

# Reverse-engineering I — IMRaD architecture

There is no class session this week. Watch three short recordings in your own time, then submit one page before the Week 5 session.

**The session is cancelled. The work is not.** This page is the front half of Assignment 1 — the same paper, the same appraisal. It is not additional work, and it has a deadline so that it actually gets done.

## What to do

### 1 Watch the three recordings, in order.

About fifteen minutes each. They are on the course page. The second depends on the first and the third depends on the second, so the order matters.

### 2 Reverse-outline the paper you chose in Week 3.

The Introduction and the Discussion only — you do not need to outline the whole paper. One line per paragraph, ten words or fewer, beginning with a verb that names what the paragraph does.

### 3 Write two findings.

Each in three parts: location, function, what is missing. Two is the number — not one, and not eight.

### 4 Attach the AI-use declaration form.

As for every assignment from Week 3 onwards. The form is on the course page.

## Verbs that name a job

Use these, or others like them. The test is whether the word describes what the paragraph does to the argument.

|                        |                                                        |
|------------------------|--------------------------------------------------------|
| establishes • situates | Puts the work in a context the reader already accepts  |
| narrows • specifies    | Moves from a general area to a particular question     |
| reports • quantifies   | States an observation, with or without numbers         |
| justifies • motivates  | Gives a reason for a choice                            |
| contrasts • reconciles | Sets two findings against each other, or resolves them |
| concedes • bounds      | Admits a limit on what can be claimed                  |
| claims • attributes    | Asserts a mechanism or an explanation                  |

## Deadline

Before the Week 5 session — 3 September for Section 1, 6 September for Section 9. Submit on myCourseVille. Week 5 is a working session that assumes you arrive with this outline and with the evidence matrix from Week 3.

## How it is marked

| What is looked at                                                                           | Weight    |
|---------------------------------------------------------------------------------------------|-----------|
| The outline itself — every line begins with a verb naming a function, and fits in ten words | Half      |
| The collapse — one honest line for the Introduction and one for the Discussion              | A quarter |
| The two findings — each checkable in one minute by someone holding the paper                | A quarter |
| Declaration attached                                                                        | Required  |

**What scores nothing.** A summary. If your lines say *discusses*, *describes* or *presents*, you have written a summary of the content rather than an outline of the argument — and those three words fit any paragraph ever written, which is exactly why they are useless.

## Reverse outline

|               |  |
|---------------|--|
| Paper         |  |
| Authors, year |  |
| Journal, DOI  |  |
| Your name     |  |

### Introduction

| #  | Function — ten words or fewer, verb first | Job it serves (I / M / R / D) |
|----|-------------------------------------------|-------------------------------|
| P1 |                                           |                               |
| P2 |                                           |                               |
| P3 |                                           |                               |
| P4 |                                           |                               |
| P5 |                                           |                               |
| P6 |                                           |                               |
| P7 |                                           |                               |
| P8 |                                           |                               |

## Discussion

| #  | Function — ten words or fewer, verb first | Job it serves (I / M / R / D) |
|----|-------------------------------------------|-------------------------------|
| P1 |                                           |                               |
| P2 |                                           |                               |
| P3 |                                           |                               |
| P4 |                                           |                               |
| P5 |                                           |                               |
| P6 |                                           |                               |
| P7 |                                           |                               |
| P8 |                                           |                               |

## The collapse

One line for each section as a whole. If you cannot write it, the section does not have one job — and that is itself a finding.

|              |
|--------------|
| Introduction |
|              |

|            |
|------------|
| Discussion |
|            |

## Two findings

Location, function, what is missing. Each one must be checkable in about a minute by somebody holding the paper.

### Finding 1

**Location** — *which section, which paragraph number*

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**Function** — *what that paragraph was doing*

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**What is missing** — *the Result, the answer, the method, or the acknowledgement that it is absent*

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### Finding 2

**Location** — *which section, which paragraph number*

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**Function** — *what that paragraph was doing*

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**What is missing** — *the Result, the answer, the method, or the acknowledgement that it is absent*

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**Attach the AI-use declaration form to this submission.**