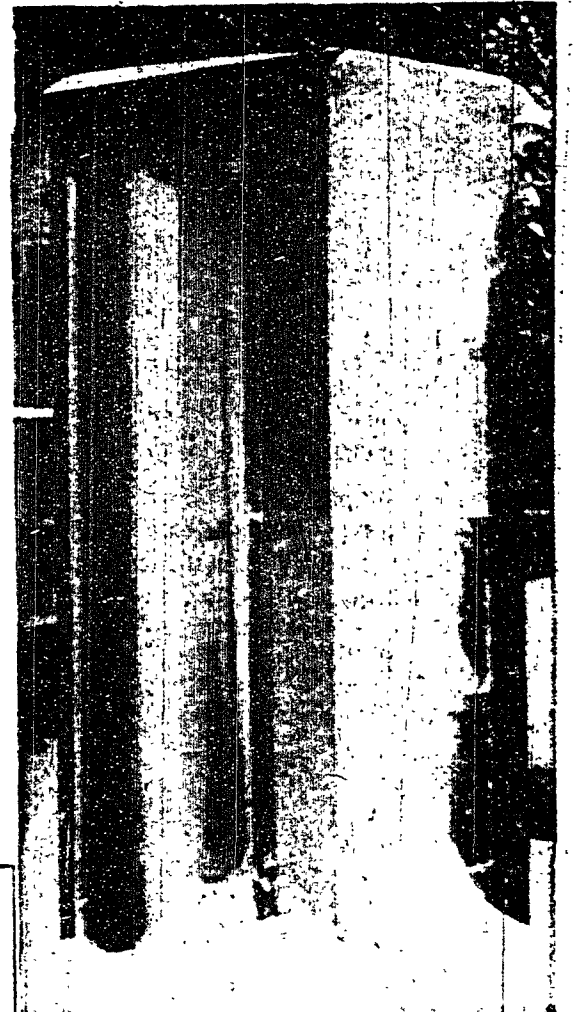




Clinging Snow Creates A Winter Wonderland

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Collegian Photos
by
John Beauge



Telephone Igloo



An Umbrella Doesn't Do Much Good In The Driving Snow



This Bench Won't Be Used For A While

Spring Term Books Listed

(Continued from page three)

- E Mch 11—Mechanics, Part I—Statistics, (2nd ed.), Meriam; Wiley
- E Mch 12—Mechanics, Part II—Dynamics, (2nd ed.), Meriam; Wiley
- E Mch 13—Strength of Materials, (2nd ed.), Marin; MacMillan
- E Mch 14—Mechanical Behavior of Engineering Materials, (2nd ed.), Marin; Prentice and Laboratory Manual for Mechanical Properties, Vierck
- E Mch 113—Strength of Materials, (Part I), Timoshenko, Van Nostrand
- E Mch 213—Strength of Materials, (2nd ed.), Marin; MacMillan and Mechanical of Engineering Materials, (2nd ed.), Marin; Prentice
- E Mch 214—Solid State Physics (1958), Decker; Prentice
- E Mch 481—Mechanical Vibrations, Merrill
- E Mch 482—Engineering Materials Science, (1951); Richards; Wadsworth
- E Mch 487—Relaxation Methods, Allen; McGraw
- E Mch 489—Intro. to Advanced Dynamics, McCuskey; Addison
- E Mch 586—Handbook of Experimental Stress Analysis, Hetenyi; Wiley
- E Mch 536—Mechanical Behavior of Engineering Materials, (2nd ed.), Marin; Prentice
- E Mch 531A—Theory of Plasticity of Perfectly Plastic Solids, Prager; Wiley
- E Sc 81—The Mathematics of Physics and Chemistry, Margenau; Van Nostrand
- Engr 2—Engineering Orientation
- Engr 431—A Guide to Petran Programming, McCracken; Wiley
- I E 112—Basic Principles of Foundry & Welding, Knepp; "A" Store
- I E 114, 131—Manufacturing Processes & Materials for Engineers, Doyle, et al; Prentice and Manufacturing Processes Lab. Man., Industrial Engineering Shop Staff; "A" Store
- I E 124—Intro. to Foundry Technology, Ekey; McGraw and Manufacturing Processes Lab. Man.
- I E 140—Principles of Manufacturing Materials & Processes, Campbell; McGraw and Manufacturing Processes Lab. Man.
- I E 301, 327—Laboratory Man. for Motion & Time Study, Niebel; Irwin and Motion and Time Study Text, Niebel; Irwin
- I E 315—Organization for Production, Roscoe; Irwin
- I E 322—Intro. to Probability & Statistics, Lindgren; MacMillan
- I E 323—Production Control, Varia; Irwin
- I E 328—Tool Design, Donaldson; McGraw
- I E 334—Personnel Management, Jucius; Irwin
- I E 337—Production Management, Mayer; McGraw
- I E 488—Designing for Production, Baldwin; Irwin
- I E 482—Project Economy, Roscoe; Irwin
- I E 484—Elements of Managerial Action, Jucius; Irwin
- I E 425—Statistical Quality Control, Grant; McGraw
- I E 425—Mathematical Methods of Operation Research, Satty; McGraw
- I E 425—Principles of Metal Casting, Heine, Rosenthal; McGraw
- I A 344—Foundry Work, Doe; Wiley and Foundry Instructor's Guide, Committee; Am. Foundrymen's Soc.
- I A 341—Contemporary Metal Home Furnishings, Lux; McKnight
- I A 342—Operation of Modern Woodworking Machinery, Hjorth; Broce
- M E 22—Mechanical Engineering Thermodynamics, Mooney; Prentice and Thermodynamic Properties of Steam, Keenan; Wiley
- M E 23—The Dynamics & Thermodynamics

- of Compressible Fluid Flow—Part I and 2 from Vol. I (1958), Shapiro; Ronald Press and Engineering Applications of Fluid Mechanics (1947), Hunsaker; McGraw
- M E 41—Elements of Heat Transfer, (3rd ed.), Jakob; Wiley
- M E 44—Kinematic Analysis of Mechanisms, Shigley; McGraw
- M E 51—Machine Design, Shigley; McGraw
- M E 54—Mechanical Vibrations, (2nd ed.), Thomson; Prentice
- M E 81—Mechanical Engineering Laboratory Practice, Ambrosius; Ronald Press
- M E 102—Thermodynamic Properties of Steam, Keenan; Wiley and Intro. to Thermodynamics & Heat Transfer, Mooney; Prentice
- M E 112—Mechanical Engineering Lab. Practice, Ambrosius; Ronald Press and Thermal Engineering, Dillo; International
- M E 113—Elements of Internal-Combustion Engines, Rogowski; McGraw and Gas Turbine Power, (2nd ed.), Dushinberre; International
- M E 403—Rocket Propulsion Elements, (2nd ed.), Sutton; Wiley
- M E 410—Power Plants, (2nd ed.), Zerban; International
- M E 412—Principles of Heat Transfer, (2nd printing), Kreith; International
- M E 418—Principles of Turbomachinery, Shepherd; MacMillan
- M E 452—Theory and Practice of Lubrication for Engineers, Fuller; Wiley
- M E 455—Principles of Servomechanisms, Brown; Wiley
- M E 457—Kinematics and Linkage Design, Hall; Prentice

NOTE: No new text is required for the following courses: M E 56, M E 82, M E 83, M E 84, M E 401, M E 451. In some cases, books are required from prerequisite courses.

Nuc E 411—The Elements of Nuclear Reactor Theory, Glasstone; Van Nostrand

Nuc E 501—Nuclear Engineering, Bonilla; McGraw

Nuc E 505—Control of Nuclear Reactors & Power Plants, Schultz; McGraw

CHEMISTRY

- Astro 90—Astro (5th ed.), Duncan, Harper
- Astro 291—Astro (7th ed.), Baker, van Nostrand
- Chem 3—Essentials of Chem (2nd ed.), Garrett, Glin
- Chem 12, 13—Chem (2nd ed.), Sienke, McGraw, and College Chem. in Lab., Malm, Freeman; and Gen Chem Workbook, Pierce, Freeman
- Chem 23—Quant Anal (4th ed.), Pierce, Wiley
- Chem 31—Organic Chem, Morrison, Allyn
- Chem 28—Nuclear & Radio Chem (2nd ed.), Friedlander, Wiley
- Chem 410—Inorg. Rept. & Struct., Gould, Holt
- Chem 426—Chem Instrumentation, Strabel, Addison
- Chem 453—Physical Chem (2nd ed.), Daniels, Wiley
- Chem 455—Text of Polymer Chem (1961), Billmeyer, Interscience
- Chem 458—Experimental Phys. Chem., Daniels, McGraw
- Chem 472—Quant. Org. Micro. Anal. (2nd ed.), Steyermark, Academic
- Chem 477—Kodak Ref. Handbook, Kodak
- Chem 536—Mech. & Struct. in Org. Chem., Gould, Holt
- Chem 546—Quantum Chem., Kauzmann, Academic

CHEMICAL ENGINEERING

- Ch. Eng 405—Chem. Eng. Thermodynamics, Smith, McGraw
- Ch. Eng. 404—Plant Design and Econ. for Chem. Eng., Peters, McGraw
- Ch. Eng—412—Unit Operations of Chem. Eng., McCabe, McGraw; and Properties of Steam, Keenan, Wiley
- Ch. Eng 460—Intro. to Chem. Eng., Badger, McGraw
- Ch. Eng 545—Applied Math in Chem. Eng. (2nd ed.), Sherwood, McGraw
- Ch. Eng 525—Reaction Kinetics for Chem. Eng., Walas, McGraw

PHYSICAL SCIENCE

- Ph Sci 8—Matter, Earth & Sky (1958), Gamow, Prentice

PHYSICS

- Physics 201—University Physics I, Sears, Addison
- Physics 202—University Physics II, Sears, Addison
- Physics 204—University Physics I and II, Sears, Addison
- Physics 201, 202, 204—Experimental College Physics, White, McGraw
- Physics 237—Intro. of Mod. Physics, Blanchard, Prentice
- Physics 240—Introductory Physics, Priestley, Allyn
- Physics 406—Intro. Nuclear Physics, Hallday, Wiley
- Physics 412—Solid State Physics, Dekker, Prentice
- Physics 420—Thermodynamics, Kinetic Theory and Stat. Mechanics, Sears, Addison
- Physics 461—Physical Mech. (3rd ed.), Linday, Van Nostrand
- Physics 520—Classic Mech., Goldstein, Addison
- Physics 557—Classical Electricity and Magnetism, Panofsky, Addison
- Physics 561—Quantum Mech., Powell, Addison
- Physics 563—Relativistic Electron Theory, Rose, Wiley

BUSINESS ADMINISTRATION

- Acct. 1, 2—Acct. for Bps. Decisions, Black, Prentice
- Acct. 3—Intermed. Acct., Karenbrack, South-Western
- Acct. 5—Basic Cost Acct. Practice Set and forms to accompany text, Specthrle, Prentice
- Acct. 6—Prin. of Auditing, (Rev. Ed.), Meigs, Prentice; and Metalcraft, Inc.; Audit Practice Prob., Holmes, Irwin
- Acct. 7—Federal Tax Course, Connelly, Prentice
- Acct. 16—Acct. and the Analysis of Financial Data, Easton, McGraw; and Lab. Material, Vol. 1, Rowland, State College
- Acct. 461—Adv. Acct., Comp. Vol. (3rd ed.), Karenbrack, South-Western
- Acct. 464—Bus. Budgeting and Control and Book of Quest. and Answers, Heckert, Ronald
- Acct. 467—Uniform CPA Exam. and Quant. (1957-41), AICPA
- B. Stat. 1, 2—Modern Bus. Stat., Freund, Prentice
- B. Stat. 4—Intro. to Stat. Analysis, Wilfrid, McGraw
- B. Stat. 501—Stat. Methods, Mills, Holt
- Comm. 105—Fundamentals of Corp. Finance, (Rev. ed.), Bradford, Holt
- Comm. 108—Personal and Family Finance, Wherry, Holt

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