## **Study Strategies**

## Feynman Technique

The Feynman Technique was developed by Richard Feynman. He was a Nobel laureate in Physics and a master at making complex topics understandable. To Feynman, complexity and jargon often mask a lack of understanding. His learning technique has 4 steps.

Step 1: Select a concept to learn	<ul> <li>Open a blank document or grab a piece of paper</li> <li>Write everything you know about it already</li> <li>Using a different color font or ink, add to what you know as you learn more</li> <li>Once you think you know it well enough, move to step 2</li> </ul>
Step 2: Teach it to a child	<ul> <li>If you have a younger sibling, do this literally</li> <li>No younger sibling? Use a friend who is not in your major/class</li> <li>Test your understanding by getting rid of the academic language</li> <li>Get rid of jargon and complexity and use words understandable by a 12 year old (or someone outside your major)</li> <li>Simplicity reveals depth of understanding</li> </ul>
Step 3: Review and Refine	<ul> <li>Write/type your simplified explanation</li> <li>Writing helps with reflection and learning</li> <li>It also provides another input for the information</li> <li>Read it outloud and test if it sounds simple enough or is still too confusing</li> </ul>
Step 4: Organize and Review	<ul> <li>Find a new person</li> <li>Present your explanation – was it effective? What questions did they ask? What parts did they get confused about?</li> <li>Use their answers to the questions to refine it one more time</li> <li>Save that page or file for use when it's time to review for a test¹</li> </ul>



<sup>&</sup>lt;sup>1</sup>"The Feynman Technique: The Best Way to Learn Anything." 2012. Farnam Street. April 26, 2012. <a href="https://fs.blog/feynman-technique/">https://fs.blog/feynman-technique/</a>. Entire handout was adapted from the above source.