El Camino College
COURSE OUTLINE OF RECORD – Official

Subject:	PASS
Course Number:	530
Descriptive Title:	Research Skills
Division:	Library and Learning Resources
Department:	Pathways to Academic Success
Course Disciplines:	Academic Strategies
Catalog Description:	This noncredit open entry/open exit course helps students build strong research skills, which are necessary to complete college coursework and to succeed in future employment. The course covers effective search strategies, formulating a research question, and ethics in research.
Prerequisite:	
Co-requisite:	
Recommended Preparation:	
Enrollment Limitation:	
Hours Lecture (per week):	0
Hours Laboratory (per week):	.222
Outside Study Hours:	0
Total Course Hours:	4
Course Units:	0
Grading Method:	Pass/No Pass only
Credit Status:	Non Credit
Transfer CSU:	No
Effective Date:	
Transfer UC:	No
Effective Date:	
General Education ECC:	
Term:	
Other:	
CSU GE:	
Term:	
Other:	
IGETC:	
Term:	
Other:	

Student Learning Outcomes:	**SLO #1 Familiarity with Foundational Research Concepts** Students will be able to create a research strategy that matches their academic needs while maintaining an exploratory mindset. **SLO #2 Preparing for Research in Future Classes** Students will be able to prepare for future research assignments, including their gateway English course research paper. **SLO #3 Lifelong Skills** Students will build lifelong learning practices that help them avoid misinformation and present themselves as credible voices.
Course Objectives:	1. Develop effective search strategies for locating information. 2. Formulate a research question through topic analysis, modification and revision. 3. Display an understanding of research cycle steps. 4. Evaluate information for credibility, accuracy, authority and relevance to an information need. 5. Recognize common misinformation strategies and information bias. 6. Demonstrate ability to use ECC Library resources to conduct research. 7. Display competency with relevant information resources beyond the ECC Library. 8. Recognize the impact of social, political and economic power in shaping the creation, access and use of information. 9. Successfully apply a style manual to construct accurate bibliographic citations and avoid committing acts of academic dishonesty.

Major Topics:	**I. Approach to Research (1 hour, lab)**
	
	A. Exploratory mindset
	
	B. Background reading
	
	II. The Research Cycle (1 hour, lab)
	
	A. Topic mapping
	
	B. Background reading
	
	C. Narrowing from topic to research question
	
	III. Information Types (1 hour, lab)
	
	A. Locating information resources
	
	    1. ECC Library resources
	
	    2. Relevant resources beyond the ECC Library
	
	B. The Information Timeline

	1. Scholarly sources
	2. Popular sources
	IV. Ethics in Research (1 hour, lab)
	A. Citations
	B. Ethical research practices
Total Lecture Hours:	0
Total Laboratory Hours:	4
Total Hours:	4
Primary Method of Evaluation:	2) Problem solving demonstrations (computational or non-computational)
Typical Assignment Using Primary Method of Evaluation:	Create an information seeking strategy based on your research question. Match the types of information you will need to specific information sources.
Critical Thinking Assignment 1:	Examine your views of credibility. What makes a source credible? Where do you go for credible information?
Critical Thinking Assignment 2:	Share your research question with a classmate and have that classmate share with you. Recommend an ECC Library resource based on their research question.
Other Evaluation Methods:	Completion, Embedded Questions, Matching Items, Multiple Choice, Presentation, Quizzes, True/False
If Other:	
Instructional Methods:	Discussion, Group Activities, Guest Speakers, Lecture, Multimedia presentations
If other:	
Work Outside of Class:	Answer questions, Required reading, Skill practice, Study, Written work (such as essay/composition/report/analysis/research)
If Other:	
Up-To-Date Representative Textbooks:	Butler, W., Sargent, A., & Smith, K. Introduction to College Research (Chapter: Ethical and Legal Use of Information). Pressbook, n.d. https://oer.pressbooks.pub/collegeresearch/ Licensed under CC BY 4.0.
Alternative Textbooks:	
Required Supplementary Readings:	
Other Required Materials:	
Requisite	
Category	
Requisite course:	
Requisite and Matching skill(s): Bold the requisite skill. List the corresponding	Basic Computer skills

course objective under each skill(s).	
Requisite Skill:	
Requisite Skill and Matching skill(s): Bold the requisite skill(s). if applicable	
Requisite course:	
Requisite and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s).	
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Requisite Skill and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s). if applicable	
Enrollment Limitations and Category:	
Enrollment Limitations Impact:	
Course Created by:	Camila Jenkin
Date:	9/24/22
Original Board Approval Date:	12/18/2023 effective SP 2024