Department	07 Computer Science and Mathematics
Course title	**Technical Writing in Computer Science**
Hours per week (SWS)	4
Number of ECTS credits	5
Course objective	> Enable participants to produce technical documents according to the English language writing standards. > Sensitise students for the need of document usability and readability. > Provide students with the tools necessary to write and revise their documents effectively.
Prerequisites	Profound knowledge in English (intermediate -- post-intermediate).
Recommended reading	> Rechenberg, P., "Technisches Schreiben (nicht nur) für Informatiker," 2nd ed., München-Wien: Hanser, 2003. > Gopen, G. D. and Swan, J. A., "The Science of Scientific Writing," American Scientist, vol. 78, pp. 550-558, Nov.1990. > Knuth, D.E. et al., "Mathematical Writing," MAA Notes, no. 14, The Mathematical Association of America, 1989.
Teaching methods	Practical seminar with hands-on writing tasks, supported by e-learning
Assessment methods	Home assignments and presentation (40%), written examination (90 min., 60%).
Language of instruction	English
Name of lecturer	Dr. phil. Aniko Balazs
Email	aniko.balazs@hm.edu
Link	http://www.cs.hm.edu/die_fakultaet/ansprechpartner/lehrbeauftragte/index.html
Course content	> Technical writing and its genres - text analysis > Background of the reception and production of scientific and technical text types > Norms of the professional communication in writing > Contrastive analysis of the English and German writing standards - intercultural aspects > Process-oriented writing - specificities and organisation > Texting for different applications and audiences > Demands on communicating technical contents in computer science > Writing in the Web - from the E-mail to the electronic documentation
Remarks	