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# REDEFINING ENGINEERING

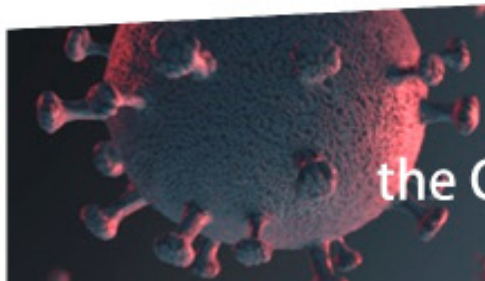


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Special topic:  
**E-Learning, COVID-19,  
the Challenges and Way Forward**



# welcome

## COLLEGE OF ENGINEERING

### BULLETIN TEAM

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# Teaching and Learning Activities

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College of Engineering provides enormous possibilities and choice to students who want to study Engineering with different fields of undergraduate, Masters by Course and Research in all fields of speciality. Equipped with excellent laboratory setups, the college is ready to provide the best education and opportunities to students according to their interests and talents. UMP open registration system allows our students to choose their courses according to their plan. Besides the basic engineering courses, students are trained in soft skills, languages and arts which help students to become all rounded future leaders in their respective community. We have strategic collaboration with other peer institutions and industries to help achieving excellence in teaching and learning activities.

The Covid-19 pandemic has engulfed and affected universities worldwide including UMP. Thus, it is necessary for the College of Engineering management to make decisions based on the latest development of the pandemic to ensure its academic activities meet the learning outcomes with high quality standard. Since the outbreak of the Covid-19, UMP has committed to comply all rules and regulations set by the Malaysian National Security Council (MKN) and the Ministry of Health (KKM) to break the Covid-19 chain. College of Engineering has taken several measures in accordance with the decisions by UMP including conducting online teaching and learning (T&L). There are two major components in online T&L namely, synchronous and asynchronous activities (Figure below). Synchronous refers to teaching and learning that occur in real-time (involving lecturer and students together) while asynchronous activities refer to teaching and learning that occur not in real-time (involving students ONLY). They can take place not only in different locations but also at different times.



(Source: CIReL UMP)