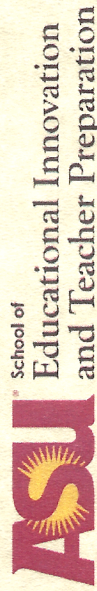


CERTIFICATE OF COMPLETION

This certificate is awarded to

Nina Dmitrov

For Completion of an Academic Specialization in
Mathematics



ARIZONA STATE UNIVERSITY

A handwritten signature in black ink, appearing to read "Billie J. Enz".

Billie J. Enz, Ph.D., Interim Associate Dean