

# Developing Future Professionals

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## Future trend



Professions at risk?



Professions to be sought after?

**AUTOMATION**



Productivity

Repeatability

System

Control

Precision

## Professions may be at risk for the next 10-20 years

- Accountants
- Bankers
- Drivers and pilots
- Legal Assistants
- Librarians
- Newspaper Reporters
- Telemarketers
- Translators



## Impact on Higher Education

Will we still offer these programmes 10 or 20 years after?

- Accounting?
- Banking?
- Library Science?
- Journalism?
- Translation?



## Decoding our future needs



### Regular Reviews

- Manpower Survey
- Advisory Committee
- Graduate Employment Survey



### Update of Programme

- Revamp programmes
- Sunset outdated programmes
- Launch new programmes

## Skills/Qualities for tomorrow





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Case Study 1-

# Medical Laboratory Technologist

\*Granted over 40M by the Enhancement and Start-up Grant  
Scheme of the Education Bureau (EDB)

# Medical Laboratory Technologist @ HKMU



Rising needs for  
healthcare  
professionals



Yearly shortage  
of over 300 MLTs



Require in post-  
pandemic era

## To develop a BSc (Hons) in Medical Laboratory Science-

- Social responsibility, University's strategic plan
- Resource intensive (sought for external support, e.g government)
- Appoint practitioners as professors of practice/advisors





***What other  
professionals are  
needed for the future?***



# New pedagogy for developing future professionals?



1. Flexible admission
2. Student-centered, personalized approach
3. Project-based approach
4. More practicum for technical skills
5. Industrial attachment



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Case Study 2-

# Applied Degree Programme

\*Under the Pilot Project of Applied Degree Programme  
launched by the Education Bureau (EDB)



# Applied Degree @ HKMU

## Flexible admission

Recognition of Prior Learning (RPL) holders

Year 1 entry for QF Level 3 holders

HKDSE holders

Senior year entry for Sub-degree holders

Recognition of Applied Learning (ApL) subjects

Hop in and out (sandwich programme)

**Applied Degree**

## Applied Degree @ HKMU

### Industrial partnership

- Serve as advisor
- Provide internships
- Provide career opportunities
- Co-teach technical courses
- Provide updated industrial information



## Applied Degree @ HKMU



### Other curriculum updates

- Laboratory intensive programme
- Project-based teaching and learning activities
- Skill-based / project based assessment
- Workplace project



### More student support

- Detection of at-risk students
- Academic advising
- Career-planning

## Programme for professionals?

- Mini- / micro- credentials for degree holders
- Life-long learning
- Flexible & personalized

