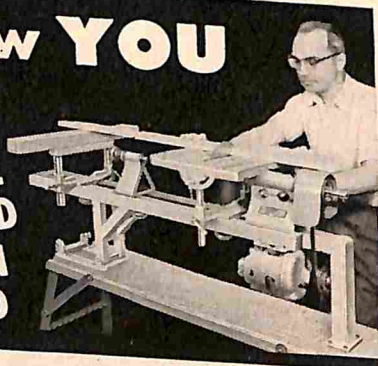


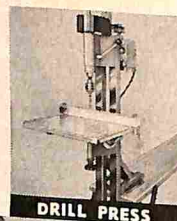
How YOU can SAW DRILL GRIND TURN SAND



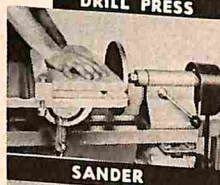
with **SUPERSHOP**

5 BIG POWER TOOLS IN 1

When you DO-IT-YOUR-SELF with SUPERSHOP you save money and you have fun. You can build a house or a garage — handle BIG jobs. The 8 inch saw cuts 2½ inches deep. Heavy tubular steel frame. 100% Ball Bearing. Lifetime accuracy. Save \$65.05—buy direct from factory. Take advantage of our FREE trial plan. You can buy on EASY TERMS. Write for FREE How-To-Do-It Catalog.



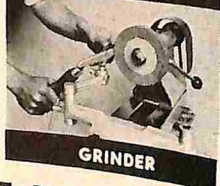
DRILL PRESS



SANDER



LATHE



GRINDER

Write for **FREE** How-To-Do-It Catalog.

WRITE FOR YOUR COPY
SEND POSTCARD
FACTORY TO YOU
EASY PAY PLAN
\$79.95

POWER TOOLS INC. 253A Yates Ave.,
Beloit, Wisconsin

4 POPULAR SCIENCE

News and Pictures

'54 Plymouth Offers Power Steering.....	104
Hot Atoms Gauge Snowfall.....	106
Clothes Make the Man.....	113
New Sights in the Sky.....	124
Practice Makes Perfect Pictures.....	134
Sailors Get More Room on Destroyer.....	136
Family Rides Own Cable Car.....	150
What Are You Passing Now?.....	158
Super Hot Rods.....	175

Mechanics and Homebuilding

How to Get Two Boards Out of One.....	186
Wordless Workshop.....	188
News in Home Heating.....	190
Corner Unit Houses Washer.....	194
New for Your Car.....	195
What You Can Do About Condensation.....	210
New Work Horse for Cameramen.....	213
One-Evening Shop Projects.....	250

Departments

Letters.....	12
New Ideas from the Inventors.....	131
I'd Like to See Them Make.....	161
P.S. Last Minute News and Notes.....	178
Hints from the Model Garage.....	199
New for the Handy Man.....	201
Keeping the Home Shipshape.....	203
New Tools.....	226
New Shop Ideas.....	236

NEXT MONTH How to Install a Car Safety Belt



Installing a seat belt in your car not only will keep you safer; it will make you a better driver, too. Because it gives what fliers know as a "seat of the pants" feel, you sense an impending skid or softening tire before it causes trouble. E. F. Lindley will tell you about this, and offer installation tips, in the December issue.

CAN YOU BELIEVE WHAT THEY SAY ABOUT A

LUCKY COUPON?

Read these facts:

Some people will tell you that I.C.S. coupon brings "Good Luck." They base this on results. In many cases, men and women report pay raises, promotions and important "breaks" soon after they mail the coupon. In one 90-day period, I.C.S. received 1973 letters from students who had won promotions and more pay. No wonder the coupon has a reputation for being LUCKY.

Is it really LUCK?

Of course not! There are good reasons for these successes. You can prove it for yourself. Just mark and mail the coupon below.

The very fact that you are taking definite action sets you apart from others, puts you in a league with I.C.S. leaders like Rickenbacker, Chrysler, Le Tourneau, scores of others. You immediately feel more confident, more sure of yourself.

You get free, expert guidance

By return mail you'll receive a large illustrated catalog with information about the career of your

choice and interesting facts about I.C.S. You'll also get the free, 36-page promotion manual, "How to Succeed." This gives you valuable tips about how to choose a career...how to apply for a job...how to get a raise. These books account for much of the "luck" you hear about; they have helped thousands of men and women.

Double your income by 1963

The most spectacular results come from those who enroll for I.C.S. courses. Recent reports from ten-year I.C.S. graduates show an average increase in income of 103%! Before they enrolled, these men were clerks, apprentices, junior accountants. Today they are supervisors, foremen, chief engineers. Match this average, and you can double your income by 1963.

Courses are sound, practical, easy-to-follow. You use your spare time and set your own pace. No interference with job or social life. Diplomas to graduates. Surprisingly low cost. Get all the details. Mail the coupon today!



INTERNATIONAL CORRESPONDENCE SCHOOLS



BOX 7662-N, SCRANTON 9, PENNA.

Without cost or obligation, send me "HOW to SUCCEED" and the booklet about the course BEFORE which I have marked X:

- | | | | | |
|--|--|--|--|---|
| <p>ART</p> <p><input type="checkbox"/> Commercial Art</p> <p><input type="checkbox"/> Magazine and Book Illustrating</p> <p><input type="checkbox"/> Cartooning</p> <p><input type="checkbox"/> Show Card and Sign Lettering</p> <p><input type="checkbox"/> Fashion Illustrating</p> <p>AUTOMOTIVE</p> <p><input type="checkbox"/> Automobile, Mechanic</p> <p><input type="checkbox"/> Auto-Elec. Technician</p> <p><input type="checkbox"/> Auto Body Rebuilding and Refinishing</p> <p><input type="checkbox"/> Diesel—Gas Engines</p> <p>AVIATION</p> <p><input type="checkbox"/> Aeronautical Engineering Jr.</p> <p><input type="checkbox"/> Aircraft Engine Mechanic</p> <p><input type="checkbox"/> Airplane Drafting</p> <p>BUILDING</p> <p><input type="checkbox"/> Architecture</p> <p><input type="checkbox"/> Arch. Drafting</p> <p><input type="checkbox"/> Building Contractor</p> <p><input type="checkbox"/> Estimating</p> <p><input type="checkbox"/> Carpenter and Mill Work</p> <p><input type="checkbox"/> Carpenter Foreman</p> <p><input type="checkbox"/> Reading Blueprints</p> <p><input type="checkbox"/> House Planning</p> <p><input type="checkbox"/> Plumbing</p> | <p><input type="checkbox"/> Heating</p> <p><input type="checkbox"/> Steam Fitting</p> <p><input type="checkbox"/> Air Conditioning</p> <p><input type="checkbox"/> Electrician</p> <p>BUSINESS</p> <p><input type="checkbox"/> Business Administration</p> <p><input type="checkbox"/> Certified Public Accountant</p> <p><input type="checkbox"/> Accounting</p> <p><input type="checkbox"/> Bookkeeping</p> <p><input type="checkbox"/> Stenography and Typing</p> <p><input type="checkbox"/> Secretarial</p> <p><input type="checkbox"/> Federal Tax</p> <p><input type="checkbox"/> Business Correspondence</p> <p><input type="checkbox"/> Personnel and Labor Relations</p> <p><input type="checkbox"/> Advertising</p> <p><input type="checkbox"/> Retail Business Management</p> <p><input type="checkbox"/> Managing Small Business</p> <p><input type="checkbox"/> Sales Management</p> <p><input type="checkbox"/> Salesmanship</p> <p><input type="checkbox"/> Traffic Management</p> <p>CHEMISTRY</p> <p><input type="checkbox"/> Chemical Engineering</p> <p><input type="checkbox"/> Chemistry</p> <p><input type="checkbox"/> Analytical Chemistry</p> <p><input type="checkbox"/> Petroleum—Nat'l Gas</p> <p><input type="checkbox"/> Pulp and Paper Making</p> <p><input type="checkbox"/> Plastics</p> | <p>CIVIL, STRUCTURAL ENGINEERING</p> <p><input type="checkbox"/> Civil Engineering</p> <p><input type="checkbox"/> Structural Engineering</p> <p><input type="checkbox"/> Surveying and Mapping</p> <p><input type="checkbox"/> Structural Drafting</p> <p><input type="checkbox"/> Highway Engineering</p> <p><input type="checkbox"/> Reading Blueprints</p> <p><input type="checkbox"/> Concrete Construction</p> <p><input type="checkbox"/> Sanitary Engineering</p> <p>DRAFTING</p> <p><input type="checkbox"/> Aircraft Drafting</p> <p><input type="checkbox"/> Architectural Drafting</p> <p><input type="checkbox"/> Electrical Drafting</p> <p><input type="checkbox"/> Mechanical Drafting</p> <p><input type="checkbox"/> Structural Drafting</p> <p><input type="checkbox"/> Sheet Metal Drafting</p> <p><input type="checkbox"/> Mine Surveying and Drafting</p> <p>ELECTRICAL</p> <p><input type="checkbox"/> Electrical Engineering</p> <p><input type="checkbox"/> Electrician</p> <p><input type="checkbox"/> Electrical Maintenance</p> <p><input type="checkbox"/> Electrical Drafting</p> <p><input type="checkbox"/> Electric Power and Light</p> <p><input type="checkbox"/> Lineman</p> <p>HIGH SCHOOL</p> <p><input type="checkbox"/> High School Subjects</p> | <p><input type="checkbox"/> College Preparatory</p> <p><input type="checkbox"/> Mathematics</p> <p><input type="checkbox"/> Commercial</p> <p><input type="checkbox"/> Good English</p> <p>MECHANICAL AND SHOP</p> <p><input type="checkbox"/> Mechanical Engineering</p> <p><input type="checkbox"/> Industrial Engineering</p> <p><input type="checkbox"/> Industrial Supervision</p> <p><input type="checkbox"/> Foremanship</p> <p><input type="checkbox"/> Mechanical Drafting</p> <p><input type="checkbox"/> Machine Design-Drafting</p> <p><input type="checkbox"/> Machine Shop Practice</p> <p><input type="checkbox"/> Tool Design</p> <p><input type="checkbox"/> Industrial Instrumentation</p> <p><input type="checkbox"/> Machine Shop Inspection</p> <p><input type="checkbox"/> Reading Blueprints</p> <p><input type="checkbox"/> Toolmaking</p> <p><input type="checkbox"/> Gas—Electric Welding</p> <p><input type="checkbox"/> Heat Treatment—Metallurgy</p> <p><input type="checkbox"/> Sheet Metal Work</p> <p><input type="checkbox"/> Sheet Metal Pattern Drafting</p> <p><input type="checkbox"/> Refrigeration</p> <p>POWER</p> <p><input type="checkbox"/> Combustion Engineering</p> <p><input type="checkbox"/> Diesel—Electric</p> <p><input type="checkbox"/> Electric Light and Power</p> | <p><input type="checkbox"/> Stationary Steam Engineering</p> <p><input type="checkbox"/> Stationary Fireman</p> <p>RADIO, TELEVISION, COMMUNICATIONS</p> <p><input type="checkbox"/> General Radio</p> <p><input type="checkbox"/> Radio Operation</p> <p><input type="checkbox"/> Radio Servicing—FM</p> <p><input type="checkbox"/> Television</p> <p><input type="checkbox"/> Electronics</p> <p><input type="checkbox"/> Telephone Work</p> <p>RAILROAD</p> <p><input type="checkbox"/> Locomotive Engineer</p> <p><input type="checkbox"/> Diesel Locomotive</p> <p><input type="checkbox"/> Air Brakes</p> <p><input type="checkbox"/> Car Inspector</p> <p><input type="checkbox"/> Railroad Administration</p> <p>TEXTILE</p> <p><input type="checkbox"/> Textile Engineering</p> <p><input type="checkbox"/> Cotton Manufacture</p> <p><input type="checkbox"/> Rayon Manufacture</p> <p><input type="checkbox"/> Woolen Manufacture</p> <p><input type="checkbox"/> Loom Fixing</p> <p><input type="checkbox"/> Finishing and Dyeing</p> <p><input type="checkbox"/> Textile Designing</p> |
|--|--|--|--|---|

Name _____ Age _____ Home Address _____
City _____ Zone _____ State _____ Working Hours _____ A.M. to _____ P.M.
Occupation _____

Special tuition rates to members of the Armed Forces. Canadian residents send coupon to International Correspondence Schools Canadian, Ltd., Montreal, Canada

POPULAR SCIENCE

MONTHLY

MECHANICS - AUTOS - HOMEBUILDING

How You'll Get

COLOR TV

PAGE 120

Best Christmas Toys
You Can Build

PAGE 179

25¢ November

CHEVROLET • FORD • PLYMOUTH • BUICK



CHRYSLER • CADILLAC

MERCURY • HSA

PACKARD • HUDSON

KAISER • LINCOLN



DESOTO • PONTIAC

OLDSMOBILE

Full Report on **1954 Power Steering**

PAGE 169