



# **Fundamental technologies shaping legal services: Understand the technologies driving the business of law**

Take as a standalone subject – or as part of  
the Master of Legal Business.

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 **Legal Business  
Management**  
The College of Law

# Too big to ignore: Emerging technologies changing the legal industry



## Discover the emerging technologies your organisation needs to stay relevant in a digital age.

Our industry needs to face realities – new technologies are reducing a lot of jobs in the legal services sector. And it's only early days. Economic forecasters believe around 100,000 legal roles will be automated by 2036.

But, it's not all bad news. In fact, there is some very, very good news for those who are willing to upskill and stay relevant in the evolving legal industry.

Legal services will still need a human touch – new technologies only augment the work of the person using them. This means new types of jobs are being created, with emerging technologies taking out the tedious 'grunt' work and freeing up time for higher level tasks.

This subject will help you future-proof your role and teach you how to incorporate new technologies – including cloud systems, artificial intelligence, and blockchain – into your organisation.

1

Learn from industry leaders

2

Complete in 6 weeks

3

Study 100% online

4

Earn CPD points

5

Gain credit towards an award qualification or take as a single subject with the option of completing assessment

## Your teachers



### Teaching Fellow: Michelle Mahoney

Michelle is an intrapreneur with a robust global network – and a track record for business transformation, first-to-market initiatives and technology optimisation.

As the Executive Director of King & Wood Mallesons, Michelle is a legal technologist who creates innovation strategies. Her role incorporates legal design, digital strategy, thought-leadership and AI.

Michelle holds many qualifications and accreditations, including Associate Fellow of AIM and Six Sigma Black Belt. She was one of the first Australians inducted internationally as a Fellow of The College of Law and Practice Management – and has received the ILTA Distinguished Peer Award.



### Teaching Advisor: George Beaton

Dr George Beaton is renowned for his insights on the challenges and opportunities facing leaders and their organisations – particularly in legal services.

A trusted advisor and consultant for over 30 years, Dr George works closely with business schools, law schools, professional services firms, universities and government organisations.

He has made impact around the world, including Australia, New Zealand, Asia, USA, Canada and the UK.

# What you need to know



## Why study this subject?

This 6-week subject will equip you with in-depth knowledge on the major technologies disrupting the way lawyers work.

You will learn the skills that legal teams need to survive our digital future.



## Who is it designed for?

Do you want to set off a wave of change and bring in new technologies and ways of thinking into your organisation? If so, this is the subject for you.

People who take this subject are typically:

- Working in private practice
- In-house counsel
- General and functional specialist managers
- Working in the courts
- Barristers



## Learning outcomes

When you complete this subject, you will be able to:

1. Describe the building blocks of the legal technologies that are shaping the delivery of legal services
2. Map the many applications of information processing in legal services against technologies used
3. Hypothesise future applications of known technologies
4. Critically analyse the impact and technological limits of platforms in the delivery of legal services
5. Explain the core features and benefits of blockchain and its applications in legal services
6. Assess the rationale for and challenges of the technologies on which Lawtech and Regtech startups are based



## Duration, delivery & assessment

- Five online modules: You will engage in self-paced study including practical activities, discussion forums, case study analyses and presentations.
- A 30-minute online conference: Taking place in Week 1.
- An online progress conference: Taking place in week 4.
- Three assessments: three individual assignments worth 20%, 30% and 50%.



## How you will learn

The online component is delivered via the College's learning portal – CANVAS. From this portal, you will be able to:

- Access all your study materials
- Complete activities and submit assessments
- Watch relevant and engaging videos
- Engage with your Teaching Fellow and other students



## Study load

We recommend that you allow up to 10 hours a week for self-directed online learning and activities.

You will also need to devote around an additional 40 hours throughout the subject for workshops, assessment tasks and preparation



## Subject fee

The subject fee is AU\$3,000.

FEE-HELP may be available if you take this subject as part of one of our award programs, including the Master of Legal Business, Graduate Diploma of Legal Business or Graduate Certificate of Legal Business.

Check your eligibility at [studyassist.gov.au](http://studyassist.gov.au).



## How to enrol

Visit [info.collaw.edu.au/mlb/how-to-enrol](http://info.collaw.edu.au/mlb/how-to-enrol).

For award and non-award study entry requirements and intake dates visit [info.collaw.edu.au](http://info.collaw.edu.au).

# What you will learn: week by week

## Module 1: Legal industry disruption

- Subject overview and presentation by Teaching Fellow
  - Identify and analyse the relevance to legal services of major technology milestones since the 1940s
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## Module 2: Building blocks

- Explain the logic underlying the taxonomy of legal technologies
- Describe the key components of ITC infrastructure
- Explain why the ubiquity and growth of cloud storage and computation are significant in legal services
- Hypothesise future applications of known technologies
- Distinguish digitalisation from digitisation and explain why this distinction is important in legal services
- Discuss methods to test and learn with new technologies within incumbent organisations

## Individual assignment

A blogpost on the technology having the most impact on the legal profession

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## Module 3: Information processing

- Describe how different types of information are gathered, stored, analysed and shared electronically
  - Analyse related trends in the electronic gathering, storage, analysis and sharing of information
  - Explain the difference between structured and unstructured data and the relevance of the difference
  - Explain the principles of data security management as a set of standards and technologies designed to protect data from intentional or accidental destruction, modification or disclosure
  - Map the many applications of information processing in legal services – including databases, computer-assisted review, predictive coding, knowledge management, e-discovery, e-billing, billing, time management, human resource, marketing and client relations functions, legal research – against the technologies used – including open source technologies like labelling, OCRing, natural language processing which support data categorising and analysis
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## Module 4: Platforms and blockchain

- Analyse and evaluate the impact and technological limits of platforms in the delivery of B2C and B2B legal services
- Evaluate the potential of platform technologies to enhance the productivity of legal organisations
- Explain the core features and benefits of blockchain and its applications in legal services
- Explain the key features of smart contracts
- Analyse the current and future potential of blockchain technology in legal services

## Individual assignment

Report identifying an area of your legal services business that could be improved by implementing new technology

## Online conference

- Teaching Fellow presentation
  - Group discussion
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## Module 5: Lawtech and Regtech startups

- Analyse the rationale for the technologies that the featured startups are built on
  - Evaluate the possible technological challenges faced by the startups and the options for overcoming them
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## Individual assignment

Pitch for a Lawtech or Regtech technology-based startup



**How to learn more  
about this subject**

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