The text book does not provide a very comprehensive description of the new HDTV standard (the ATSC standard). Use the web to find out about the new standard and write a description of the standard.

Do not worry much (yet) about audio encoding or MPEG-2 video compression. Instead, focus on Parts 1, 3 and 4 of the A/53 standard which you can get from the ATSC web site:

www.atsc.org

There is lots more good stuff on the web about HDTV. Find it!