In an effort to enhance its Nursing Program, American Public University System (APUS), Nursing Program Curriculum Developers requested the APUS Mathematics Department to develop and administer a basic statistics course for the Nursing Program. Prior to the request, the only available statistics course for Nursing students to take was MATH302, Statistics, a grueling 16 weeks online course. MATH302 is a statistics course geared toward undergraduate students majoring in Business, STEM, and other fields of studies such as Homeland Security and Intelligence Studies that require more than a basic understanding of applications of statistical processes. The product of in-depth research and design strategies resulted in MATH120, Introduction to Statistics. MATH120 is an eight week, online basic statistics course designed to address the needs of the Nursing Program. However, the course exceeded its original objectives! This presentation will discuss the development, design strategy, implementation, resource utilization, and serendipitous results of MATH120, Introduction to Statistics. (Received September 26, 2017)