Students who specialize in experimental psychology are confronted with a substantial amount of technical information on the instrumentation and the design of biopsychological experiments. Although mathematics at high school level is a precondition to enter psychological education, several students have difficulties understanding these technological aspects. BioPsy is developed to support those students who are confronted with deficiencies in knowledge of physics, electronics and instrumentation techniques. It is also developed as a remedial teaching tool to update the necessary knowledge and skills. The application is additional to face-to-face teaching and can be completed at any convenient time. Multi-media elements are used to enliven the course material. The application consists of three different modules. Students can search on specific terms to look up knowledge elements. They can also complete an introductory course on instrumentation techniques. In the last module, participants can apply their knowledge in several exercises based on actual experimenting.