



SPLIT SUMMER SCHOOL STSS2018

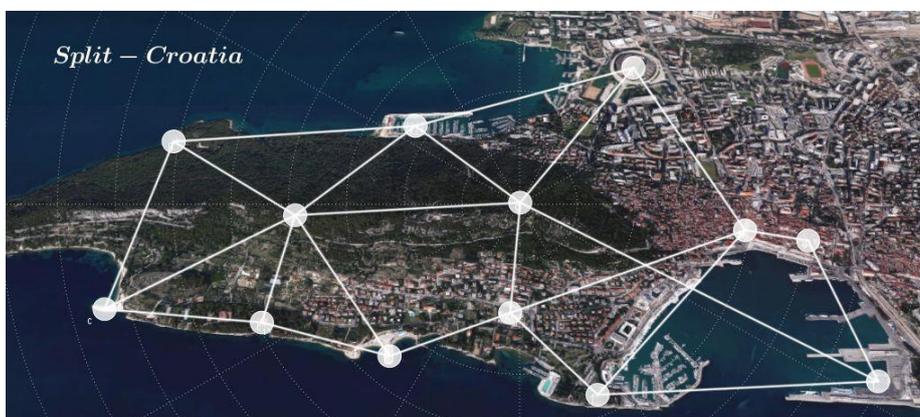
COURSE: E-Learning/ Traditional Approach to Application of Mathematics in Traffic Sciences
FDEM

Contact person: Tatjana Stanivuk tstanivu@pfst.hr
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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 through the use of graph theory
- The importance of using algorithms in practice / Solving traffic problems through the use of 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: 27/08/2018 – 31/08/2018
Deadline for application: 15/07/2018
Payment due by: 01/08/2018
Confirmation of the course: 10/08/2018

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

Programme lecturers:

Tatjana Stanivuk, PhD
Teaching/research Assistant Professor at the
University of Split, Faculty of Maritime Studies,
Chair of general subjects, Split, Croatia.
Croatian Scientific Bibliography

Matko Maleš, M. Sc.

(4h)

- Individual work/ exercise (2h)

Day 3

- Introduction to graph theory/ Solving traffic problems through the use of graph theory (4h)
- Individual work/ exercise (2h)

Day 4

- The importance of using algorithms in practice/ Solving traffic problems through the use of algorithms (4h)
- Individual work/ exercise (2h)

Day 5

- Identifying math models in the city of seamen - Split (4h)
- Final presentations (2h)

Teaching/research Assistant at the University of Split, Faculty of Maritime Studies, Chair of general subjects, Split, Croatia.
Croatian Scientific Bibliography

Jelena Pleština, M. Sc.

Teaching/research Assistant at the University of Split, Faculty of Science, Department of Mathematics, Split, Croatia.
Croatian Scientific Bibliography

Ajka Relja, M. Sc.

Teaching/research Assistant at the University of Split,
Assistant on project "PREPARE", Split, Croatia.
Croatian Scientific Bibliography