

**Benha University**  
**Faculty of Engineering-Shoubra**  
**Contents of Courses of Mathematics**

**Surveying Engineering- First Year**

Mathematics (A), Code No. RFA 160, 3 + 3 Hours, 50 + 100 = 150, (1<sup>st</sup> Term)

- (i) Infinite series
- (ii) Partial differentiation
- (iii) Ordinary differential equations
- (iv) Vectors analysis
- (v) Curvature