

# TIES4520: Semantic Technologies for Developers

Basic information  
Autumn 2023



# Lectures and demos

Course consists of 10 Lectures:

Lecture	Time	Title	Location
Lecture 1 (18.09.2023)	12:15 - 14:00	<i>Web of Things and Semantic Web in a nutshell</i>	Ag C231.1
Lecture 2 (22.09.2023)	12:15 - 14:00	<i>RDF data Serialization and Storing</i>	Ag C231.1
Lecture 3 (25.09.2023)	12:15 - 14:00	<i>Querying RDF data</i>	Ag C231.1
Lecture 4 (29.09.2023)	12:15 - 14:00	<i>Ontologies</i>	Ag C233.1
Lecture 5 (02.10.2023)	12:15 - 14:00	<i>Reasoning</i>	Ag C231.1
Lecture 6 (09.10.2023)	12:15 - 14:00	<i>Data Exchange and Semantic Annotation</i>	Ag C231.1
Lecture 7 (13.10.2023)	12:15 - 14:00	<i>Programming with Semantic Web (APIs)</i>	Ag C233.1
Lecture 8 (20.10.2023)	12:15 - 14:00	<i>Linked Data</i>	Ag C233.1
Lecture 9 (23.10.2023)	12:15 - 14:00	<i>Semantic Web Services</i>	Ag C231.1
Lecture 10 (27.10.2023)	12:15 - 14:00	<i>Ontology Alignment</i>	Ag C233.1

Course information webpage: <http://users.jyu.fi/~olkhriye/ties4520>

# Lectures and demos

Course consists of 9 Tasks that should be present during the corresponding Demo Sessions

Task	Deadline	Demo	Time	Location
Task 1-1	28.09.2023 (23:59)			
Task 1-2	02.10.2023 (23:59)			
Task 2	02.10.2023 (23:59)			
Task 3	05.10.2023 (23:59)	Demo 1 (06.10.2023)	12:15 - 14:00	Ag C233.1
Task 4	09.10.2023 (23:59)	Demo 2 (16.10.2023)	12:15 - 14:00	Ag C231.1
Task 5	15.10.2023 (23:59)	Demo 4 (03.11.2023)	12:15 - 14:00	Ag C233.1
Semi-final Assignment	02.11.2023 (23:59)	Demo 5 (06.11.2023)	12:15 - 14:00	Ag C231.1
Task	Deadline	Demo	Time	Location
Task 6	06.11.2022 (23:59)	Demo 3 (30.10.2023)	12:15 - 14:00	Ag C231.1
Task 7-1	17.11.2022 (23:59)	Demo 6 (10.11.2023)	12:15 - 14:00	Ag C233.1
		Demo 6 extra (13.11.2023)	12:15 - 14:00	Ag C231.1
Task 7-2	25.11.2022 (23:59)	Demo 7 (17.11.2023)	12:15 - 14:00	Ag C233.1
		Demo 7 extra (20.11.2023)	12:15 - 14:00	Ag C231.1
Task 8	08.12.2022 (23:59)	Demo 8 (04.12.2023)	12:15 - 14:00	Ag C231.1
		Demo Extra (08.12.2023)	12:15 - 14:00	Ag C231.1
		Demo Extra (11.12.2023)	12:15 - 14:00	Ag C233.1

Course information webpage: <http://users.jyu.fi/~olkhriye/ties4520>

## Info

### ■ Attendance and tasks results:

- In case you do not attend lecture without a reason (should be informed in advance), you can study materials on your own. In case of minor questions, you may get a guidance via email, but if you have too many questions, you may discuss them during the next Lecture or Demo Session.
- Deadlines for tasks results are shown in the table and course webpage. Task-1 and Task-2 do not require demonstrations, the rest of the tasks (including the Semi-final Assignment) should be present during the corresponding Demo(s) (see the table on the previous slide).
- Every task result influences on final grade. Be sure that you deliver all the task results in time.

### ■ Semi-final Assignment

- Semi-final assignment makes half of the semi-final grade (grade calculated based on the Task-1, Task-2, Task-3, Task-4, Task-5 and Semi-final Assignment).

### ■ Final Grade is calculated as average of semi-final grade and average grade of the rest of the tasks (Task-6, Task-7 and Task-8).