

AI in Culutre and Arts - tech crash course

Description of the module

Téo Sanchez, Benedikt Zönnchen, Helena Held, Esther Fee-Feichtner

23rd of April 2024

I. What is AICA ?

II. Course content

III. Course schedule

IV. Evaluation

I. What is AICA ?

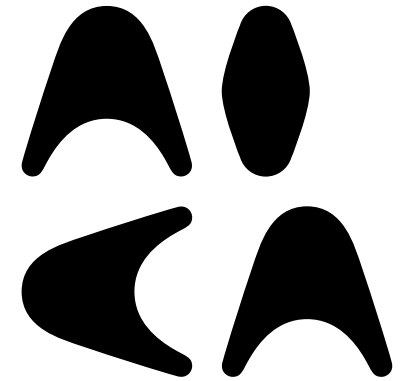
II. Course content

III. Course schedule

IV. Evaluation

I. What is AICA ?

Digitalization college



AI in Culture and Art
BIDT Digitalisierungskolleg

bidt Bayerisches Forschungsinstitut
für Digitale Transformation

EIN INSTITUT DER BAYERISCHEN AKADEMIE DER WISSENSCHAFTEN

Inclusive approach to digitalization

Interdisciplinarity

Project-based approach

<https://aica-wavelab.github.io/>

I. What is AICA ?

II. Course content

III. Course schedule

IV. Evaluation

3 blocks

Block 1: Introductions, tutorials, and applications to **images**

Analyze the curation of the MoMA
Predict museum visitors in Bristol
Image classification of museum artefacts

Block 2: applications to **music**

Train a mapping from gesture to sound
Generate melodies with machine learning

Block 3: applications to **text/multimodality**

Analyze museum archives
Analyze artists' biographies

II. Course content

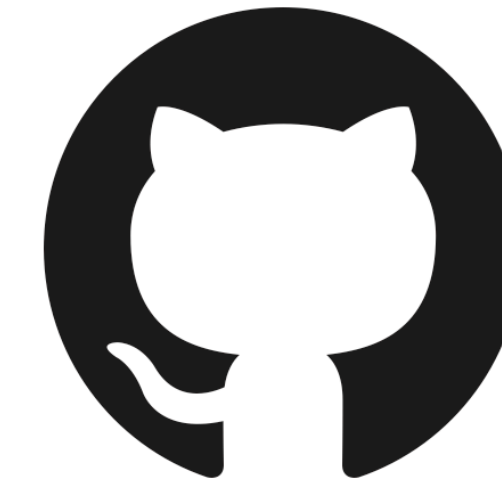
Content progressively added on:



Course website

News and announcements
Practical infos
Relevant links

<https://aica-wavelab.github.io/tech-crash-course/>



Github repo

Source code
Tutorials
Assignments

<https://github.com/aica-wavelab/aica-assignments>

I. What is AICA ?

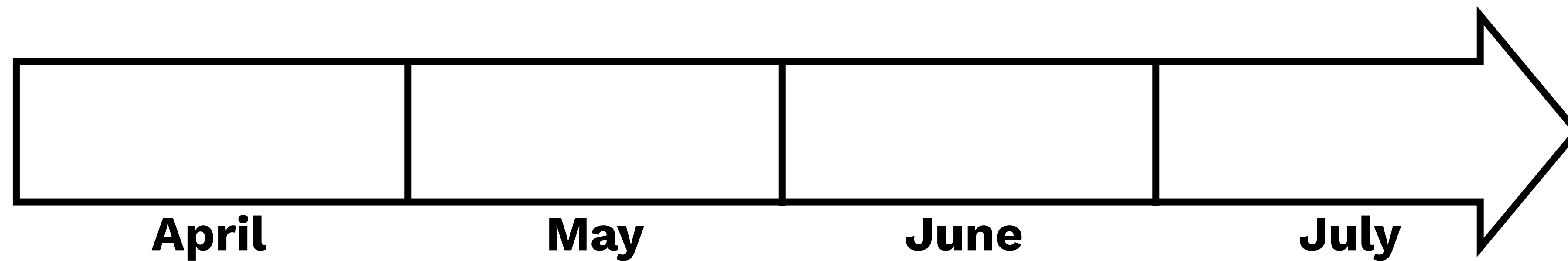
II. Course content

III. Course schedule

IV. Evaluation

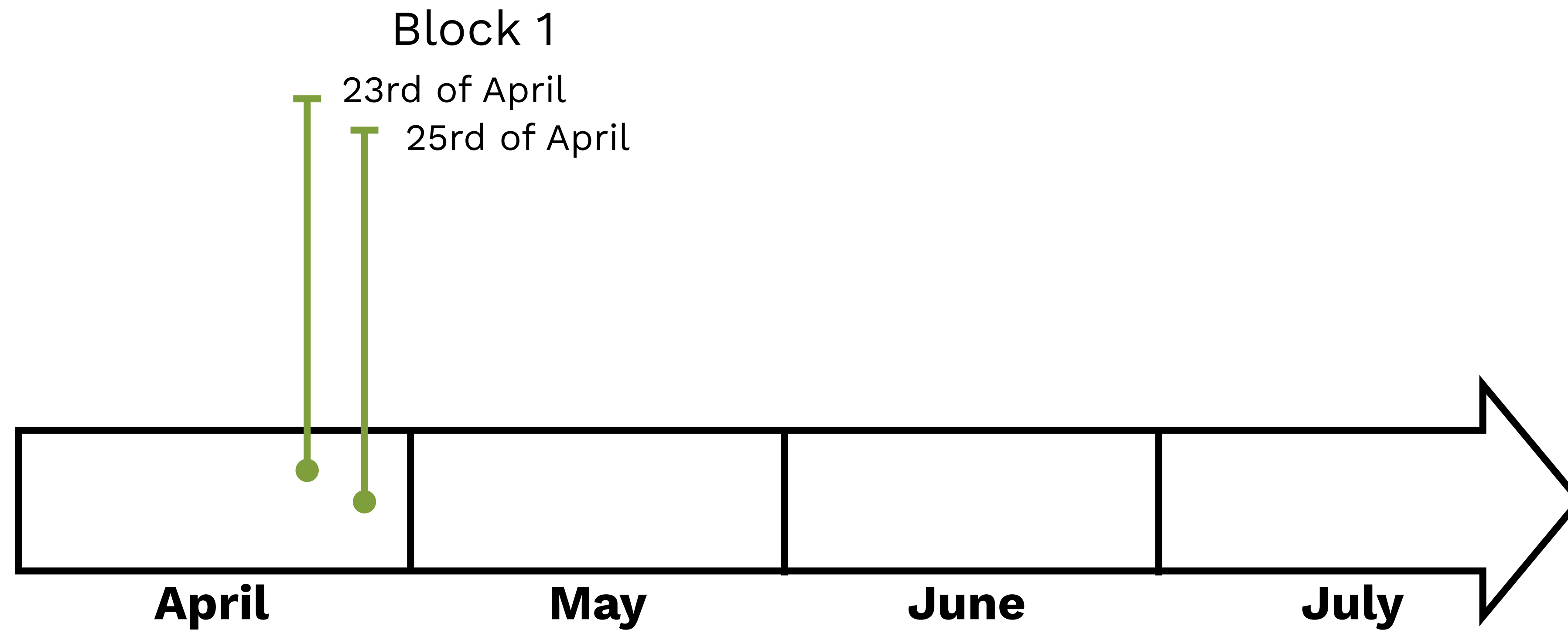
**III. Course
schedule**

Timeline



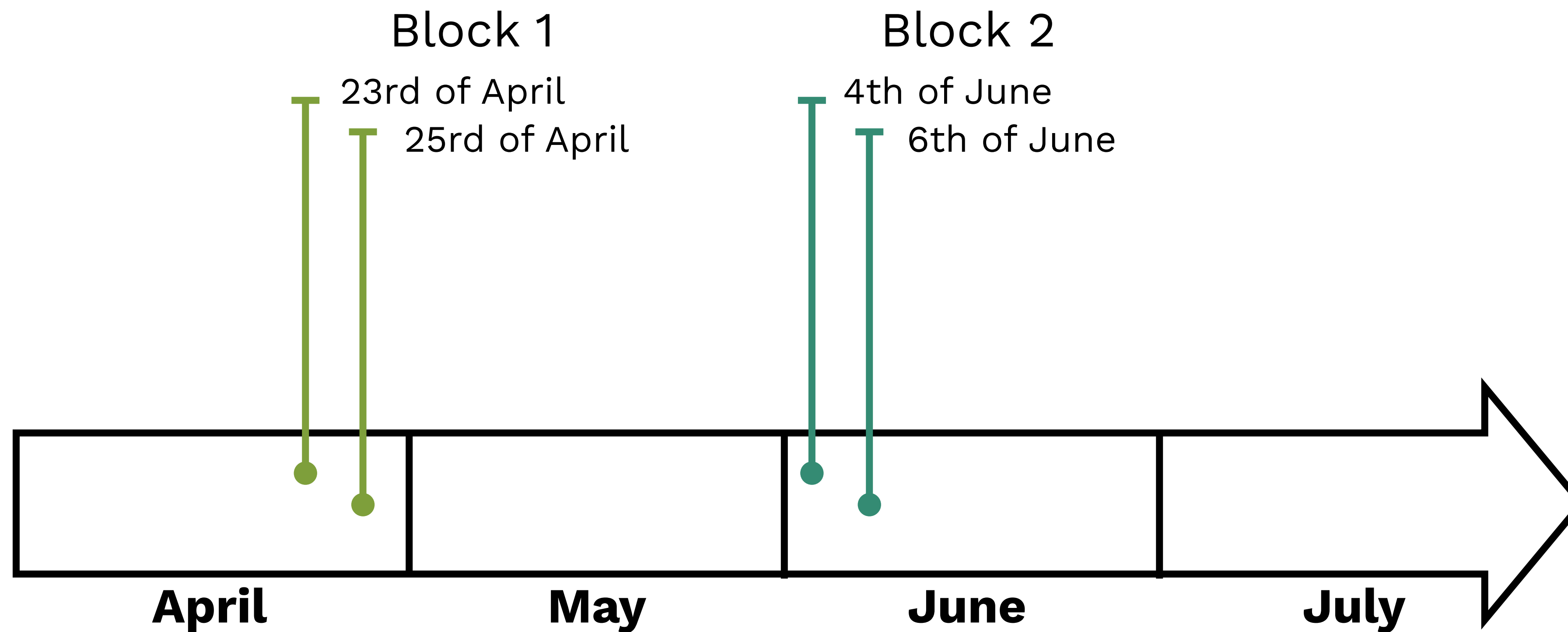
**III. Course
schedule**

Timeline



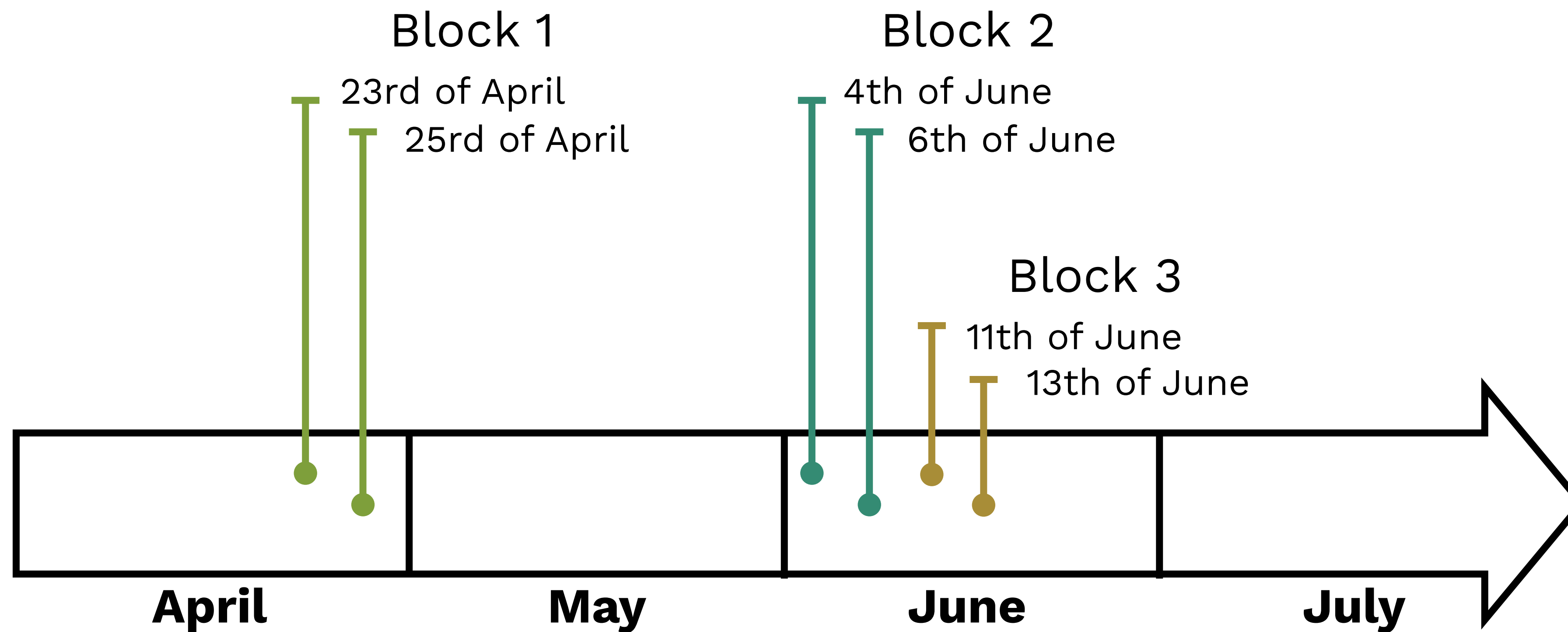
III. Course schedule

Timeline



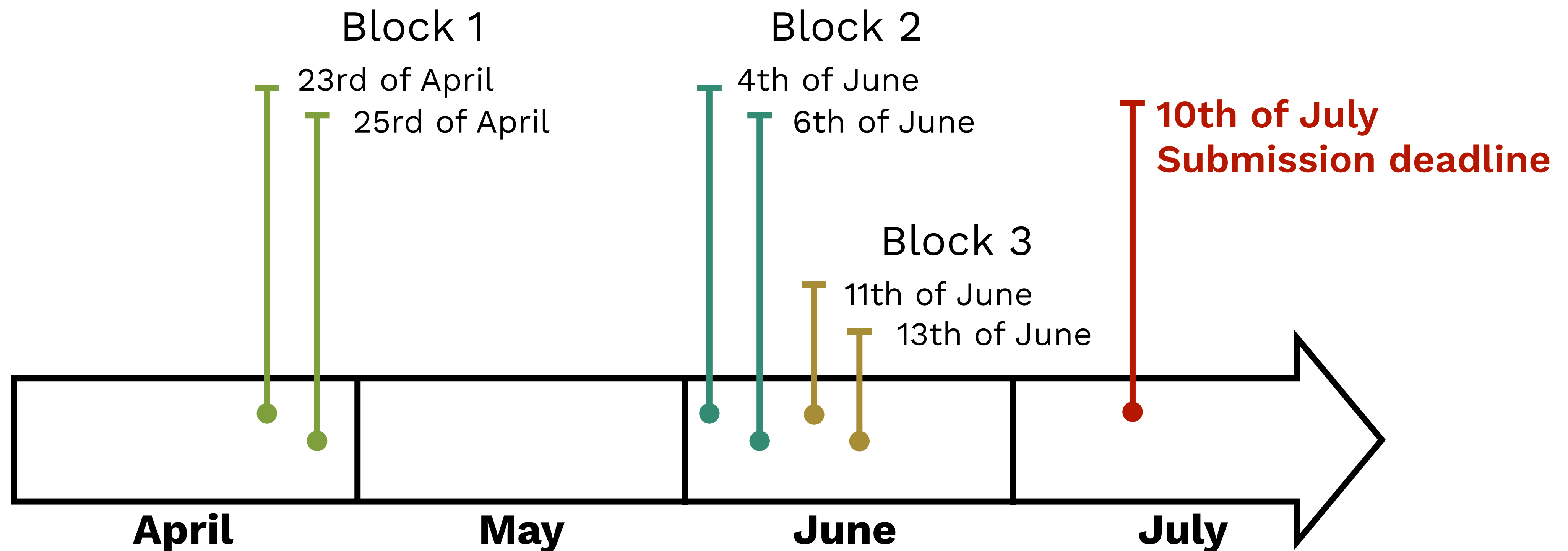
III. Course schedule

Timeline



III. Course schedule

Timeline



I. What is AICA ?

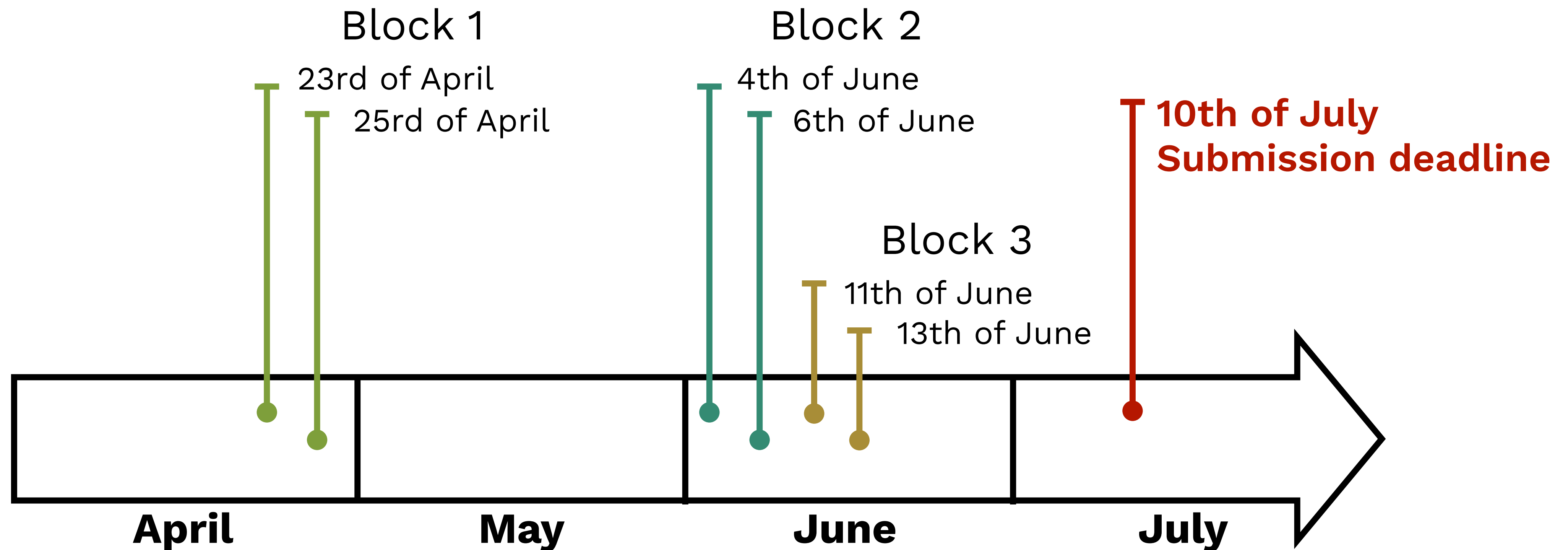
II. Course content

III. Course schedule

IV. Evaluation

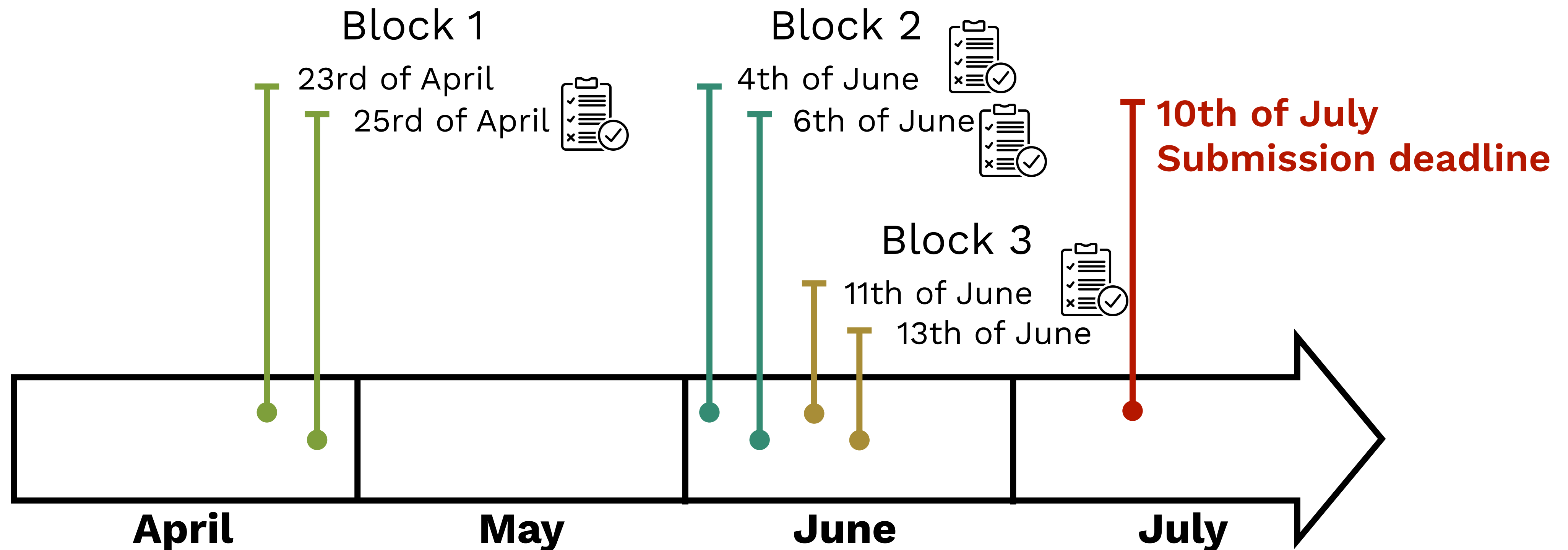
IV. Evaluation

Attendance = 4/6 days of teaching
First day mandatory



IV. Evaluation

3/4 assignments completed First assignment mandatory



I. What is AICA ?

II. Course content

III. Course schedule

IV. Evaluation

Any questions ?