

**RENCANA PEMBELAJARAN SEMESTER (RPS)**  
**Study Literature Review and Scientific Writing (3 SKS)**

**A. IDENTITAS MATA KULIAH**

Program Studi : Magister Teknik Informatika.

Nama Mata Kuliah : Study Literature Review and Scientific Writing

Kode Mata Kuliah : -

Semester : 1

SKS : 3

Dosen Pengampu : Suhendro Y.Irianto

**B. CAPAIAN PEMBELAJARAN LULUSAN (CPL)**

CPL1: Mampu berpikir kritis, logis, sistematis, dan inovatif

CPL2: Mampu mengkaji dan memanfaatkan ilmu pengetahuan berbasis data

CPL3: Mampu berkomunikasi ilmiah secara efektif

CPL4: Mampu menerapkan etika akademik dan profesional

**C. CAPAIAN PEMBELAJARAN MATA KULIAH (CPMK)**

CPMK1: Menjelaskan konsep literature review dan penulisan ilmiah

CPMK2: Mengidentifikasi dan mengevaluasi sumber ilmiah

CPMK3: Menganalisis dan mensintesis literatur

CPMK4: Menerapkan sitasi dan manajemen referensi

CPMK5: Menyusun artikel ilmiah sesuai standar IMRAD

CPMK6: Menerapkan etika penulisan ilmiah

**D. STRATEGI PEMBELAJARAN**

Pembelajaran menggunakan pendekatan Student Centered Learning (SCL), Project-Based Learning (PjBL), dan praktikum berbasis tools.

## E. RENCANA PEMBELAJARAN SEMESTER

Week	Sub-CLO	Indicator	Criteria	Assessment	Method	Material	Weight
1	Writing concept	Explain definitions	Correct	Discussion	Lecture	Introduction	2%
2	Topic & gap	Identify research gap	Relevant	Assignment	Discussion	Research gap	3%
3	Literature review	Types of review	Complete	Quiz	Lecture	Review	3%
4	Journal search	Use academic databases	Accurate	Assignment	Practicum	Scopus	5%
5	Journal evaluation	Assess quality	Valid	Quiz	Discussion	SINTA	3%
6	Reference tools	Use Mendeley	Correct	Assignment	Practicum	Mendeley	5%
7	Citation	Correct format	Consistent	Quiz	Practicum	APA/IEEE	4%
8	Mid-Term Exam	-	-	Exam	Test	Mid-Term	20%
9	IMRAD	Article structure	Complete	Assignment	Lecture	IMRAD	5%
10	Introduction	Background writing	Good	Draft	Workshop	Introduction	5%
11	Methodology	Appropriate methods	Appropriate	Assignment	Practicum	Methods	5%
12	Results	Data analysis	In-depth	Quiz	Discussion	Results	4%
13	Paraphrasing	Similarity < 20%	Good	Assignment	Workshop	Academic writing	5%
14	Ethics	Plagiarism understanding	Understand	Quiz	Discussion	Ethics	3%
15	Revision	Article improvement	Good	Project	Workshop	Template	8%
16	Final Exam	Presentation	Good	Presentation	Presentation	Final paper	20%

## F. PENILAIAN

Tugas: 20%

Presensi: 20%

UTS: 20%

Proyek: 20%

UAS: 20%

## G. REFERENSI

GUIDE to RESEARCH PROJECTS FOR ENGINEERING STUDENTS Planning, Writing and Presenting (2020)

Creswell (2023) - Research Design

Day & Gastel (2020) - Scientific Writing

Elsevier Guide for Authors (2022)