Transformative Technologies and the Future of Global Security

Changing our world - for good or ill?

Thematic cluster:

Geopolitics and Global Futures

Course date:

13 June 2019

Course location:

Geneva, Switzerland

In the last few years, the field of transformative technologies has expanded at a dizzying rate. While scientific advances can offer untold benefits to humanity, they also pose a myriad of thorny questions about equality, ethics, security – and our very existence.

This course examines the latest developments in transformative technologies, including but not limited to Artificial Intelligence (AI), autonomous weapons, Big Data, and virtual reality. It examines the short- and long-term ramifications of these technologies in today's interconnected world.

COURSE FOCUS:

The course is interactive and employs different teaching methodologies including group work, lectures and participant-led discussions. It rests on the three pillars that characterise the GCSP's unique learning experience: the latest thinking and research from high-level academia, the experience of senior practitioners, and the input of professional participants. It is an exceptionally stimulating environment, enabling you and your peers to engage in a challenging topic and explore the latest developments in a cutting-edge domain.

The presentations, given by international experts, will address a number of aspects of the field of transformative technologies, including:
- Artificial intelligence
- Big data
- Virtual reality
- Autonomous weapons
- Hypersonic missiles

COURSE BENEFITS

The course provides you with a comprehensive and analytical overview of the impact of transformative technologies across several domains, including their ethical and security implications. In addition the course will further your understanding of how transformative technologies will impact the future of warfare.

The principal course objectives are:
- Define and understand the impact of transformative technologies
- Analyse the effects of these through the prism of moral philosophy and global security
- Identify key future risks and debates surrounding advances in these technologies

GCSP
Geneva Centre for Security Policy

Course Director

Professor Nayef Al-Rodhan is a Philosopher, Neuroscientist and Geostrategist. He is Head of GCSP's Geopolitics and Global Futures Programme and Honorary Fellow of St. Antony's College at the University of Oxford, United Kingdom. He holds an M.D. and a Ph.D. He trained in neurosurgery/neuroscience research at the Mayo Clinic, Yale University and Harvard University.

Expert Educators

Our educators include the GCSP's own international team composed of academics and practitioners with broad experience in security policy, diplomacy and/or military affairs, as well as guest speakers who are government officials, military officers, representatives from international institutions and civil society, academics and researchers.

Please visit the course page on the **GCSP website** for further details on speakers.

Who should attend

This course is designed for officials from governments and international organisations, as well as members of the security and defence policy planning and the intelligence communities. This course is also relevant to representatives from the private sector and non-governmental organisations, journalists, and anyone with a professional interest in understanding future international security challenges.

Tuition fees

CHF 500

Apply by 13 April 2019 to qualify for a 15% discount. Alumni qualify for a 20% discount. A limited number of partial tuition waivers may be available.

GCSP reserves the right to modify the programme dates, location and fee at any time. Discounts are not cumulative.

Registration deadline

10 June 2019

Language requirements

The course will be held in English; no translation will be provided

Venue

GCSP, Maison de la paix,
Chemin Eugène-Rigot 2D, Geneva
Switzerland

Contact

For further details about the course or customised solutions, please contact:

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Web: http://www.gcsp.ch

Alumni Community

Completing the executive course gives you access to a global and expanding network of over 7'000 experts. Alumni are able to connect online through our Alumni Portal, attend numerous conferences and events, and benefit from reduced rates in future courses.

GCSP

The Geneva Centre for Security Policy is an international foundation with 52 member states from across the globe. We bring people from every industry and nation together so they can thrive in today's ever-changing security landscape.

In the heart of international Geneva

Home to over 35 international organisations, some 380 non-governmental organisations, and more than 175 diplomatic missions, representations and delegations, Geneva is a leading hub for international expertise.

Geopolitics and Global Futures Symposium

This course is part of the three-day Geopolitics and Global Futures Symposium which will take place on 12 - 14 June 2019. Contact us for more information or to register for the full three-day event.

Testimonial from a past participant

The overall quality of the speakers and the course is truly world-class and it's worth the money spent. Keep going like this as you're providing some serious added-value.

Mr Stefano Rodella,
Financial Analyst and Managing Partner, AtonRa Partners, Geneva