Week 10 · Act 5 — Sequential compromise + decision table

Goal: Learn a delayed-reward compromise path, then read the lecture decision table.

Thesis: Match the tool to the problem shape — SL classifies; RL decides in sequence.

Run top to bottom. Use the decision table for the exit ticket.

In [ ]:
```
import seas8414_teach as teach
teach.setup()
print(teach.__version__)
teach.story_title_card(
    "Act 5 · Sequential credit assignment",
    "Chain the compromise; myopic exploit cannot.",
    ["5-link teaching MDP", "Distractors", "Random policy reference"],
)
```

In [ ]:
```
curve = teach.train_pentest()
print(curve.early, curve.late, curve.baseline_mean)
```

In [ ]:
```
teach.story_act5(curve)
```

In [ ]:
```
teach.story_decision_table()
```

In [ ]:
```
# Optional: needs OPENAI_API_KEY in ~/.env — skip if unset
teach.ask(
    "State the Week 10 thesis in one sentence and name one Act-1 task and or
    early=curve.early, late=curve.late,
)
```

Exit ticket

When do you refuse RL, and when do you insist on it?