

## Engineering-related films

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- Google searches on engineering-related films will yield an impressive amount of results. Here are a few choices:

Movie	Documentary
<ul style="list-style-type: none"> <li>• <b>Seven Wonders of the Industrial World</b> (2003 - present, 50min/episode, Drama/History)  <i>This is a TV series available on Netflix and on DVD. A drama-documentary series which describes some of the key technological achievements of the industrial age.</i></li> <li>• <b>The Martian</b> (2015, 2h24min, Adventure/Drama/Sci-Fi)  <i>An astronaut becomes stranded on Mars after his team assume him dead, and must rely on his ingenuity to find a way to signal to Earth that he is alive. *Inspirational</i></li> <li>• <b>The 33</b> (2015, 2h7min, Biography/Drama/History)  <i>Based on the real-life event, when a gold and copper mine collapses, it traps 33 miners underground for 69 days.</i></li> <li>• <b>3 Idiots</b> (2009, 2h50min, Comedy/Drama)  <i>English subtitles. Two friends are searching for their long lost companion. They revisit their college (engineering) days and recall the memories of their friend who inspired them to think differently, even as the rest of the world called them "idiots".</i></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Star Men</b> (2015, 1h28min, Documentary/Biography/History)  <i>Four of the world's leading astronomers celebrate 50 years of friendship and exploration on a reunion road trip through the American Southwest. Although not directly referencing "engineering" the feats that are explored clearly show the amount of engineering that is required to study astrophysics. Although the protagonists are British, the film was directed by a Torontonion. *Uplifting &amp; inspirational. **Canadian made.</i></li> <li>• <b>The Last Man on the Moon</b> (2014, 1h35min, Documentary/Adventure/Biography)  <i>This is the story of Apollo astronaut Eugene Cernan, one of the few men who paved the perilous path to lunar exploration. It is a tale of burning ambition set against the spectacular and hazardous environment of space, and the heavy price of fame. Combining rare archival material, compelling visual effects and unprecedented access to Cernan and the other former astronauts, this is a stunning look at one man's role in humankind's greatest adventure.</i></li> <li>• <b>Watermark</b> (2013, 1hr32min, Documentary)  <i>This film shows water as a</i></li> </ul>

<ul style="list-style-type: none"> <li>• <b>Flash of Genius</b> (2008, 1h59min, Biography/Drama)  <i>Robert Kearns takes on the Detroit automakers who he claims stole his idea for the intermittent windshield wiper.</i></li> <li>• <b>October Sky</b> (1999, 1h48min, Biography/Drama/Family)  <i>The true story of Homer Hickam, a coal miner's son who was inspired by the first Sputnik launch to take up rocketry against his father's wishes. *Inspirational</i></li> <li>• <b>Apollo 13</b> (1995, 2h20min, Adventure/Drama/History)  <i>NASA must devise a strategy to return Apollo 13 to Earth safely after the spacecraft undergoes massive internal damage putting the lives of the three astronauts on board in jeopardy. *Inspirational</i></li> <li>• <b>The Flight of the Phoenix</b> (1965 original version - not the remake, 2h 22min, Adventure/Drama)  <i>After a plane crash in the Sahara, one of the survivors says he's an airplane designer and they can make a flyable plane from the wreckage.</i></li> </ul>	<p><i>terraforming element and the scale of its reach, as well as the magnitude of our need and use; the viewer is immersed in a world defined by a magnificent force of nature that we all too often take for granted - until it's gone. *Serious **Canadian made.</i></p> <ul style="list-style-type: none"> <li>• <b>Manufactured Landscapes</b> (2006, 1hr26min, Documentary)  <i>Photographer Edward Burtynsky travels the world observing changes in landscapes due to industrial work and manufacturing. Same director as Watermark. *Serious **Canadian made.</i></li> <li>• <b>The Arrow</b> (1997, 3hr, Drama/History)  <i>The true story of how Canada built and destroyed the world's most advanced fighter plane back in the 1950s. **Canadian made.</i></li> <li>• <b>The Truesteel Affair</b> (1983, 24min, Documentary)  <i>Based on an actual case, The Truesteel Affair video is aimed at triggering discussion on ethical responsibility in the workplace. It explores the dilemma of a young engineer whose loyalties to family, employer, and fellow workers come into conflict with his professional judgment.</i></li> <li>• <a href="https://www.nspe.org/resources/ethics/ethics-resources/engineering-ethics-videos">https://www.nspe.org/resources/ethics/ethics-resources/engineering-ethics-videos</a></li> <li>• <a href="https://documentaryaddict.com/tags/engineering">https://documentaryaddict.com/tags/engineering</a></li> </ul>
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