cells, and molecules. This can be considered as the use of knowledge from working with and  
manipulating biology to achieve a result that can improve functions in plants and animals. Relatedly,  
biomedical engineering is an overlapping field that often draws upon and applies biotechnology (by  
various definitions), especially in certain sub-fields of biomedical or chemical engineering such as  
tissue engineering, biopharmaceutical engineering, and genetic engineering.

## Wikipedia Excerpt: PDF

Portable Document Format (PDF), standardized as ISO 32000, is a file format developed by Adobe in 1992 to present documents, including text formatting and images, in a manner independent of application software, hardware, and operating systems. Based on the PostScript language, each PDF file encapsulates a complete description of a fixed-layout flat document, including the text, fonts, vector graphics, raster images and other information needed to display it. PDF has its roots in "The Camelot Project" initiated by Adobe co-founder John Warnock in 1991.  
PDF was standardized as ISO 32000 in 2008. It is maintained by ISO TC 171 SC 2 WG8, of which the PDF Association is the committee manager. The last edition as ISO 32000-2:2020 was published in December 2020.  
PDF files may contain a variety of content besides flat text and graphics including logical structuring elements, interactive elements such as annotations and form-fields, layers, rich media (including video content), three-dimension