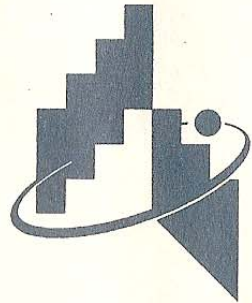


# CERTIFICATE



GLOBAL KNOWLEDGE NETWORK

*hereby certifies that*

***RICH WILLIAMS***

*has successfully completed*

*Cabling Voice & Data Networks*

JUNE 02 - 04, 1999  
Approved for 2.1 CEU's

A handwritten signature in dark ink, appearing to read "Greg Roels", written over a horizontal line.

Greg Roels  
*Chief Operations Officer*