

EMS TRAINING PROGRAM ADMINISTRATION MANUAL

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Title: Barcode Specifications		
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- A. The following are the required specifications for barcodes that are used with the continuing education (CE) scanners:
1. **Barcode font** - The only acceptable barcode font is **Code 128**.
 - a. Code 128 is a variable length, high density, alphanumeric symbology. Code 128 has 106 different bar and space patterns and each pattern can have one of three different meanings, depending on which of three different character sets is employed. Code 128 also employs a check digit for data security.
 2. **Name badges/ID's** - The following specifications must be used for barcodes for certification numbers.
 - a. The certification number is formatted as (A#####)--that is an alpha character followed by 9 numeric characters with no spaces.
 3. **Course/topic numbers** - The following specifications must be used for barcodes for course and topic numbers.
 - a. The barcode is formatted as (#####)--that is a course number (5 numeric characters) together with the appropriate topic number (5 numeric characters) and no spaces.
 - i. For example 1234566666 would be the string used for a course number of 12345 with a topic number of 66666.
 4. **Barcoding Tips**
 - a. Printing
 - i. Barcodes must be printed on a laser or ID badge printer.
 - ii. A clear, crisp barcode is essential.
 - b. Size
 - i. Barcodes need to measure at least:
 - (a) ½ inch tall
 - (b) 1 ½ inches wide