



## Assignment 1

TST-101 - Test course

The name

April 25, 2018

Contains 2 pages, front page included

INSTITUTE OF PHYSICS AND TECHNOLOGY

## Problem 1

a) Gauss law tells us that

$$\iint\limits_{S} \vec{E} \cdot d\vec{S} = \frac{Q_{\text{enc}}}{\varepsilon_0}$$