



Introduction to Filter Media

Instructor: Dr. Godwin Severa

Course: 8:00 am – 12:00 pm, .4 CEUs

Course Outline

- I. Introduction to Filter Media**
 - A. General concepts of filter media use
 - B. The various industrial uses of filter media
 - C. Filter media markets

- II. Filter Media by Application – Solid/Liquid Separation**
 - A. Types of Filter Media, Selecting Appropriate filter media, Filter Media tests, Filter Aids
 - B. Types of the Filter Media (Sieving), Selecting Appropriate Filter Media, Filter Media Tests
 - C. Types of the Filter Media (Coalescer Filter Media,..), Selecting Appropriate Filter Media, Filter Media Tests, Filter Aids

- III. Gas/Solid Separation (Air particulate filtration media)**
 - A. Types of Filter Media, Selecting Appropriate filter media, Filter Media tests, Filter Aids

- IV. Gas/Liquid Separation**
 - A. Types of Filter Media, Selecting Appropriate filter media, Filter Media tests, Filter Aids

- V. Unmet Filter Media needs**

- VI. Future of Filter Media (Latest & Greatest)**

Instructor:

Dr. Godwin Severa has over 10 years of research experience focused on the development of advanced materials for gas sorption with applications in air filtration and hydrogen storage technologies. His academic research focuses on developing new filter media materials for mitigation of acidic gas contaminants. He holds a PhD in Inorganic Chemistry and Master of business Administration. Dr. Severa has been actively involved in AFS over the past seven years and is currently the Scientific Committee Vice Chair and a member of the Certification committee. He is also the co-chair of the Energy Track at the 13th World Filtration Conference.