

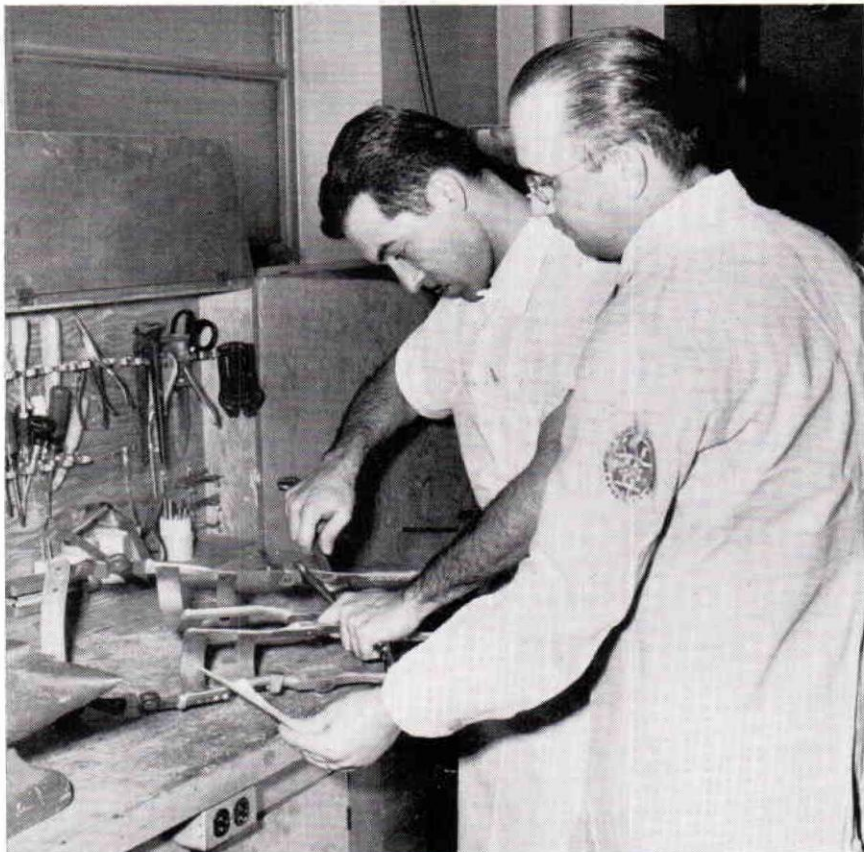
## **NINE-MONTH TRAINING COURSES FOR ORTHETIC AND PROSTHETIC TECHNICIANS—INSTITUTE FOR THE CRIPPLED AND DISABLED**

The Institute is a comprehensive rehabilitation center which conducts broad programs of teaching and research as well as services to the physically handicapped. The professional activities include Medical, Social Adjustment, Vocational Rehabilitation and Prosthetic Orthetic Laboratories. The Institute is professionally affiliated with New York University.

The Institute is again offering its basic training programs in Orthotics and Prosthetics. This rehabilitation center has since 1918 been actively engaged in the manufacturing, research and teaching field of prosthetics and orthotics. The teaching activities are born of a shortage of qualified personnel which serves the handicapped. Previous experience in the field of work is not required, but students must meet established prerequisites. Graduates of former years are now performing services not only in the United States, but throughout the world.

All students will receive a basic curriculum which covers a number of subjects. **COMPREHENSIVE ANATOMY** will be taught by a physician who will emphasize those areas which are the most meaningful to the student. **PSYCHOLOGY OF THE DISABLED** is a subject which equips the student to professionally handle the problems of patient relationships and to understand patient management. **REHABILITATION TECHNIQUES** give the student a comprehensive view of the patient's total program. **PHYSICAL EVALUATION** for the selection of appliances is carried on through the team approach. **ETHICAL AND PROFESSIONAL RELATIONSHIPS** are lecture courses which are based on the Code of Ethics for the Artificial Limb and Brace Profession, and the standards of the American Board of Certification. **THE HISTORY OF ORTHETIC AND PROSTHETIC APPLIANCES** prepares the student with background information of a broadening nature. **MECHANICAL AIDS** for the disabled encompasses such devices as canes, crutches, wheel chairs, etc. **LABORATORY LAY-OUT AND PURCHASING** develops thinking towards the most modern facilities and allows the student the advantage of making the best possible use of materials and components which are available. **SAFETY AND MAINTENANCE** instruction pertains to laboratory practices. **BENCH TOOL** instruction is limited to those tools which are anticipated for the student's use. **POWER MACHINE** instruction covers the operation of machines anticipated to help the student in his particular field. All of this instruction is covered in approximately 20 percent of the total course time.

Those students who are taking the orthetic program will receive instruction in the following subjects: **MATERIALS** used in the fabrication of orthosis. This will cover the properties of the materials and their correct selection for a given case. **MEASURING AND FITTING** of orthosis is an important aspect of the training and is given an appropriate proportion of course time. **PLASTER TECHNIQUES** are of importance to the orthetist insofar as the increasing use of plastics is concerned. Therefore, this subject is stressed. **CONSTRUCTION AND FINISHING OF APPLIANCES** is actually done by the student and covers a wide range of appliances. **PRE-FABRICATED PARTS** and the construction of braces from bar stock are



Stephen Hall, C.O., Checks Work of Student

a part of the student's training. Instruction is given in LEATHER WORK as it relates to the devices which the students fabricate. AMBULATION TECHNIQUES are presented by an Institute staff therapist so as to provide the student with a knowledge of how his products are used.

Those students taking instruction in the prosthetic area will receive instruction in the following subjects: MATERIALS including metal, wood, plastics and leather. This instruction is designed to enable the student to select the most desirable material for a given case. MEASURING AND FITTING of prosthesis is an important aspect of the training and is given an appropriate proportion of course time. PLASTER TECHNIQUES are of importance to the prosthetist insofar as the increasing use of plastics is concerned. Therefore, this subject is stressed. The curriculum for PROSTHETIC PRODUCTION covers conventional below knee, conventional above knee with pelvic band and suction socket prosthesis. Students who make exceptional progress, are then given the opportunity of exposure to the less common sights of amputation for the purpose of prosthetic production. All students are given instruction in the use of the ADJUSTABLE KNEE AND TRANSFER JIG as fitting procedure. LEATHER WORK is taught as it relates to the devices which the students fabricate. GAIT TRAINING is taught by an Institute staff therapist which, while not necessarily applied by the student, is important to him in the course of his work.



All students take part in a number of clinical team experiences, and field trips. These activities take place at the outstanding facilities in the Greater New York Area. All training is given with the basic idea of helping to prepare the student for examinations offered by the American Board for the Certification of the Prosthetic and Orthopedic Industry.

These courses are scheduled to begin September 14, 1959, and will continue through June 24, 1960. They represent a full-time training program with sessions Monday through Friday, plus additional special academic instruction. The enrollment is limited so as to maintain a high level of personal instruction.

Prerequisites for enrollment are a High School Diploma for United States applicants. Applicants from other countries should have obtained educational levels comparable to high school completion. Prior training in manual arts, mechanical drawing, anatomy and related subjects is desirable, but is not a necessary qualification.

The tuition for the nine-month course is \$550.00; a \$50.00 registration fee is required to accompany the formal application, but is refunded if the student is not accepted. The tuition is payable \$250.00 the first day of the course and \$250.00 the first day of the second semester. The Institute for the Crippled and Disabled will furnish all tools and major supplies. The student should anticipate a maximum of \$75.00 in charges for textbooks, printed material, and incidentals.

Requests for application blanks should be addressed to: Mr. Charles R. Goldstine, Director Prosthetic and Orthotic Laboratories, Institute for the Crippled and Disabled, 400 First Avenue, New York 10, New York, U.S.A. Students submitting completed application forms prior to August 1st, 1959, will be given preference for enrollment.



The Pennsylvania Rehabilitation Center at Johnstown, Pennsylvania (picture courtesy S. W. Conrad of Binghamton Limb and Brace Company), new center opened April 16, with a number of OALMA members from New York and Pennsylvania in attendance. It is believed to be one of the finest rehabilitation centers in the world.