11.4.3 Allow Remote Working

2024/2025

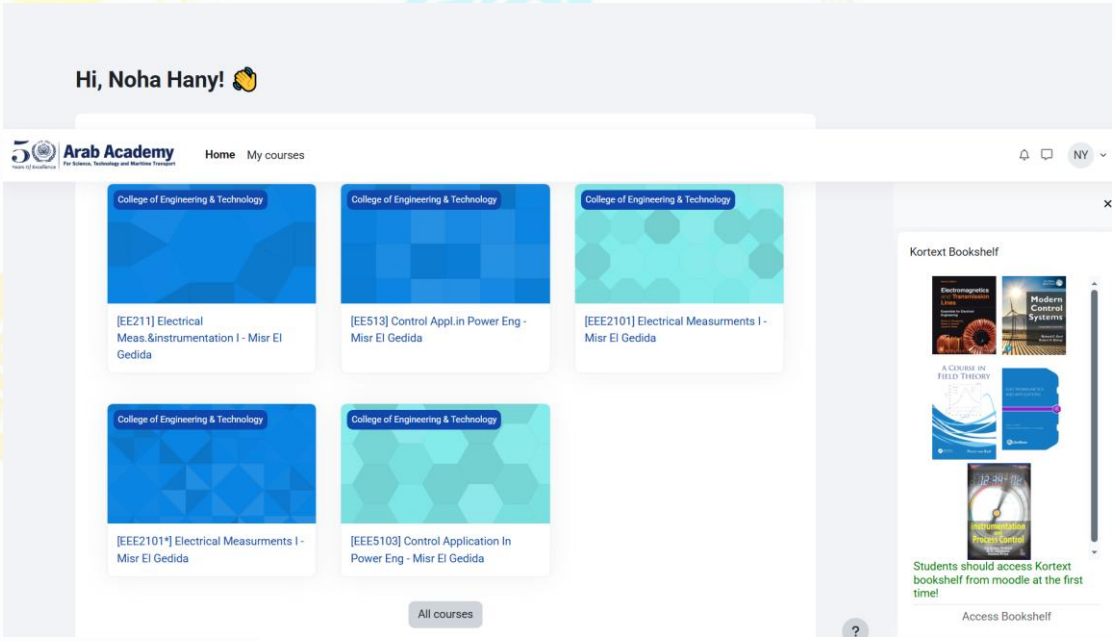
Executive General Summary: Digital Collaboration and Lower-Commuting Urban Futures

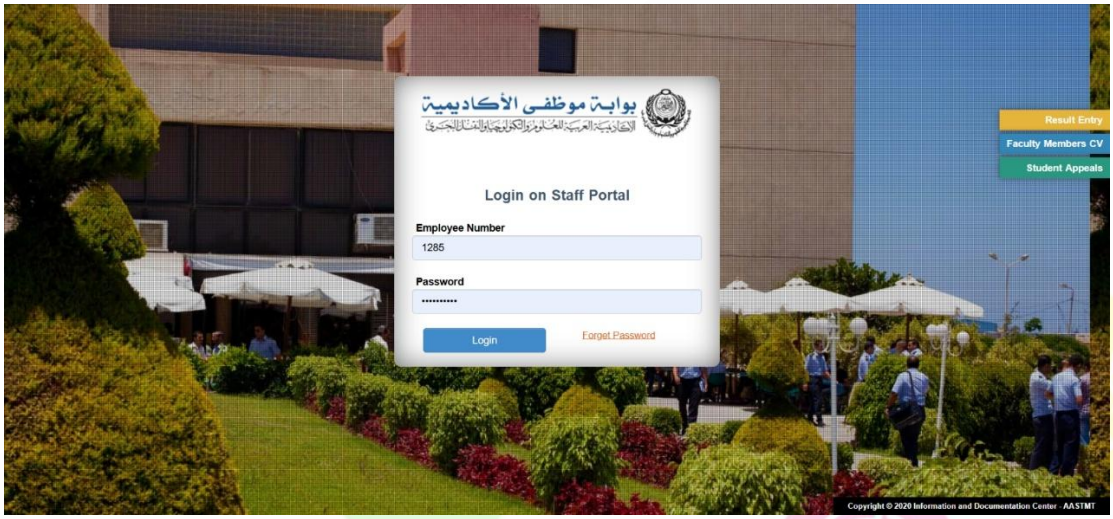
Arab Academy for Science, Technology and Maritime Transport (AASTMT) operates an academic and administrative digital ecosystem that supports online engagement, electronic workflows and geographically distributed knowledge exchange. Its official reporting identifies AASTMT Moodle, Paperless administrative workflows and hybrid/virtual conferences as enabling infrastructure. These mechanisms can support smarter cities and urban sustainability by making some academic, administrative and collaborative activities less dependent on daily travel, with potential benefits for commuting patterns, traffic congestion and pressure on public transport.

AASTMT's multi-campus footprint creates a relevant setting for these practices. Alexandria (Main Campus and associated institutes) contributed completed online professional and international seminars; Port Said hosted a hybrid STEM workshop; El Alamein supported a hybrid international consortium and made logistics sessions accessible online; and Aswan-based Civil Protection professionals received specialised virtual training without having to attend at the Alexandria training institute. Cairo campuses, including Heliopolis and Smart Village, are part of the broader institutional network and may access academy-level digital systems.

AASTMT's Institutional Digital Foundation: Moodle and Paperless Services

The Academy's Moodle learning environment and Paperless administrative portals provide official examples of distributed content and electronic staff workflows.





AASTMT's Institutional Digital Foundation: Moodle and Paperless Services

Digital Access Beyond Campus: 4th International Logistics Camp on AI in Logistics

Held on 4–5 September 2024, the fourth International Logistics Camp convened more than 160 participants and 21 speakers to explore AI-enabled logistics and digital supply chains. AASTMT reports that all sessions were recorded and published through its online learning platforms and social media, extending free access beyond physical attendance.



Digital Access Beyond Campus: 4th International Logistics Camp on AI in Logistics | AASTMT

Delivering Specialist Safety Training Remotely to Aswan

From 18 to 29 July 2025, AASTMT's Productivity and Quality Institute conducted virtual training on risk management and HAZOP studies for Civil Protection officers and leaders based in Aswan. Delivered by Dr Islam Elbanna, the sessions used online interaction to reach public-service professionals across a significant geographic distance. The documented model widened access to operational risk and disaster prevention expertise while avoiding the necessity of every learner travelling to Alexandria; any reduction in commuting, road-network demand or emissions remains unquantified.



Delivering Specialist Safety Training Remotely to Aswan | AASTMT News

Virtual Professional Outreach: Low-Current Engineering Career Webinar

Successfully delivered on 6 May 2025 by the Electrical and Control Engineering Department, this webinar connected AASTMT students and faculty with students from other universities and practising engineers. Its programme addressed low-current systems, sector entry points and engineering career pathways. The online participation record shows practical use of virtual learning across institutions, potentially avoiding individual city trips and traffic congestion for some attendees.



Virtual Professional Outreach: Low-Current Engineering Career Webinar | AASTMT News

Digital Maritime Collaboration: Chinese–Egyptian Port Skills Seminar

On 26 May 2025, AASTMT's Port Training Institute and Qingdao Port's vocational education partners jointly delivered a live online seminar on talent cultivation in Chinese and Egyptian ports. The event convened educators, maritime specialists and institutional representatives across borders to address vocational competencies, smart ports and digital supply chains. Its virtual format demonstrated professional cooperation without co-location, aligning with intelligent transportation and urban sustainability objectives through lower travel dependence.



Digital Maritime Collaboration: Chinese–Egyptian Port Skills Seminar | AASTMT News