*Turku University of Applied Sciences - **Faculty of ICT and Industrial Engineering***

TURKU AMK
TURKU UNIVERSITY OF
APPLIED SCIENCES

School of Networked Systems and Security
Academic year 2026-2027

Contact: incoming.exchange@turkuamk.fi

Autumn semester 2026 (end of August - mid December) *

*Exact dates are published at Turku UAS Semester Dates. Please note that exchange students need to attend the whole semester to complete all courses. There are no special arrangements to complete the courses beforehand.

Embedded Systems and IoT * (needs to be taken as a whole)			
Course name + link to study guide	**Course code**	**ECTS credits**	**Prerequisites / quota of students / weekly schedules to avoid overlapping, etc.**
Digital Systems Design	TE00DJ62	5	
Electronics	TT00DP25	5	
Sensors and Signal Conditioning	TT00DP20	5	
System Software	TT00DP24	5	
Innovation Project	TE00BL66	10	
Total		**30**	

* Prerequisites: Fundamental skills in Mathematics, Computer architecture and Programming. The semester courses are mainly 3rd year ICT engineering (B.Eng.) courses. It is possible to join the semester only for the autumn part, or for full academic year. **ECS network students / double degree students have priority to join the semester.**

Data Networks and Cybersecurity * (needs to be taken as a whole)			
Course name + link to study guide	**Course code**	**ECTS credits**	**Prerequisites / quota of students / weekly schedules to avoid overlapping, etc.**
Innovation Project	TE00BL66	10	max 5 students
Programming for networks and information security	TT00DA18	5	max 5 students
Information Security Risk Management	TT00BM62	5	max 5 students
Operational Security	TT00DP16	5	max 5 students
Cloud Infrastructure Security	TT00DR15	5	max 5 students
Total		**30**	

* Prerequisites: Fundamental skills in Computer Networking and Linux. The semester courses are mainly 3rd year ICT engineering (B.Eng.) courses. It is possible to join the semester for the autumn part, or for full academic year.

Spring semester 2027 (January - end of April) *

* Exact dates are published at [Turku UAS Semester Dates](). Please note that exchange students need to attend the whole semester in order to complete all courses. There are no special arrangements to complete the courses beforehand.

Embedded Systems and IoT * (needs to be taken as a whole)			
Course name + proper link to study guide	**Course code**	**ECTS credits**	**Prerequisites / quota of students / weekly schedules to avoid overlapping, etc.**
Embedded Linux	TT00DP21	15	
IoT Essentials	TT00DP19	5	
IoT Edge Computing	TT00DN57	5	
IoT Security	TT00BO24	5	
Total		**30**	

* Prerequisites: Fundamental skills in Mathematics, Computer architecture and Programming. The semester courses are mainly 3rd year ICT engineering (B.Eng.) courses. It is possible to join the semester only for the autumn part, or for full academic year. **ECS network students / double degree students have priority to join the semester**.

Data Networks and Cybersecurity * (needs to be taken as a whole)			
Course name + link to study guide	**Course code**	**ECTS credits**	**Prerequisites / quota of students / weekly schedules to avoid overlapping, etc.**
Routing, Switching and Wireless Essentials	TE00BU42	5	max 5 students
Enterprise Networking, Security and Automation	TE00BU43	5	max 5 students
Network Security	TT00DM88	5	max 5 students
Information Security Testing and Assessment	TT00DP17	5	max 5 students
Cybersecurity Situational Awareness	TE00DA36	5	max 5 students
Advanced Information Security Risk Management **	TE00DA38	5	max 5 students
Total		**30**	

* Prerequisites: Fundamental skills in Computer Networking and Linux. The semester courses are 2nd and 3rd year ICT engineering (B.Eng.) courses. It is possible to join the semester for the spring part, or for full academic year.

** Prerequisites: [Information Security Risk Management]() or equivalent skills.