

# BLOOMBERG ESSENTIALS TRAINING PROGRAM

This is to acknowledge that

**SERDAR SEN**

has successfully completed

**Fixed Income Essentials**

in

02/2013

of the

**BLOOMBERG  
ESSENTIALS  
TRAINING PROGRAM**

Congratulations,

A handwritten signature in black ink, reading "Tom Secunda". The signature is written in a cursive style with a large, looping initial 'T'.

Tom Secunda

**Bloomberg**