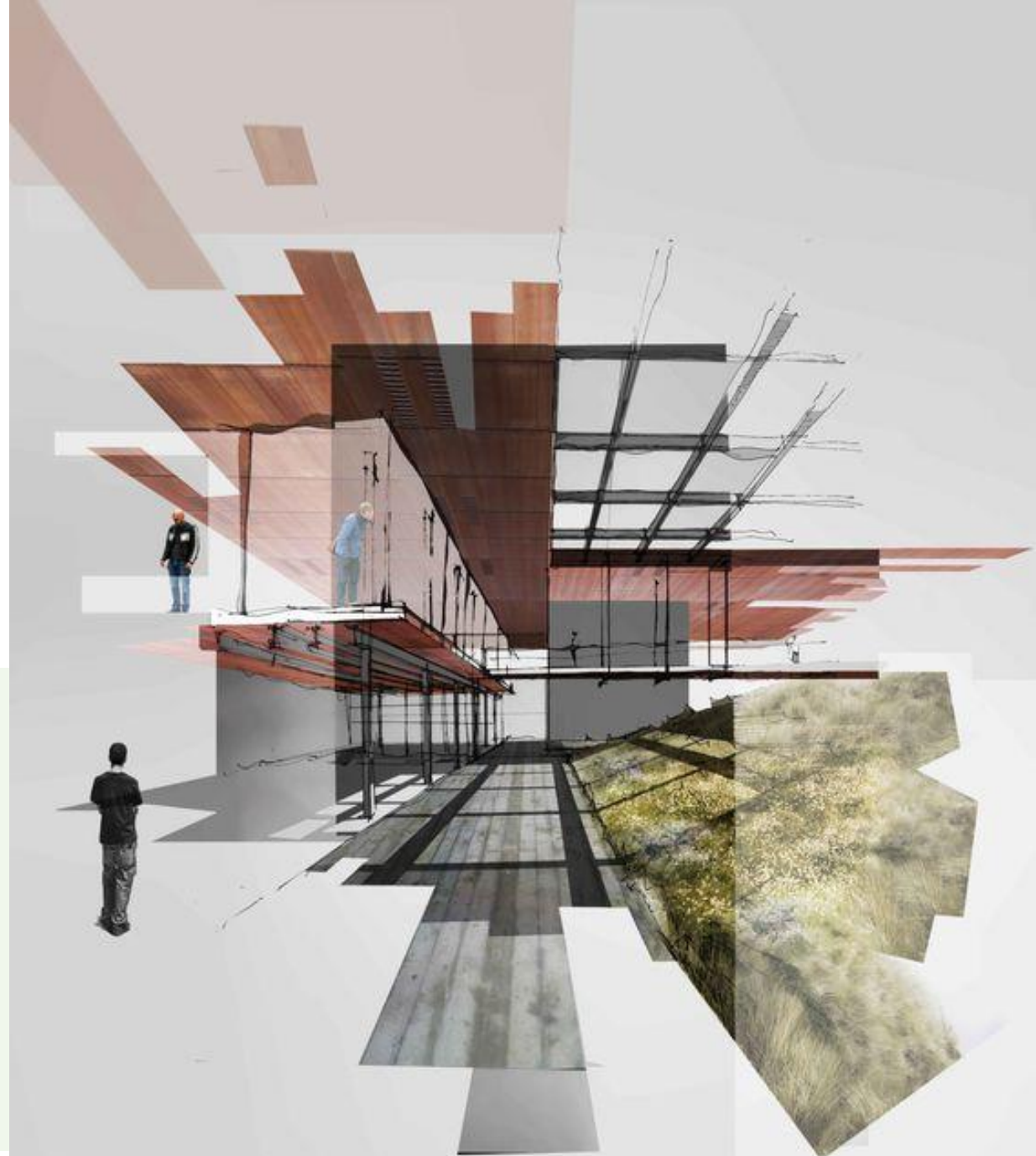


# Pengantar Arsitektur

Week-13



<https://id.pinterest.com/pin/460141286910090002/>



# SARJANA ARSITEKTUR

# 37 Kriteria Lulusan Pendidikan Arsitektur (5 tahun) dengan 3 Jenjang Pencapaian (UIA/IAI)

ABILITY	UNDERSTANDING	AWARENESS
<ul style="list-style-type: none"> <li>• <i>verbal</i></li> <li>• <i>graphic</i></li> <li>• <i>research</i></li> <li>• <i>critical thinking</i></li> <li>• <i>fundamental design</i></li> <li>• <i>collaborative</i></li> <li>• <i>history and precedent</i></li> <li>• <i>accessibility</i></li> <li>• <i>site condition</i></li> <li>• <i>building systems integration</i></li> <li>• <i>legal responsibilities</i></li> <li>• <i>building code compliance</i></li> <li>• <i>building materials and assemblies</i></li> <li>• <i>detailed design development</i></li> <li>• <i>graphic documentation</i></li> <li>• <i>comprehensive design</i></li> <li>• <i>program preparation</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>national and regional traditions</i></li> <li>• <i>non-western / eastern traditions</i></li> <li>• <i>environmental conservation</i></li> <li>• <i>formal ordering systems</i></li> <li>• <i>structural systems</i></li> <li>• <i>building life-safety systems</i></li> <li>• <i>building envelope systems</i></li> <li>• <i>building environmental systems</i></li> <li>• <i>building service systems</i></li> <li>• <i>past and present conditions for architecture</i></li> <li>• <i>professional internship</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>human behavior</i></li> <li>• <i>human diversity</i></li> <li>• <i>western traditions</i></li> <li>• <i>building economics and cost control</i></li> <li>• <i>the legal context of architecture practice</i></li> <li>• <i>practice organization and management</i></li> <li>• <i>contracts and documentation</i></li> <li>• <i>breadth of the architect's role</i></li> <li>• <i>ethics and professional judgment</i></li> </ul>

# 13 Kualifikasi Dasar (kompetensi) untuk Registrasi/Lisensi/Sertifikasi Arsitek (UIA / IAI)

ABILITY	UNDERSTANDING	KNOWLEDGE
<ul style="list-style-type: none"> <li>• Ability to create architectural designs that satisfy both aesthetic and technical requirement, and which aim to be environmentally sustainable.</li> <li>• Necessary design skills to meet building users requirements within the constraints imposed by cost factors and building regulations.</li> </ul>	<ul style="list-style-type: none"> <li>• Understanding of the relationship between people and buildings and between buildings and their environments, and of the need to relate spaces between them to human needs and scale.</li> <li>• Understanding of the profession of architecture and the role of architects in society, in particular in preparing briefs that account for social factors.</li> <li>• Understanding of the methods of investigation and preparation of the brief for a design project.</li> <li>• Understanding of the structural design, construction and engineering problems associated with building design.</li> </ul>	<ul style="list-style-type: none"> <li>• An adequate knowledge of the means of achieving environmentally sustainable design.</li> <li>• Adequate knowledge of the history and theories of architecture and related arts, technologies and human sciences.</li> <li>• Knowledge of the fine arts as an influence on the quality of architectural design.</li> <li>• Adequate knowledge of urban design, planning and the skills involved in the planning process.</li> <li>• Adequate knowledge of physical problems and technologies and of the function of buildings so as to provide them with internal conditions of comfort and protection against climate.</li> <li>• Adequate knowledge of the industries, organizations, regulations and procedures involved in translating design concepts into buildings and integrating plans into overall planning.</li> <li>• Adequate knowledge of project financing, project management and cost control.</li> </ul>

# Apa saja yang bisa dilakukan oleh seorang **F r e s h   G r a d u a t e ?**

- **Konsultan Perencana & Pembangun**
  - Portofolio (kumpulan karya, terutama karya kreatif dari pelamar, bisa karya ketika masih berstatus mahasiswa)
  - Kemampuan mengoperasikan piranti lunak (seperti CAD dan program 3D)
  - Keterampilan sketsa tangan (nilai tambah bagi pelamar)
- ***Freelance (drafter)***

# Bagaimana langkah menjadi **Arsitek Profesional?**

## **Skema 1**

- S1 → 4 tahun
- Magang → 2 tahun
- Registrasi IAI
- Arsitek Pratama

## **Skema 2**

- S1 → 4 tahun
- PPArs → 1 tahun
- Magang → 2 tahun
- Registrasi IAI
- Arsitek Madya

# Bagaimana seharusnya sikap **Arsitek Profesional?**

Melayani kepentingan masyarakat luas & memperhatikan lingkungan binaan

Menjadi perantara untuk menangkap keinginan klien dalam mewujudkan produk rancang, sekaligus penasihat

Memegang teguh prinsip etika (standar tata laku)

Memiliki kemampuan meng-exposure dirinya, serta dilengkapi dengan aspek-aspek pendukung semacam persyaratan legal formal dalam bentuk sertifikasi keahlian dari asosiasi arsitek (IAI)

Selalu berkarya mempersembahkan yang terbaik dan tidak cepat puas