Advanced Materials Technology Centre (AMTC) aims to be a leading technology innovation centre for tangible impact through advanced materials breakthrough innovations, providing industry solutions & professional training. AMTC aspires to transfer technologies developed to industry through consultation and licensing, and allows commercial companies access to its state-of-the-art processing equipment and analytical instruments.
About Us

The Advanced Materials Technology Centre (AMTC) focus in translational R&D in the following areas:


What We Do

Consultancy

• Identify and conduct interdisciplinary & translational R&D projects
• Develop novel technologies & solutions
• Provide resources & capabilities to accelerate developments
• Create technology transfer & commercialisation opportunities
• Assist industry in moving up the value chain
• Provide RMC certified consultancy to companies for technology adoption & productivity enhancement
• Provide high value continuing education courses for adult learners on skills upgrading

Please visit our website at https://industry.sp.edu.sg/department-tie/#tie-amtc

For further information or enquiries about AMTC, Please email us at tie@sp.edu.sg.
Revolutionize Manufacturing Using Data, Automation And Industrial Internet Of Things (IIoT)

Data plays a hugely important role in modern manufacturing processes. Advances in robotics and increasing levels of automation are dramatically changing the face of manufacturing. AMC helps manufacturing businesses with the adoption of data and automation to transform their organisation and business processes to achieve operational excellence.
The Advanced Manufacturing Centre (AMC) aims to provide consultancy projects for companies, particularly for SMEs, in adopting Advanced Manufacturing technologies.

AMC helps companies adopt technologies where automation, robotics and big data bring manufacturing to the next level.

For further information or enquiries about AMC, please email us at enterprise@sp.edu.sg
Growing Your Business Locally And Regionally

In a world of unprecedented disruption and market turbulence, businesses today need to continuously evolve through constant capability development to stay ahead of the curve. Business Innovation Centre (BIC) helps businesses generate new value; discover new opportunities and drive new growth and deliver new efficiencies.
Business Innovation Centre (BIC) is a single point of interface for businesses to collaborate with SP lecturers and students to innovate, enhance productivity, build international connection and enhance their capabilities.

Consultancy & Student Projects
Collaborate with SP lecturers and students to diagnose business gaps and develop business solutions in the following areas:
- Regionalisation
- Human Resource
- Proof-of-Concept & test-bedding
- Marketing
- Finance
- Business Analytics
- Operation Management
- Service Excellence

Professional Training
Short courses, customized trainings and specialist diplomas to upgrade your staff capabilities.

Internships
Deployment of business solutions through SP’s student enhanced internship program.

Please visit our website at www.industry.sp.edu.sg/inp/#bic
For further information or enquiries about BIC, please email us at SB-industry project@sp.edu.sg.
As businesses get access to advanced technologies, data and ways to reach out to their clients, new challenges are faced and must be met. Building Information Modelling Centre (BIMC) capitalizes on technology to help businesses transform collaboration, productivity, and innovation across various professional building disciplines.
About Us

The Building Information Modelling Centre (BIMC) is established to raise BIM awareness with likeminded individuals and companies.

It serves as a platform for learning, research and collaboration in BIM innovation and integration.

What We Do

Training & Partnerships

• Provide BIM Training programmes for Built Environment (BE) Sector in the form of Professional Education Training (PET)/Continuing Education Training (CET) and Earn and Learn Programme (ELP)
• Build BIM talent pipeline through training, industry engagement and collaborative research for Singapore Built Environment (BE) Sector

Research & Development

• Help BE companies to be BIM ready through industry engagement and collaborative BIM R&D projects
• Inspire BIM Innovation through collaborative research which revolves around topics such as innovating smart and digital solutions

For further information or enquiries about BIMC, Please email us at enterprise@sp.edu.sg
Exploit Data To Advance Your Business

Data is becoming a valuable commodity for businesses. Data Science and Analysis Centre (DSAC) helps to reduce uncertainty and generates insights to enable better decision making.
The Data Science and Analytics Centre (DSAC) partners industries to drive data science and analytics through innovation, solutioning and training.

**About Us**

**What We Do**

**Innovation**
Harnessing data and applying data science and analytics techniques to derive business insights through applied research.

**Training**
Building employees’ capability to practise data science and analytics at the workplace.

**Solutioning**
Developing data products.

For further information or enquiries about DSAC, please email us at enterprise@sp.edu.sg.
Building A Sustainable Future

From the car you travel in, to the shampoo you wash your hair with today, almost everything we use is a by-product or finished product of the Energy and Chemicals Industry. Singapore is one of the world's leading hubs, and the Energy and Chemicals Training Centre (ECTC) provides capability training and promotes the development of innovative solutions.
The Energy and Chemicals Training Centre (ECTC) drives and sustains business development in the following key industry areas:

Energy and Chemicals (E&C), Specialty Chemicals, Biologics and Pharmaceuticals, and Consumer Chemicals.

Leadership & Mentoring

- Help businesses develop highly qualified workers in process operations, troubleshooting and optimisation, digitalisation as well as process automation
- Provide capability training in product development and innovation, which has been identified by Economic Development Board as a growth sector

For further information or enquiries about ECTC, please email us at enterprise@sp.edu.sg
As patterns of food preferences evolve with changes to our daily living and social habits, there is a need to focus more on meeting the everyday needs of the consumer. Through the use of Design Thinking principles, FIRC can assist to elicit consumer empathy, engage in frequent prototyping and foster collaboration with the target audience to discover new opportunities within the food domain.
The Food Innovation and Resource Centre (FIRC) was launched in 2007 as a joint initiative between Singapore Polytechnic and Enterprise Singapore.

With 8 lab facilities and over a 100 equipment, FIRC assist in conducting pilot trials with its range of extensive equipment which is available for leasing to manufacture prototypes for test marketing purposes.

Consultancy Services

Equipped with dedicated facilities for pilot plant, test kitchen, application laboratories and sensory suite, FIRC provide an avenue for the food industry to find solutions to their needs.

- Product & Process Development
- Packaging & Shelf Life
- Sensory & Consumer Studies
- Smart Automation
- Applied Research

Training Programmes

A significant aspect of FIRC’s role is to provide practical training to meet the needs of the food industry. FIRC have dedicated training facilities at the centre, which offers generic, certified and customised training courses.

Testing Services / Lab Facilities

Equipment are available for lease to manufacture prototypes for test marketing purposes.
Immersive technology provides a high level of realism to a simulated environment. By blurring the lines between virtual and physical, Immersive eXperience Technology Centre (IXTC) helps businesses with the implement of virtual reality training simulating real world tasks with realism and accuracy.
Immersive eXperience Technology Centre (IXTC) is an innovation centre leveraging on emerging technologies to help SP adapts to the radically changing ways learners process information and interact with the world.

IXTC engages in research and development of tools to deliver effective and authentic workplace training with improved learning experiences.

Consultancy Projects

Research & Development

• Virtual Reality Simulation Authoring System
• Augmented Reality Work Support System
• Immersive Environment UI/UX

Please visit our website at https://industry.sp.edu.sg/department-tie/#tie-ixtc
For further information or enquiries about IXTC, Please email us at tie@sp.edu.sg
The Media, Arts & Design School (M.A.D) seeks out collaborative projects that allows it to unleash its creative talents to challenge the status quo, imagine possibilities, turn them into reality, and transform workplaces, communities, and the world.
The Media, Arts & Design School (M.A.D) reverberates with the collaborative synergy of the creative and design courses in Singapore Polytechnic to train a new breed of Business Design Leaders, Lifestyle Creators, Game Designers, and Social Innovators.

Augmented / Virtual / Mixed Reality
Storytelling & Journalism
User Experience Design
Communication Design
Music & Audio
Animation

Please visit our website at https://www.sp.edu.sg/mad
For further information or enquiries about M.A.D, Please email us at contactus@sp.edu.sg.
The Singapore Maritime Academy (SMA) was formed in the year 2000 as a result of the merger of the Maritime Technology and Transportation Department of the Singapore Polytechnic and the National Maritime Academy (NMA) of MPA. Since then, SMA has been making waves in the three areas of maritime education and training – navigation, marine engineering, and maritime transportation management.
The Singapore Maritime Academy (SMA) is a one stop centre for the development and training of maritime and offshore professionals.

The Centre for Maritime Safety will be the regional focal point for the research on safe and efficient operation of maritime and offshore sectors.

Competency Training And Certification On STCW

Safe and efficient operation of shore based and shipboard power plant

Port Operation Training

Enhanced Training Using VR technology

Please visit our website at www.sp.edu.sg/sma/about-sma
For further information or enquiries about SMA, please email us at contactus@sp.edu.sg
A vital resource to the students and alumni of Singapore Polytechnic and its partners around the Asia region, SPINOFF champions the spirit of entrepreneurship and innovation. At SPINOFF, we challenge our students to dream big and find solutions to global challenges that could provide value to stakeholders and do good for the community on the whole. We provide complete support to our students and alumni so that they can ideate, iterate and innovate in-order to turn their ideas into successful startups.
Entrepreneurship Centre is a gateway to entrepreneurship development and fostering growth of start-ups. It plays a vital role in connecting talents to resources by working closely with government agencies, VCs, private investors and industry mentors to promote entrepreneurship.

For further enquiries, please email us at spinoff@sp.edu.sg
Build a Culture of Innovation

Formed in 2014, User Experience Centre (UXC) is a collective of four Design Thinking units started since 2010 when Singapore Polytechnic (SP) first introduced user-centric design in the organization. UXC also provides opportunities for SP staff and students to integrate classroom learning with real-life applications for real-world users and clients.
The User Experience Centre (UXC) is the design and innovation consultancy of Singapore Polytechnic (SP). We provide user-centric design solutions and training programmes to help build a culture of innovation. The dynamic, multidisciplinary team at UXC helps our partners to resolve complex issues using our design process.

Please visit our website at https://industry.sp.edu.sg/user-experience-centre

For further information or enquiries about UXC, Please email us at enterprise@sp.edu.sg.