AP5301 – Term Paper

In addition to the three laboratory reports, students are expected to write a term paper on materials characterization. Each student can select a topic of his (her) interests which can range from a detailed discussion of recent instrumentation and applications of a specific technique (for example, new equipment and applications of Auger electron spectroscopy) to how materials characterization can benefit a particular field or industry (e.g. how electron microscopy and surface analyses are being used by the microelectronics industry to boost product yield).

Please email a tentative title and 50-100 words abstract to Prof. Paul Chu (paul.chu@cityu.edu.hk) by the end of the fifth week for approval. The term paper (20 to 30 pages, double-space, figures included) should begin with an abstract and introduction section outlining the objectives. The submission deadline is the end of the 13th week. Marks will be deducted for late submission.