



Micro-Learning Teaching
Technologies
QR Codes

medicine.vtc.vt.edu/TEACH

QR Codes

- QR is short for Quick Reader
- QR code is super fast way to access data.
- Where to use QR codes:
 - E-mail and website addresses
 - Register at a conference or in class (instead of roll call)
 - Contact information (i.e. Business cards)
 - Join a wifi network at the coffee shop
 - Social Media (i.e. Facebook, Twitter, YouTube)
 - Nutritional Information
 - Have retailers scan for payment from your banking accounts
 - Boarding passes

This is just to name a few of the endless uses...



Uploading Your QR Reader

- I-nigma will work on most mobile platforms ie. i-phone, Android, Blackberry, Sony, HTC, Motorola, Nokia, Windows, etc. and is free.
- On your mobile phone go to your app store for the I-nigma QR Code Reader download or go to www.i-nigma.mobi in your mobile browser.
- Click the install or download button.
- Once downloaded click on the icon for I-nigma on your phone, it should automatically come up in camera mode. You'll see a red square, center that square over the QR code on the right– it will bring up the phone's mobile internet to take you to the site connected to the QR code – Micro-learning Teaching Technology.



Creating QR Codes

As an example:

- Go back to the [www.i-nigma](http://www.i-nigma.com) site
- Click on create barcodes (see graphic on the right)
- Follow the steps. Once the QR code is generated, simply copy and paste the code into your documents, brochures, or other webpages.

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Create Barcodes

Barcode Type:
 Website link Encoded message Contact details Send SMS

Web address:

Title (optional):

Barcode Format: QR Code Data Matrix

Size:

Embed:

Right click on the smartcode to save it to your computer.

You can encode either a link to a website, a message to a friend, or your contact details. Then turn the information into a mobile barcode, one that can be printed on stationary, advertising or packaging, a t-shirt, or even built into a website or a Facebook page - and read by an i-nigma enabled mobile device.

Guidelines

Creating a mobile barcode is easy. Select what kind of barcode you want to create (QR Code or Data Matrix), then type in the web address (URL) or text you want to encode, and watch the mobile barcode being created, instantly. When you're finished, give it a title, and then scan, print or save it.

The following requirements must be followed to ensure your mobile barcode will work effectively:

Barcode size - Minimum 2cm x 2cm. At this size, a barcode can hold up to 60 characters. The barcode size increases as data contained within the barcode increases.

White space surrounding the barcode - It's around the barcode. Need to illustrate this.

Scanning distance - A 2cm x 2cm barcode distances you will need a larger barcode.

Display surface - For optimal results, it is:

- Medium** - barcodes can be displayed on a packaging, posters, plasma/LCD screens.

Download i-nigma Reader
The most widely used mobile barcode reader in the world!
[Download Here >>](#)

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