Athabasca University
CANADA'S OPEN UNIVERSITY

TEKRI
Athabasca University
Technology Enhanced Knowledge
Research Institute

Self-paced and Social

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Athabasca University

CANADA'S OPEN UNIVERSITY

Formed 1970

Distance-only

In the middle of nowhere

-40°C=-40°F

Highly distributed faculty

Self-paced

- Any time, any place
- No cohorts
- No schedules
- 6 months to finish from the start date

Production lines

Once upon a time...

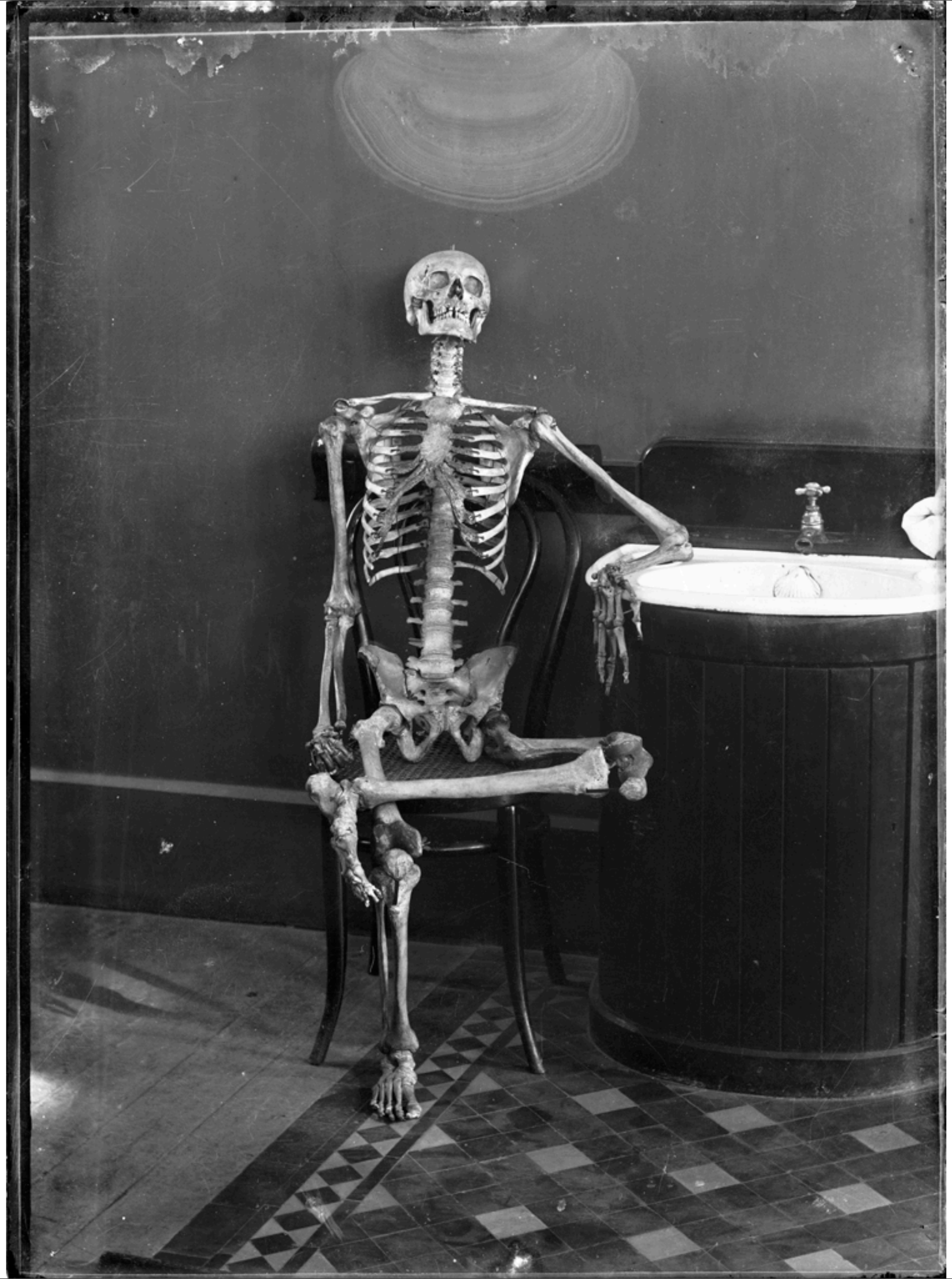
text-book wraparound

formal assignments, based on a book

formative quizzes

problem-solving forum

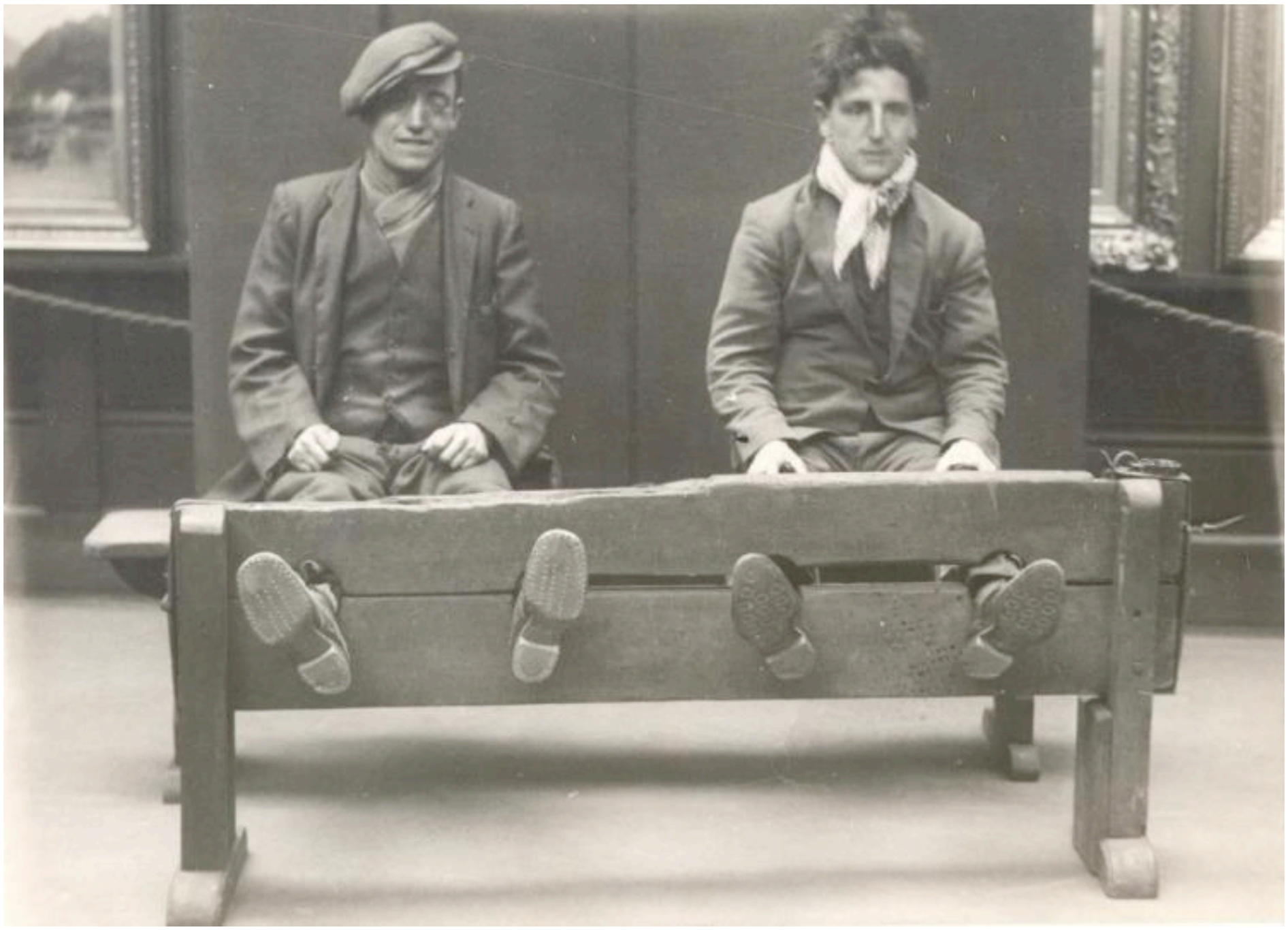
in-person proctored examinations



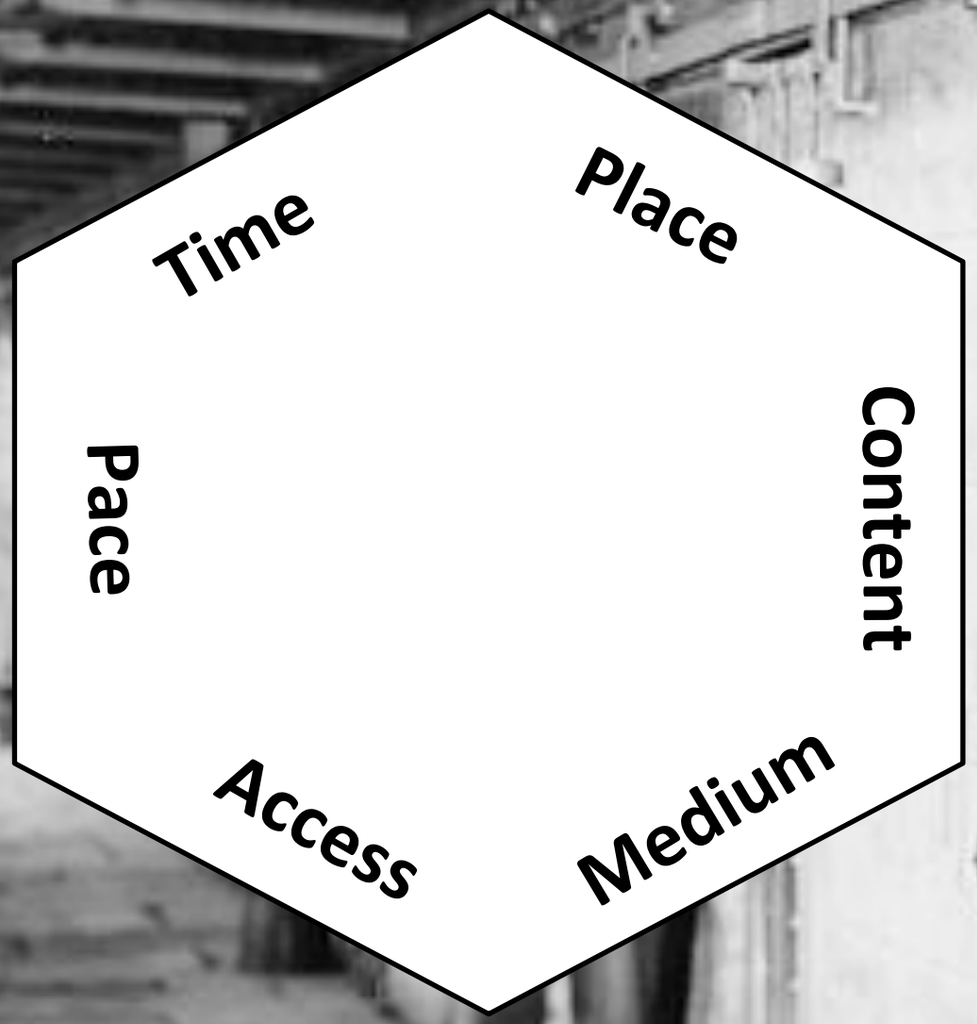
Problems

- sociability vs control
- inflexibility
- cheating
- teaching programming
- motivation
- authenticity

not well-loved

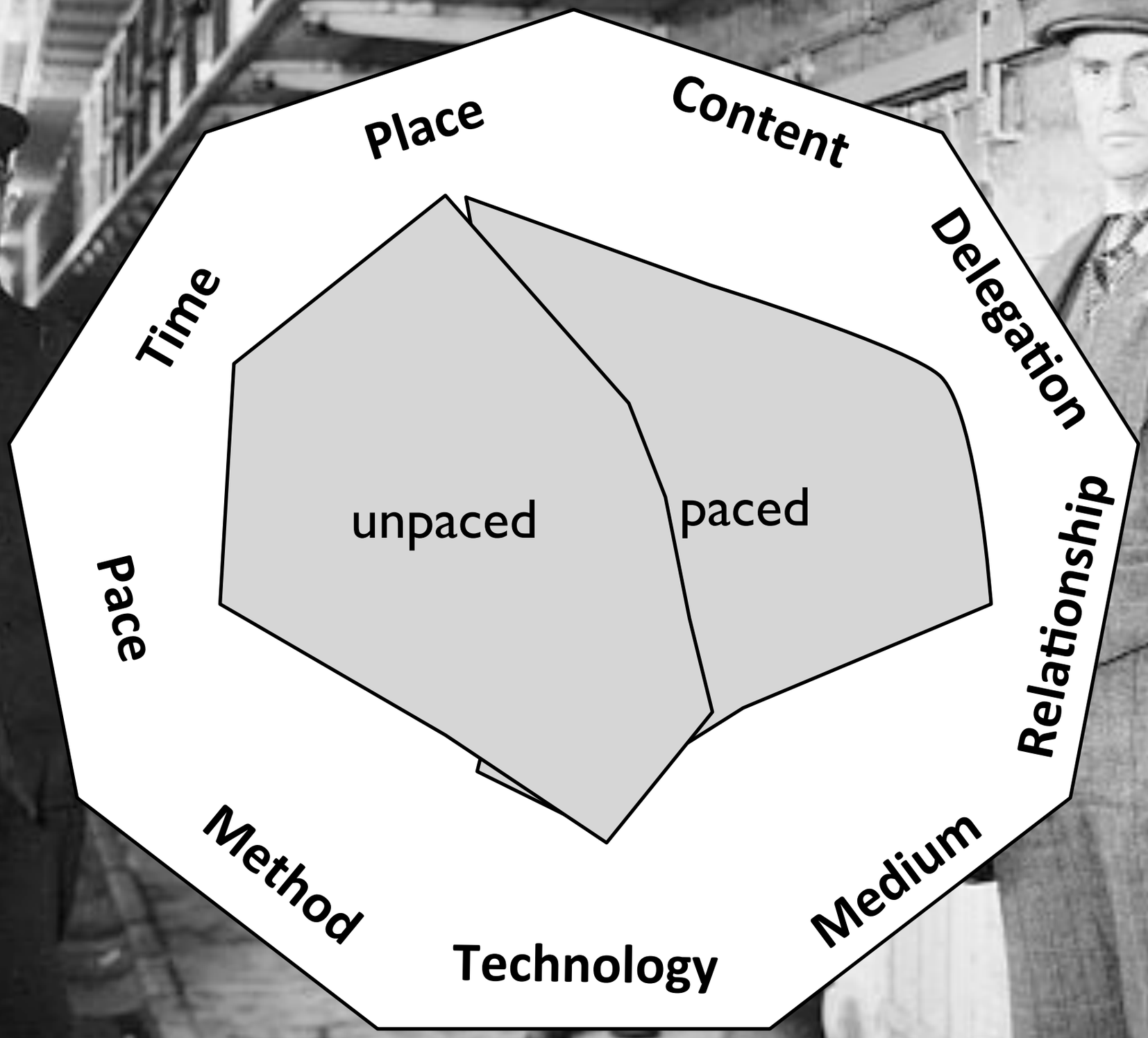


6 cooperative freedoms



http://www.slideshare.net/moutta/cooperative-freedom-simple-approach

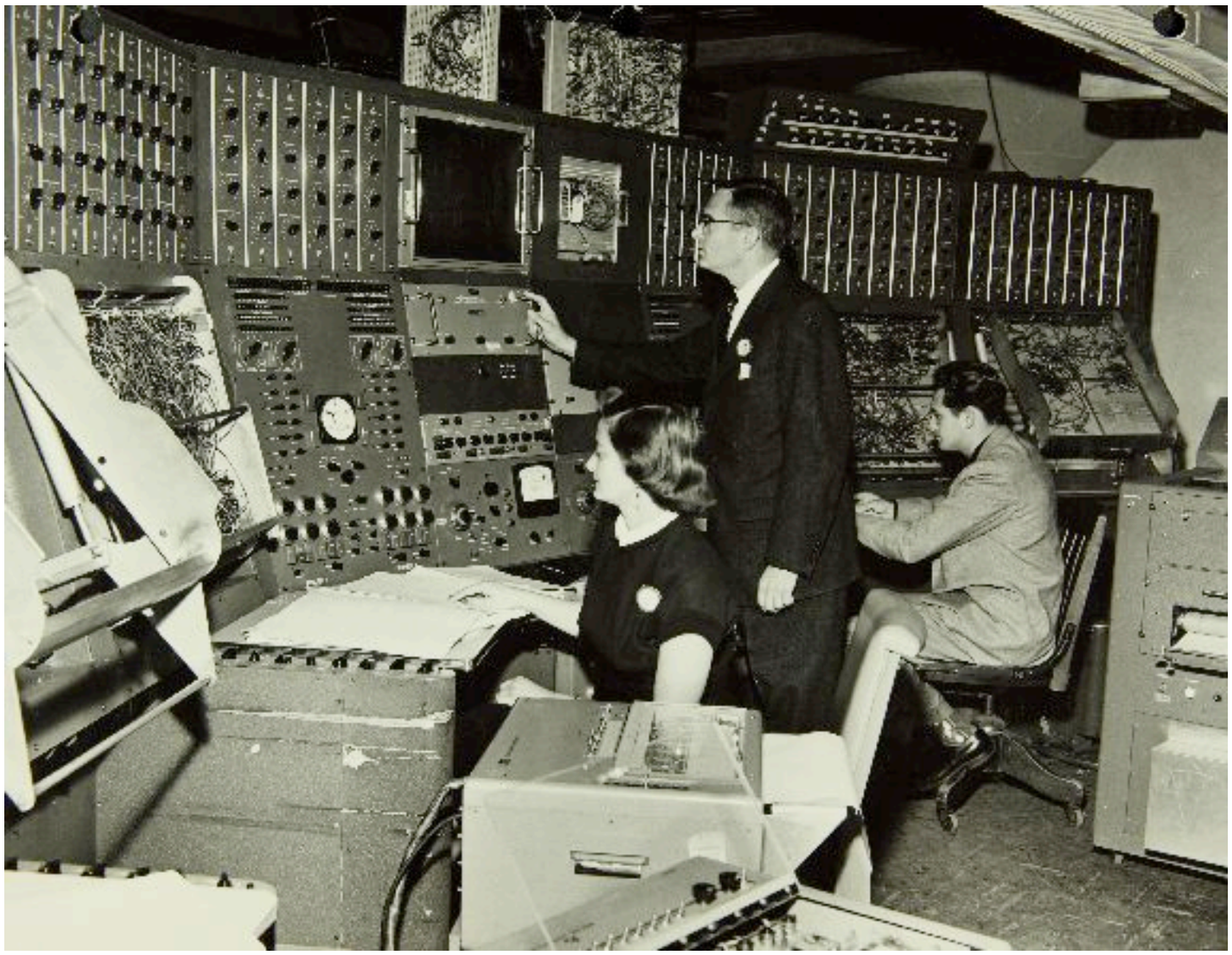
9 cooperative freedoms



inflexibility

cheats

programming



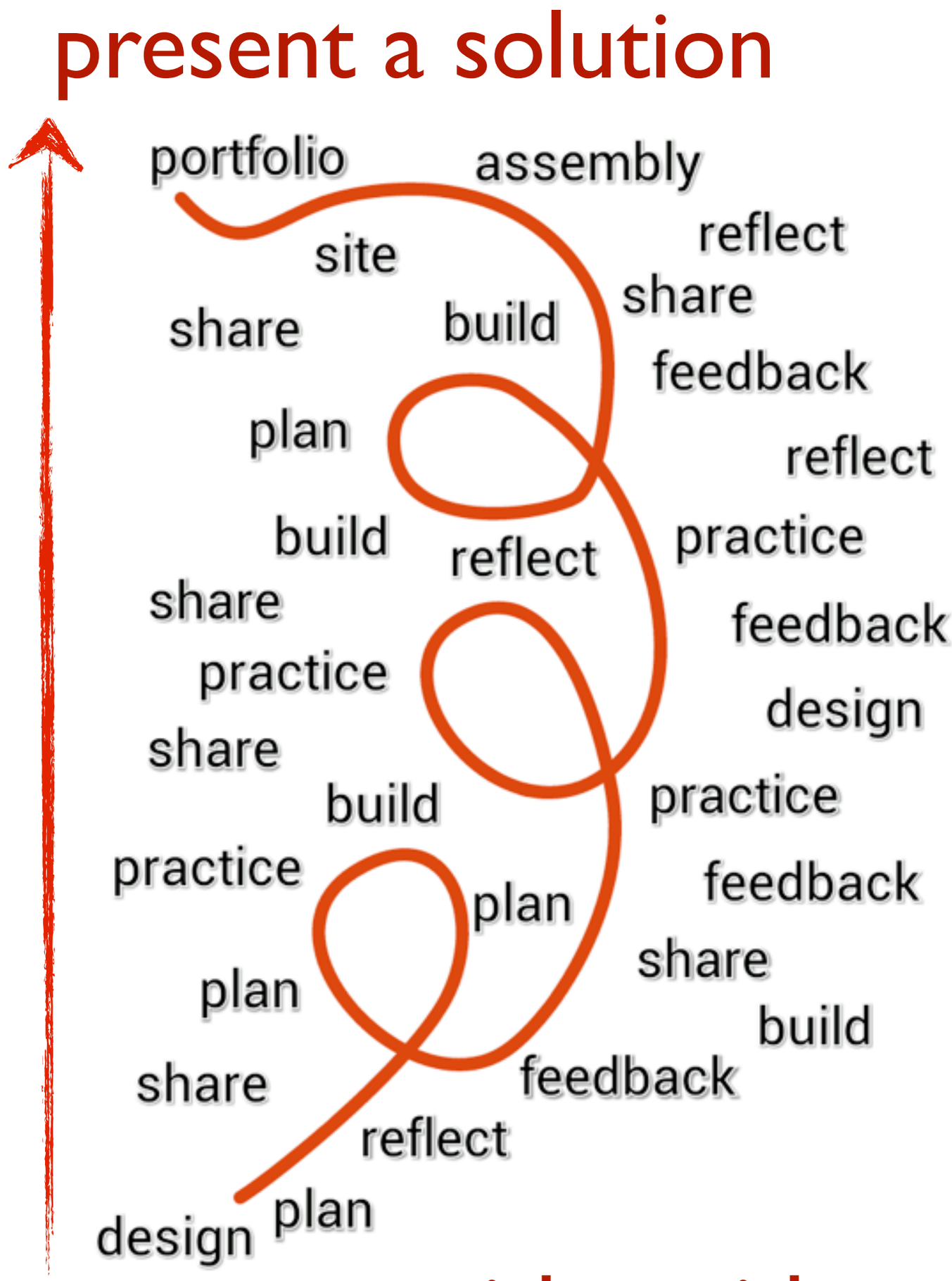
motivation

(Ryan & Deci Self-determination Theory)

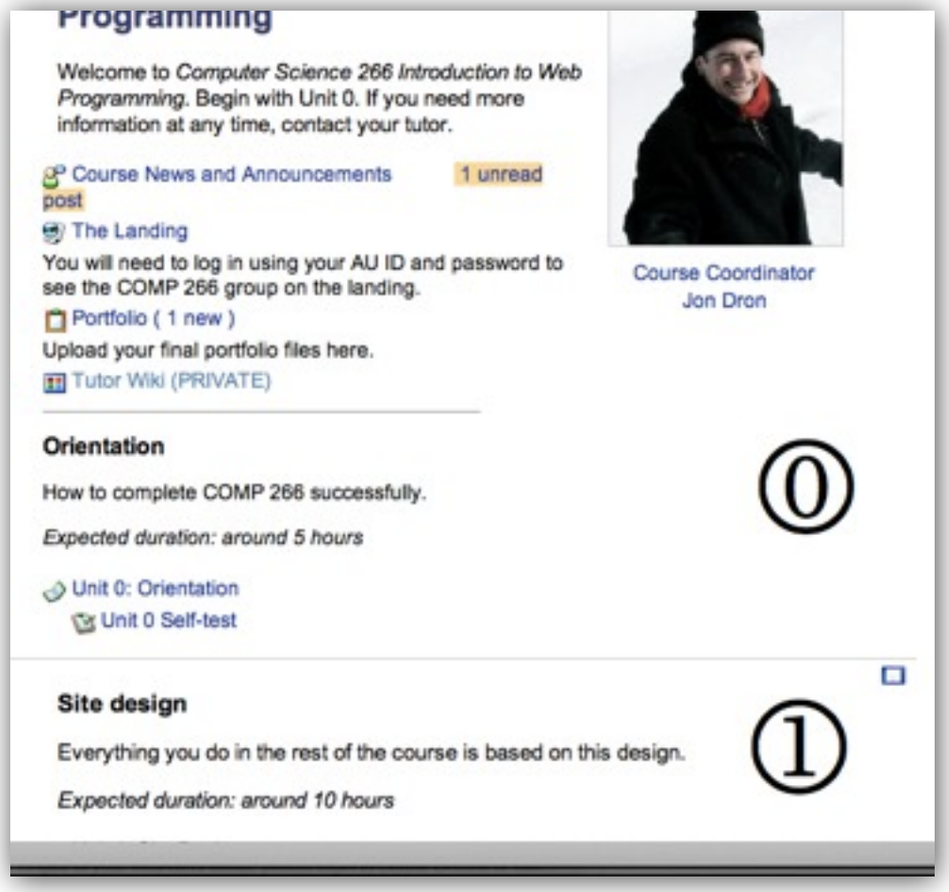
Nouveau

Process

- single artefact, always unique
- incremental, iterative
- OERs and brief intros
- constructionist approach
- plentiful practice
- reflections
- cooperation



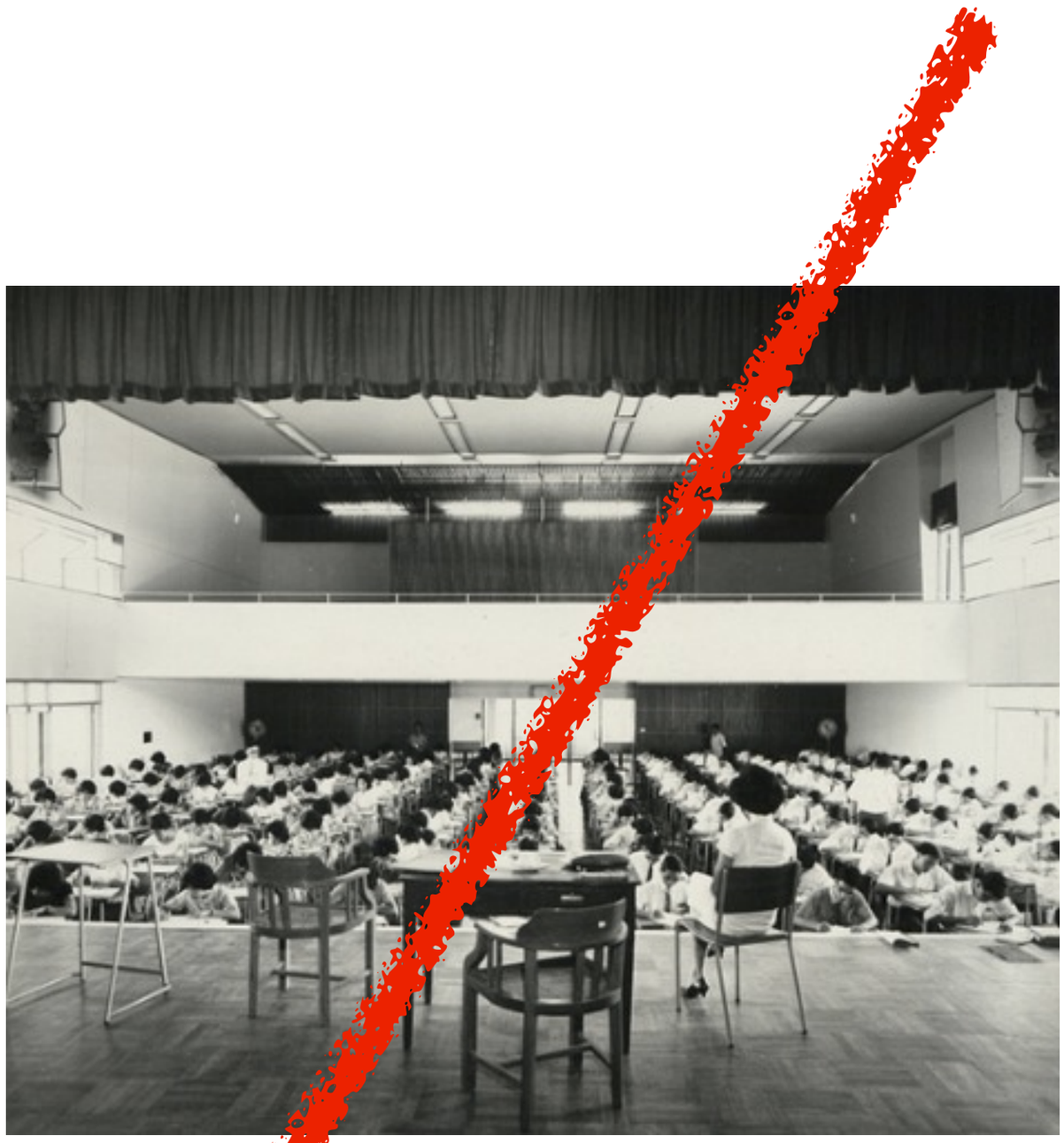
Moodle + Elgg


Programming
Welcome to Computer Science 266 Introduction to Web Programming. Begin with Unit 0. If you need more information at any time, contact your tutor.
Course News and Announcements
1 unread post
The Landing
You will need to log in using your AU ID and password to see the COMP 266 group on the landing.
Portfolio (1 new)
Upload your final portfolio files here.
Tutor Wiki (PRIVATE)
Course Coordinator
Jon Dron
Orientation
How to complete COMP 266 successfully.
Expected duration: around 5 hours
0
Unit 0: Orientation
Unit 0 Self-test
Site design
Everything you do in the rest of the course is based on this design.
Expected duration: around 10 hours
1

My Dashboard
My Profile
Tools
Account
Groups > COMP 266
COMP 266
Invite users
Edit group
3712 Views
Description:
A closed group to support the SCIS course, COMP 266, Introduction to Web Programming. If you are a student of COMP 266 (revision 3) please request membership to join this group.
Brief description: COMP 266: Introduction to Web Programming
Tags:
comp 266, comp266, web programming, html, css, jquery, javascript, ajax, programming, web
Owner: Jon Dron
Group members: 66
Closed group
Website:
http://scis.lms.athabascau.ca/course/view.php?id=310
Add widgets
Welcome to the COMP 266 group
Where to now?
Check out the group bookmarks for resources to help with HTML, CSS, JavaScript, JQuery, AJAX, and site design
Check out the FAQs for answers to common problems
Use the discussion forum to ask for and to give help
Write your reflections in the group blog
Don't forget to fill in the details for your profile, at least including an image to represent yourself.
Use the COMP 266 Moodle site as the definitive guide to the course process and a source of lots more information
Forum Topics
69 Views
Javascript Code in HTML giving
Group wikis
Add wiki
Accessing your web space at AU
COMP 266
COMP 266: Introduction to Web Programming
Closed group
Group activity
Group blog
Group bookmarks
Group discussion
Group files
Group polls
Group wikis
Mail Members
Manage join requests [2]
Edit Group Appearance
Search in this group
Go
Group admins
Group members
View all members

assessment

- portfolio assembly
- reflective diaries
- formative stop-points
- self-test exercises
- mapped outcomes



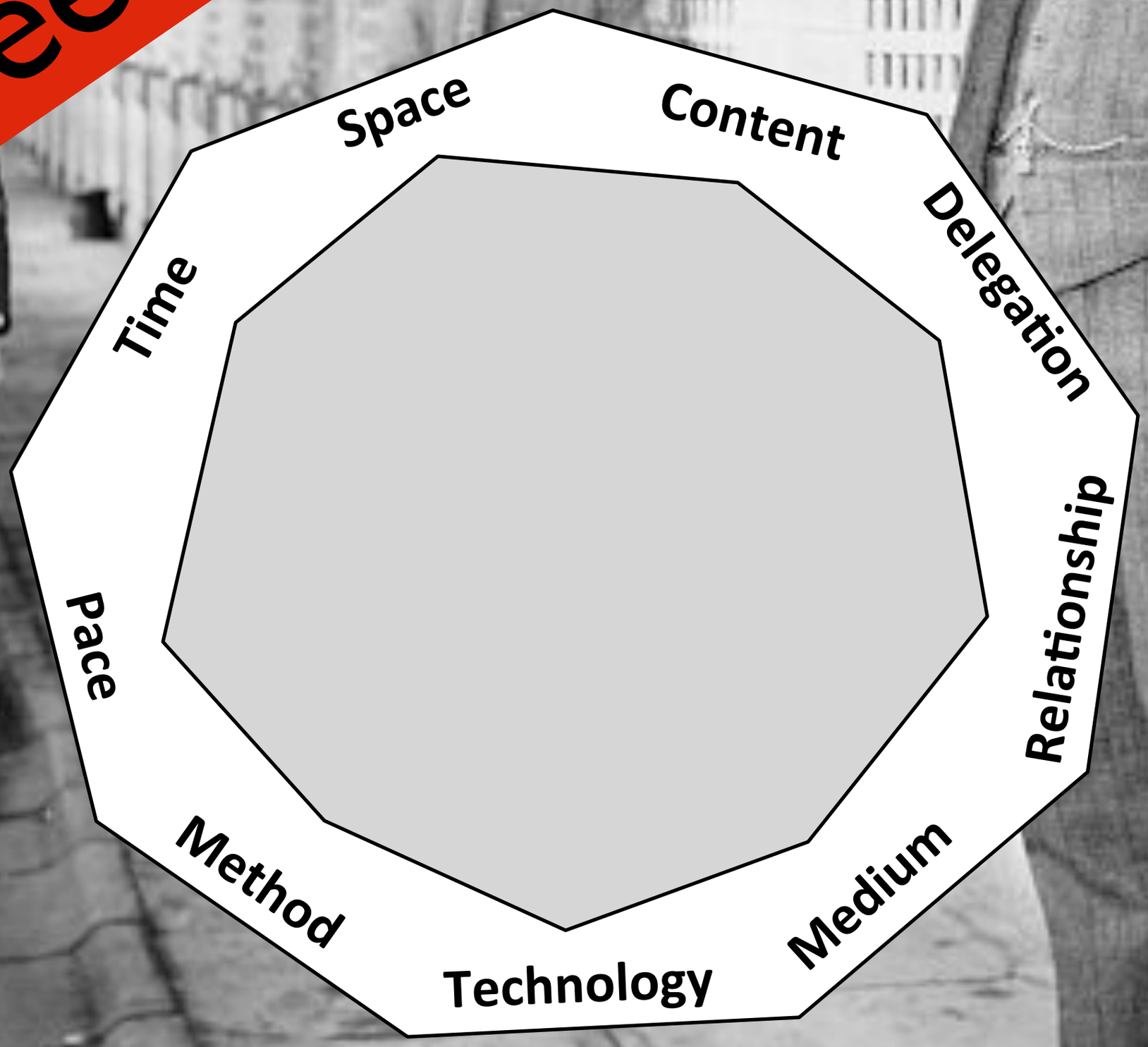
grades for outcomes

- No assessed assignments
- Grades for evidence each intended competence
- any evidence will do - problem solving, bookmark sharing, hints shared, whatever

stopping cheating

- Reactive
  - cartoon eyes
  - incremental artefact building
  - valorize copying
  - stop-points
  - many eyes
  - making cheating expensive
- Preventative
  - tracking
  - many eyes
  - automated tools
  - server logs

Cooperative freedoms

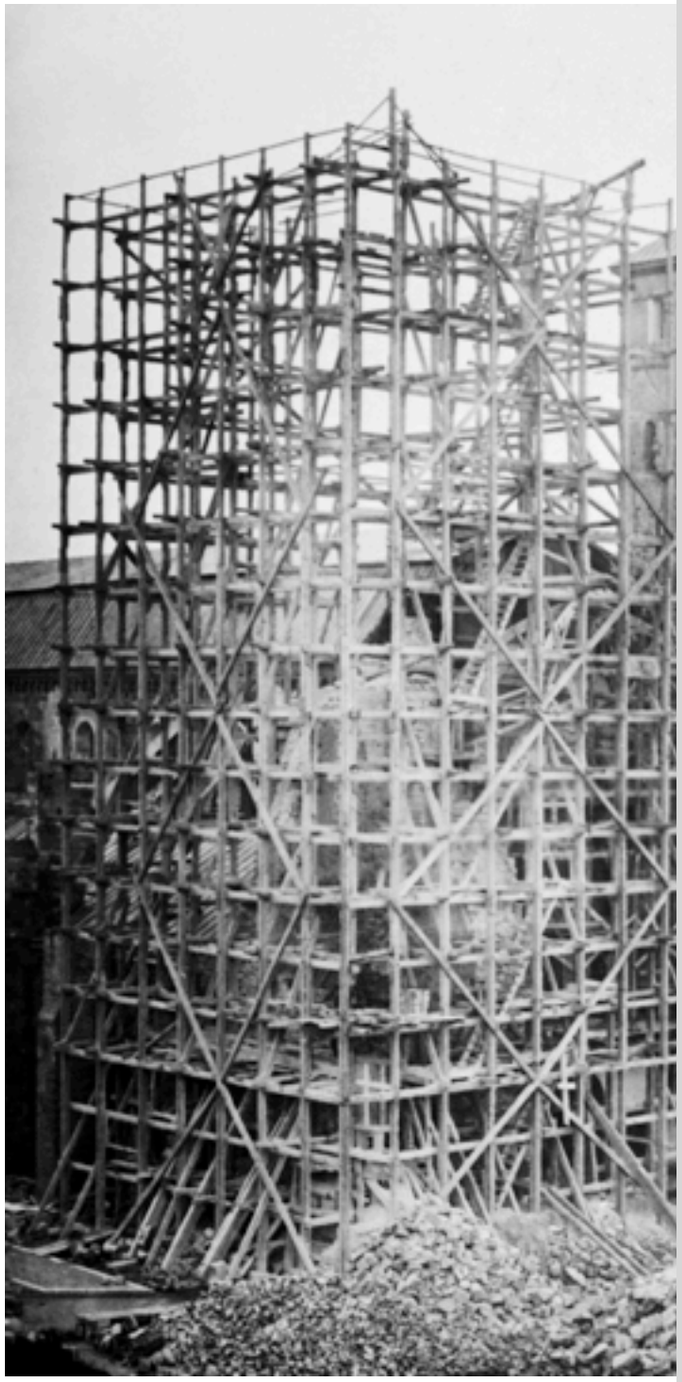


it works...

"I find that this is a perfect way to teach a course on web programming. It makes the course more interesting and engaging for students."

but...

some problems



usability

scaffolding

novelty

tutor

engagement

scalability

merci

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