COURSE: E-Learning/ Traditional Approach to Application of Mathematics in Traffic Sciences FDEM

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Web page: http://split-summerschool.com

Main topics:
- Distance learning / Using online platforms in math
- Functions / Examining the properties of function
- Introduction to graph theory / Solving traffic problems using graph theory
- The importance of using algorithms in practice / Solving traffic problems using algorithms
- Identifying math models in the city of seamen – Split

Programme structure:
- 5-day course
- sample data will be provided for practice and for final presentation
- every student gets lecture notes bound into a booklet, as well as a CD containing a digital version of the booklet

Important dates:
Course dates: 26/08/2019 – 30/08/2019
Application deadline: 15/07/2019
Payment due by: 01/08/2019
Confirmation of the course: 10/08/2019

Price of the course: 300 € (tax included)
Bed & breakfast: 189 € (tax included) – contact person: Marina Kero, marina.kero@scst.hr
Programme plan:
Day 1
- Distance learning/ Using online platforms in math (4h)
- Individual work/ exercise (2h)
Day 2
- Functions/ Examining the properties of function (4h)
- Individual work/ exercise (2h)
Day 3
- Introduction to graph theory/ Solving traffic problems using graph theory (4h)
- Individual work/ exercise (2h)
Day 4
- The importance of using algorithms in practice/ Solving traffic problems using algorithms (4h)
- Individual work/ exercise (2h)
Day 5
- Identifying math models in the city of seamen - Split (4h)
- Final presentations (2h)

Programme lecturers:
Tatjana Stanivuk, PhD, Teaching/Research Assistant Professor at the University of Split, Faculty of Maritime Studies, Chair of general subjects, Croatian Scientific Bibliography

Matko Maleš, M. Sc., Teaching/Research Assistant at the University of Split, Faculty of Maritime Studies, Chair of general subjects, Croatian Scientific Bibliography

Jelena Pleština, M. Sc., Teaching/Research Assistant at the University of Split, Faculty of Science, Department of Mathematics, Croatian Scientific Bibliography

Ajka Relja, M. Sc., Teaching/research Assistant at the University of Split, Assistant on project 'PREPARE', Split, Croatian Scientific Bibliography