UiT / THE ARCTIC UNIVERSITY OF NORWAY

Assignment 1

TST-101- Test course

The name

1. april 2018

Contains 2 pages, front page included

INSTITUTE OF PHYSICS AND TECHNOLOGY

Oppgave 1

1a) Gauss law tells us that

$$\oiint_S \vec{E} \cdot \mathrm{d}\vec{S} = \frac{Q_{\mathrm{enc}}}{\varepsilon_0}$$