

# Astrotech

*Astronomy has benefited greatly from the use and innovations of technology. From the telescope to the cell phone, much of what we have today came from space exploration*

## Astronomy Strand Major Assignment

### CAT & MRI

#### Technologies

*scientists developed Computer-Aided Topography (CAT) and Magnetic Resonance Imaging (MRI) technologies to take pictures of the moon*

### Scratch-resistant

#### Lenses

*Scratch-resistant lenses were developed by NASA by applying a diamond-like lubricating coat over plastic lenses*



### Cordless Power Tools

*NASA developed a way for power tools to be used without cords. Today, cordless power tools are everywhere. Uses for these tools have proved extremely versatile and beneficial to society.*

### Athletic Shoes



*Technology originally developed for the boots worn on the moon,*

### Telescope

*Our view of our place in the universe might be very different had it not been for the invention of the telescope*

## Choose a technology

*That was originally developed for studying the heavens or space.*

*The use of that technology would have generated data for scientists to use in generating theories but it may also have unintended consequences, culturally, socially, or economically.*

*Outline how that technology was developed and discuss the scientific, social, cultural, economic*



*Nullam hendrerit consectetur erat. Maecenas non justo a quam egestas euismod. Nam iaculis porttitor risus. Maecenas ac enim. Sed purus eros nullam gravida.*

*and environmental impact of this technology. The format for this assignment will be essay-like. See the rubric below for the marking scheme. The curriculum*

*expectation for this assignment is:*

*B1.2 analyse why and how a particular technology related to astronomical research was developed and how it has been improved over time*

*(e.g., the evolution from optical to radio telescopes and to the Hubble telescope)*

*[AI, C]*

**Summative Due Date:**

**Feb. 26, 2018**