## ID CAMPUS BADGE CARD CARD CARE







MIFARE cards are used for access control, ticketing, attendance and contain memory in addition to a microchip, and so are able to store information.

MIFARE cards are intended to be used strictly for access control and identification purposes. When cards fail, it's frequently the result of unintentional abuse by the cardholder.

## THERE ARE THREE PRIMARY REASONS FOR CARD FAILURE:

- 1. Damage to the antenna or damage to the bond between the chip and the antenna will destroy the card.
- 2. Exposing the card to electrostatic discharge (ESD) can damage the integrated circuit.
  - 3. Strong magnetic fields can wipe out the programming on the card's chip.

## **BELOW IS A LIST OF COMMON ACTIONS THAT WILL DAMAGE A MIFARE CARD:**

Machine washing the card by accident when it's forgotten in a pocket of a shirt or pair of pants.

Exposing the card to extreme heat (direct sunlight on the dash of your car, clothes dryer, or iron)

Punching a hole or slot in a nondesignated area can damage the internal antenna or electronic chip.

4

Bending, twisting, sitting on, or crimping the card

5

Using the card as an ice scraper for the windows of your vehicle

6

Exposing the card to chemicals including organic solvents, thinners, mineral spirits, alcohol, isopropyl, ethanol, or methyl.

To prevent damage, the very best way to do this is by using an ID badge holder.