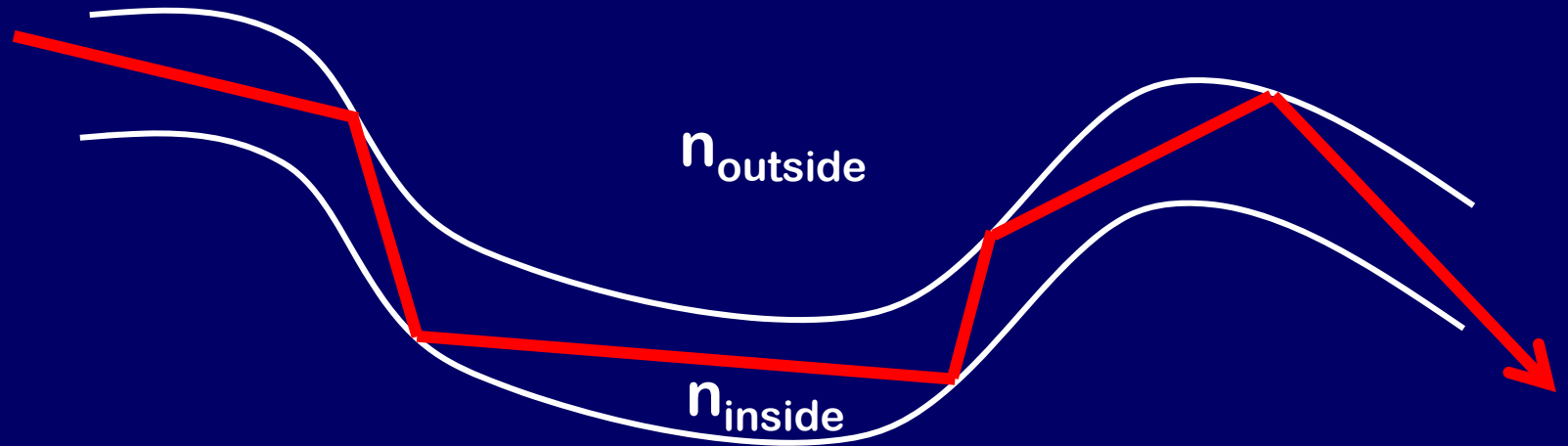


Fiber Optics

At each contact w/ the glass air interface, if the light hits at greater than the critical angle, it undergoes total internal reflection and stays in the fiber.



Telecommunications

Arthroscopy

Laser surgery

**Total Internal Reflection only
works if $n_{\text{outside}} < n_{\text{inside}}$**