

University of Wisconsin Academic Goals

My approach to the restarting my Bachelor of Science program in Applied Mathematics, Engineering Mechanics and Physics will consist of three phases. In the first phase I plan to repeat the three primary classes in which I received administrative Fs, rebuilding my fundamentals to the point where I can then apply myself full time to the core curriculum.

Computer Science 302 – Object Oriented C++ – for the Orbiter space flight simulator.

Physics 208 – Electromagnetism and Thermodynamics – for advanced chemical physics.

Engineering Mechanics 303 – Mechanics of Materials – for basic structural analysis.

(I took this class in 1979 and received a course 'A', but was denied credit due.)

The second phase will consist of my full time application to the course core curriculum.

Mathematics 321 and 322 plus 12 additional credits in mathematics

Physics 241 and 311 plus 12 additional credits in physics

The third phase will be approximately 24 credits of engineering physics to be determined.

My plan is to invest one part time year in the first course repeat and confidence building phase, and two full years in the second core curriculum phase of intense mathematics and physics studies, and then finally one full time year in the third applied engineering phase. I will continue to remain true to my original scientific interests and achievements, which I still consider directly attributable to a University of Wisconsin educational experience.

My four fundamental scientific and engineering classifications still remain :

Life Sciences, Earth Sciences, Space Sciences and the Natural Sciences.

My four fundamental hard science and engineering divisions still remain :

Mathematics, Physics, Chemistry and Biology.

My four fundamental theories, hypotheses, experiments and results shall still remain :

Life Sciences – The Closed Ecological Life Support System

Earth Sciences – Astrobiology, The Future of Life on Earth

Space Sciences – The Single Stage to Orbit Hypothesis

Natural Sciences – The Bismuth (I) Iodide Hypothesis