The Society of Hispanic Professional Engineers (SHPE) is dedicated to promoting the success of Hispanics in engineering fields. SHPE has many different committees allowing students to pursue interests and develop into well-rounded professionals. One such committee is the Technical Committee. The Technical Committee of SHPE works on a few different projects throughout the year. These projects are for various competitions and events such as the Midwestern Robotics Design Competition (MRDC), Mechanical Engineering Open House, and the University of Illinois Engineering Open House (EOH). For the 2015-2016 academic year, the technical committee will be constructing a ground-based robot for MRDC and a working vehicular transmission for EOH. The technical committee also allows students to learn technical skills such as drafting and the use of various power tools.