To meet an ever-increasing demand for technical assistance from steel and construction industries and to create more economic designs and applications, the Missouri S&T Wei-Wen Yu Center for Cold-Formed Steel Structures (CCFSS) was established to provide an integrated approach for handling research, teaching, and technical services on cold-formed steel structures at Missouri S&T. The Center brings together technical resources from universities, trade associations, research laboratories, steel producers, manufacturing companies, consulting engineers, building officials, governmental agencies, and others.

The Center is currently co-sponsored by the American Iron and Steel Institute, Cold-Formed Steel Engineers Institute, Metal Building Manufacturers Association, Rack Manufacturers Institute, Steel Deck Institute, Steel Framing Industry Association, and the Missouri University of Science & Technology.

Since 1968 Missouri S&T has conducted numerous research projects on cold-formed steel structures. These projects have been supported by the American Iron and Steel Institute, National Science Foundation, the American Society of Civil Engineers, Metal Building Manufacturers Association, Metal Lath/Steel Framing Association, the Steel Deck Institute, the Chromium Centre in South Africa, The Nickel Development Institute in Canada, the Specialty Steel Industry of the United States, and individual companies.

With regard to teaching, Missouri S&T is one of few universities to offer a graduate course on cold-formed steel structures. In addition to the regular course, Missouri S&T has regularly conducted short courses and international specialty conferences to provide continuing education programs for the engineering profession.