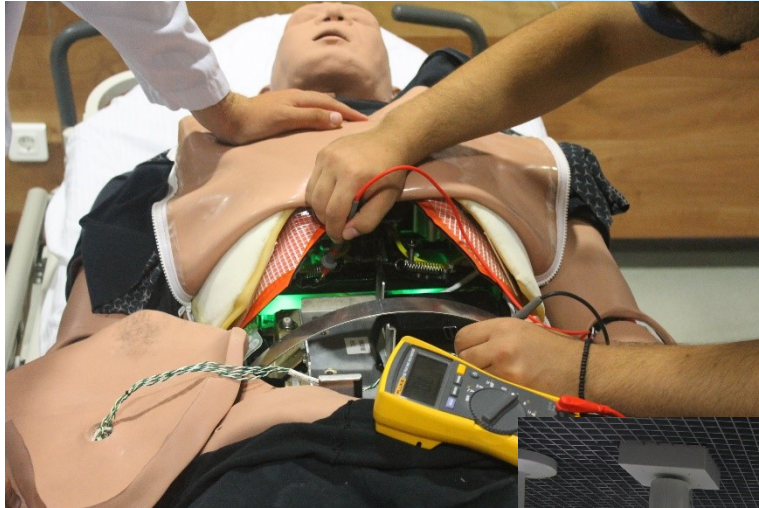




NETWORK OF ACCREDITED
SKILLS CENTRES IN EUROPE



Train the Simulation Technician Course

Who should attend?

*Simulation technicians, who are already working in medical training centers focusing on clinical simulations by using manikin based simulators, are advised to attend the course with **Certification Type A**.*

*Simulation technicians, who are already working in medical training centers focusing on wet lab or cadaver based surgical trainings are advised to attend the course with **Certification Type B**.*

Concepts covered in NASCE Train the Simulation Technician Course Program

Certification Type A

This course will cover following topics:

- *Designing the learning environment for medical simulation according to the needs of educators.*
- *Designing the center according physical and infrastructural requirements*
- *Infrastructural requirements of medical equipment and simulators.*
- *Infrastructural requirements of AV solutions and data network.*
- *Basic information of sensor technologies used in medical simulation.*
- *Other components used in medical simulators*
- *Storage conditions of simulation systems*
- *Preventive maintenance*
- *Various operating systems embedded in simulation systems*
- *Topology of LMS systems integrated with AV solutions*
- *Serious gaming modules used with tablet PC, VR and AR based platforms.*
- *Hands-on workshop with sensor technologies used in simulators*

Certification Type B

This course will cover following topics:

- *Swine Anatomy*
- *Animal Care in wet lab conditions*
- *Designing the wet lab according physical, infrastructural and animal welfare requirements*
- *Animal preparation & operation process*
- *Sterilization and disinfection procedures*
- *Types of cadavers used for medical trainings*
- *Cadaver storage techniques*

Agenda of Certification Type A

Date: 2nd April, 2020

		Educator
09:00-09:15	Welcome&Introduction	Emin Aksoy
09:15-10:15	Designing the learning environment for medical simulation <ul style="list-style-type: none"> ○ <i>Designing simulation centers according to workflow</i> ○ <i>Technical Infrastructure of Simulation Centers</i> <ul style="list-style-type: none"> ▪ <i>Electrical</i> ▪ <i>Data&Network</i> ▪ <i>Audio&Visual</i> ▪ <i>Medical Gas</i> 	Timur Mercan Frida Holmkvist
10:15-10:30	Coffee Break	
10:30-12:30	Hardware Used for Medical Simulators	Clare Sullivan Timur Mercan
12:30-13:30	Lunch Break	
13:30-14:15	Maintenance & Care of Simulation Systems	Frida Holmkvist Timur Mercan
14:15-15:15	Software Structure <ul style="list-style-type: none"> ○ <i>Operating systems used in various hardware platforms.</i> ○ <i>Learning Management System</i> <ul style="list-style-type: none"> ▪ <i>Integration with simulation systems</i> ○ <i>Serious Gaming (PC Based, VR, AR, XR)</i> 	Timur Mercan Mehmet K.Ozkan
15:15-15:30	Coffee Break	
15:30-16:45	Workshop <ul style="list-style-type: none"> ○ <i>Sensor application training</i> 	Timur Mercan
16:45-17:15	Certification Ceremony	

Agenda of Certification Type B

Date: 3rd April, 2020

		Educator
09:00-10:15	Introduction <ul style="list-style-type: none">Animal Care and AnatomyPreoperative Pig PreparationTechnical infrastructure of wetlab	Moustapha Hassan Timur Mercan
10:15-10:30	Coffee Break	
10:30-12:30	Animal Preparation Preoperative preparation Operation Animal Monitorization & Anaesthesia Sacrification of Animals	Moustapha Hassan
12:30-13:30	Lunch Break	
13:30-14:15	Post-Operative Cleaning Sterilization and Disinfection	Edip Atay
14:15-15:15	Types of cadavers Cadaver Handling	Wouter Willaert
15:15-15:30	Coffee Break	
15:30-16:45	Cadaver Storage Techniques	Wouter Willaert
16:45-17:00	Certification Ceremony	

The logo for NASCE (National Animal Sanitation Certification Examination) is a light blue semi-circle with the word "NASCE" written in white, serif, uppercase letters across its center.

NASCE

Venue of the course

CASE

Center of Advanced
Simulation and Education

CASE (Center of Advanced Medical Simulation and Education) is a NASCE accredited, multidisciplinary medical simulation center and aims to give high quality education with new training methodologies by using a state of art simulation modalities and medical equipment. CASE consists of a medical simulation center and advanced endoscopic/robotic surgery training center. CASE offers different types of simulation based experiential learning via standardized patients, virtual reality, task trainers, surgical simulators and high fidelity manikins. CASE also offers laparoscopic/robotic surgery trainings in its wet lab and cadaver based trainings for various surgical specialties.



For more information about CASE you can use this QR code →



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You can find detailed information about the course on NASCE webpage

www.nascenet.org