

PROBLEM OF THE WEEK 3

Due Wednesday, October 2 at 5:00 pm

Question. In the triangle ABC , two of the angles are given as $m(\widehat{ACB}) = 105^\circ$ and $m(\widehat{BAC}) = 30^\circ$. A point D is chosen on the side AC such that $|AD| = |DC|$. Find the angle $m(\widehat{DBC})$.

- All answers should be clearly explained. Submit it to the Math/Stat Office, AMB 107.
- If your instructor gives you credit for POTW, write his/her name with the class number.
- Contact Bahattin Yildiz with questions: bahattin.yildiz@nau.edu (AMB 134)