Curriculum Action Request (CAR) Form COURSE (New Course, Course Modification, Five Year Review)

Curriculum Proposal #

2015.47

University of Hawai'i Maui College

(for CURCOM use only)

1. Curriculum Action		
✓ New Course	Course Modification Five	Year Review
2. Proposer		
Michael Takemoto		
3. Department		
Allied Health	Business & Hospitality	Career & Tech Education
English	✓ Humanities	Social Science
Science/Tech/Eng/Math		
4. Course Alpha		
ART]	
5. Course Number		
104]	
6. Course Title		
Introduction to Printmaking		
7. If this is a course modification	or a five year review, please check the cu	rriculum items being modified.
1. Course Alpha	2. Course Number	3. Course Title
4. Credits	5. Contact Hours	6. Course Description
7. Prerequisites	8. Corequisites	9. Rec Prep
10. Cross-list w other cours	e 13. Grading Method	14. Repeatable for credit?
15. SLOs	16. Course Competencies	17 Content & Timeline
18. PLOs	19. CASLOs	21. Method of Delivery
22. Text and Materials	23. Maximum Enrollment	29. Course Designation
31. Catalog Modification		
Other		
8. Proposed Semester		
Fall 2015		
9. Effective Semester (1 Year	from Proposed Semester)	
Fall 2016		

University of Hawaii Maui College ART 104 - Introduction to Printmaking

1.	Course Alpha.
	ART
2.	Course Number.
	104
3.	Course Title/Catalog Title.
	Introduction to Printmaking
4.	Number of Credits.
	3
5.	Contact Hours/Type.
	2 hr. lect./4 hr. lab
6.	Course Description.
	Introduces basic technical information and hands on experience in the multiple facets of printmaking media.
7.	Pre-Requisites.
	None
8.	Co-requisites.
	None
9.	Recommended Preparation.
	ART 113: INTRODUCTION TO DRAWING
10	. Is this a cross-listed course?
	NO
11	. Reason for Proposal. Why is this course being proposed or modified? This question requires specific information as part of the explanation.
	Student interest and demand for a variety of visual arts courses.
12	. Effective Semester and Year.

• Standard (Letter, Cr/NCr, Audit) (0)

13. Grading Method. What grading methods may be used for this course?

Fall 2016

14. Is this course repeatable for credit? How often can this course be counted toward a degree or certificate?

NO

15. Course Student Learning Outcomes (SLOs).

Course SLO/Competency	Choose and manipulate the tools, materials, and processes used in the creation of prints in various media.		print media for the
Select and utilize printmaking materials.	S	4	4
Safely utilize the handling of tools, supplies, and equipment involved with the course.	4		4
Display proficiency in the use of various printmaking techniques.	∀	⋖	√
Utilize art elements in communicating visual ideas.		4	
Utilize design principles when composing a print.		4	
Complete the creative problem solving process, from planning and discovery to implementation and evaluation.	€	V	€

Course SLO/PSLO	erstanding of theorie s, practices, histories , and key issues of a field of study using essential terminolo	and practices of a field of study to analyze evidence, artifacts, and/or texts and produce interpretations, hypotheses, evaluations.	
Select and utilize printmaking materials.	•	€	€
Safely utilize the handling of tools, supplies, and equipment involved with the course.		4	A
Display proficiency in the use of various printmaking techniques.	€		4
Utilize art elements in communicating visual ideas.	4	√ i	
Utilize design principles when composing a print.	4	4 1	
Complete the creative problem solving process, from planning and discovery to implementation and evaluation.	€	€	€

16. Course Competencies.

Competency	
Choose and manipulate the tools, materials, and processes used in the creation of prints in various media.	
Assess the technical and aesthetic criteria used in the evaluation of printmaking.	
Experiment with the print media for the creation of personal and expressive image-making.	

17. Recommended Course Content and Timeline. The course content facilitates the course competencies. Course content may be organized by weeks, units, topics or the like.

Content	
2 weeks Monoprint	
2 weeks Collagraph	
2 weeks Gelatin print	
2 weeks Foam print	
2-3 weeks Linocut	
2-3 weeks Woodblock	
2-3 weeks Serigraph	

18. Program Learning Outcomes.

Program SLO

Demonstrate an understanding of theories, practices, histories, and key issues of a field of study using essential terminology and concepts of the discipline.

Use theories, concepts, and practices of a field of study to analyze evidence, artifacts, and/or texts and produce interpretations, hypotheses, evaluations, or conclusions.

Apply theories and/or methods of a field of study to perform practical, scholarly, and/or creative tasks that respond to social, cultural. environmental, or economic issues.

19. College-wide Academic Student Learning Outcomes (CASLOs).

V **Creativity** - Able to express originality through a variety of forms. Level 2

Critical Thinking - Apply critical thinking skills to effectively address the challenges and solve problems. V

Information Retrieval and Technology - Access, evaluate, and utilize information effectively, ethically, and responsibly.

Oral Communication - Practice ethical and responsible oral communications appropriately to a variety of audiences and purposes.

Quantitative Reasoning - Synthesize and articulate information using appropriate mathematical methods to solve problems of quantative reasoning accurately and appropriately.

Written Communication - Write effectively to convey ideas that meet the needs of specific audiences and purposes.

20. Linking.

- 21. Method(s) of delivery appropriate for this course.
 - Classroom/Lab (0)
- 22. Text and Materials, Reference Materials, and Auxiliary Materials.

Instructor will provide supply / materials list to students.

- 23. Maximum enrollment.
 - 15. Specialized art studio course
- 24. Particular room type requirement. Is this course restricted to particular room type?

YES

Course requires art studio facilities.

25. Special scheduling considerations. Are there special scheduling considerations for this course?

NO

26. Are special or additional resources needed for this course?

None

27. Does this course require special fees to be paid for by students?

NO

28. Does this course change the number of required credit hours in a degree or certificate?

No

29. Course designation(s) for the Liberal Arts A.A. degree and/or for the college's other associate degrees.

Degree	Program	Category	
Associate in Arts:	Liberal Arts	LE - Elective DA - Arts	
AS:		HU - Humanities	7
AS:		HU - Humanities	
BAS:		HU - Humanities	
Developmental/Remedial:	N/A		

Elective for ASC in Visual Arts

30. Course designation(s) for other colleges in the UH system.

ART 104 Introduction to Printmaking Honolulu Community College Leeward Community College

31. Indicate the year and page # of UHMC catalog referred to. For new or modified courses, please indicate the catalog pages that need to be modified and provide a sheet outlining those changes.

2015-2016, p.19, 25, 95

32. College-wide Academic Student Learner Outcomes (CASLOs).

Page A of 5	-
Outcome 2.4 - Formulate and test hypotheses using numerical experimentation.	0
Outcome 2.3 - Communicate clearly and concisely the methods and results of quantitative problem solving.	0
Outcome 2.2 - Demonstrate mastery of mathematical concepts, skills, and applications, using technology when appropriate.	1
Outcome 2.1 - Apply numeric, graphic, and symbolic skills and other forms of quantitative reasoning accurately and appropriately	. 1
Standard 2 - Quantitative Reasoning Synthesize and articulate information using appropriate mathematical methods to solve problems of quantative reasoning accurately and appropriately.	
Outcome 1.9 - Develop a personal voice in written communication.	0
Outcome 1.8 - Demonstrate proficiency in revision and editing.	0
Outcome 1.7 - Demonstrate a mastery of the conventions of writing, including grammar, spelling, and mechanics.	()
Outcome 1.6 - Develop a main idea clearly and concisely with appropriate content.	1
Outcome 1.5 - Express a main idea as a thesis, hypothesis, or other appropriate statement.	()
Outcome 1.4 - Gather information and document sources appropriately.	1
Outcome 1.3 - Choose language, style, and organization appropriate to particular purposes and audiences.	0
Outcome 1.2 - Identify and analyze the audience and purpose for any intended communication.	1
Outcome 1.1 - Use writing to discover and articulate ideas.	0
Standard 1 - Written Communication Write effectively to convey ideas that meet the needs of specific audiences and purposes.	

Outcome 2.5 - Define quantitative issues and problems, gather relevant information, analyze that information, and present result	ts. ()
Outcome 2.6 - Assess the validity of statistical conclusions.	0
Standard 3 - Information Retrieval and Technology. Access, evaluate, and utilize information effectively, ethically, and responsibly.	
Outcome 3.1 - Use print and electronic information technology ethically and responsibly.	1
Outcome 3.2 - Demonstrate knowledge of basic vocabulary, concepts, and operations of information retrieval and technology.	0
Outcome 3.3 - Recognize, identify, and define an information need.	1
Outcome 3.4 - Access and retrieve information through print and electronic media, evaluating the accuracy and authenticity of t information.	hat 1
Outcome 3.5 - Create, manage, organize, and communicate information through electronic media.	0
Outcome 3.6 - Recognize changing technologies and make informed choices about their appropriateness and use.	0
Standard 4 - Oral Communication Practice ethical and responsible oral communications appropriately to a variety of audiences and purposes.	
Outcome 4.1 - Identify and analyze the audience and purpose of any intended communication.	1
Outcome 4.2 - Gather, evaluate, select, and organize information for the communication.	1
Outcome 4.3 - Use language, techniques, and strategies appropriate to the audience and occasion.	2
Outcome 4.4 - Speak clearly and confidently, using the voice, volume, tone, and articulation appropriate to the audience and occasion.	1
Outcome 4.5 - Summarize, analyze, and evaluate oral communications and ask coherent questions as needed.	1
Outcome 4.6 - Use competent oral expression to initiate and sustain discussions.	2
Standard 5 - Critical Thinking Apply critical thinking skills to effectively address the challenges and solve problems.	
Outcome 5.1 - Identify and state problems, issues, arguments, and questions contained in a body of information.	3
Outcome 5.2 - Identify and analyze assumptions and underlying points of view relating to an issue or problem.	2
Outcome 5.3 - Formulate research questions that require descriptive and explanatory analyses.	2
Outcome 5.4 - Recognize and understand multiple modes of inquiry, including investigative methods based on observation and analysis.	2
Outcome 5.5 - Evaluate a problem, distinguishing between relevant and irrelevant facts, opinions, assumptions, issues, values, a biases through the use of appropriate evidence.	and 2
Outcome 5.6 - Apply problem-solving techniques and skills, including the rules of logic and logical sequence.	3
Outcome 5.7 - Synthesize information from various sources, drawing appropriate conclusions.	1
Outcome 5.8 - Communicate clearly and concisely the methods and results of logical reasoning.	2
Outcome 5.9 - Reflect upon and evaluate their thought processes, value system, and world views in comparison to those of othe	rs. 3
Standard 6 - Creativity Able to express originality through a variety of forms.	
Outcome 6.1: Generate responses to problems and challenges through intuition and non-linear thinking.	3
Outcome 6.2: Explore diverse approaches to solving a problem or addressing a challenge.	3
Outcome 6.3: Sustain engagement in activities without a preconceived purpose.	2
Outcome 6.4: Apply creative principles to discover and express new ideas.	3
Outcome 6.5: Demonstrate the ability to trust and follow one's instincts in the absence of external direction	3
Outcome 6.6: Build upon or adapt the ideas of others to create novel expressions or new solutions.	3

33. Additional Information

UNIVERSITY OF HAWAII MAUI COLLEGE ASSOCIATE IN ARTS DEGREE REVIEW OF COURSES FOR DIVERSIFICATION REQUIREMENTS

Any UH course with a diversification or equivalent designation that transfers to another UH campus will be accepted with the sending campus' designation. At each participating UH campus, the diversification designation is consistent with the hallmarks described below. Courses are approved through a campus level process and reviewed at least every five years to ensure that the course continues to meet the hallmarks.

		Banner Input Date:
SUBJECT ALPHA: ART COURSE NUMBER If the course is cross-listed, please provide the cross-		Catalog Input Date:
COURSE TITLE: Introdution to Printmaking		STAR Check Date:
UH MANOA DIVERSIFICATION CATEGORY	Y:	
UHMC RECOMMENDED CATEGORY: DA (Refer to attached Hallmarks)		AA Advising Sheet Update Date:
Is the course outline, on file with the UHMC Curric Hallmarks? Yes No	culum Committee, consistent with the	e stated
If "No" and you wish to submit changes to corre University of Hawaii Maui College Curriculum new course outline. OR	<u> </u>	with
Recommend course be changed to another s OR	sub-category:	
Recommend course be used only as general	elective	
MICHOEL TOKENOW Instructor's Printed Name	M 9/2/ Instructor's Signature Date	115
Michael Takemoto Approved by: Diversification Chair Printed Name	Diversification Chair Signature	

ART 263, 264 sification Requirements manities, Literatures: 5-6 credits (One course from two different groups) Diversification Arts: ART 1017105, 107D, 113, 115, 123BCD, 223, 243, 244, ART 161/ICS 161, ART 205/ICS 205, ART 218/ICS 261, ART 221/ICS 214; COM/BUS 130; DNCE 131, 132, 141, 158, 180; DRAM 101, 221, 222, 260, 280; ENG 104; HAW 104; HWST 205A, 205E, 205I, 222; MUS 1000 114, 114H, 121C, 121D, 121F, 121G, 121Z, 122C, 122D, 123, 124, 132, 180, 203, 216, 253; SP 15% 231, 251; TCOM 261. Diversification Humanities: ANTH 235/HIST 288; ART 270; HIST 241, 242, 253, 281, 282, 284; HUM 100, 400; HWST 100BCD, 107, 111, 176/MUS 176, 207, 213, 231, 262, 270, 286, 291; ML/S 106, 167, 271, 272; PHIL 100, 101, 102, 109, 301, 323; SPAN 180v. Diversification Literatures: ENG 209, 210, 250, 251, 252, 253, 254, 255, 256, 257, 257E, 257F, 257R, 377; FIL 261; HAW 261, 262.; HUM 410 Sciences: 7 credits (One Biological, one Physical, and one corresponding lab) Diversification Biological: AG 122, 174, 200, 253, 265; ANTH 215; AQUA 362, 466; BIOL 100, 102, 103, 105, 124, 151, 152, 171, 172, 200, 225, 265, 282, 424; BIOL 101/SCI 121; BOT 101; FSH網 185, 285, 286; MICR 130; PHRM 203; ZOOL 101, 141, 142, 200; SSM 302, 402, 403. Diversification Physical: ASTR 110; BIOC 241, 244; CHEM 151, 161, 162; GEOG 101; GG 101, 103; OCN 201, 351; PHYS 105, 151, 152, 170, 219, 272; SCI 122; SSM 101, 201, 202, 301, 402, 403. Diversification Lab: AG 122*, 174*, 200, 265; ANTH 201L; ASTR 110L; BIOL 101/SCI 121, 102, 103, 105, 124L, 152*, 171L, 172L, 200, 225, 424; AQUA 362, 466; BOT 101, 105L/HWST 211L; CHEM 151, 161L, 162L; GEOG 101L; GG 101; MICR 140; OCN 201L; PHYS 105, 151, 152, 170, 219, 272; SCI 122; ZOOL 101, 141, 142, 200. *If a 3-credit course taken includes a lab, additional credits may be needed to meet the 60-credit AA requirement. A 4-credit course may include a lab - check catalog. sciences: 6 credits (Two courses from different disciplines) Diversification Social Sciences: ANTH 150, 165, 200, 210, 225, 281; BOT 105/HWST 211; COM 145, 210, 215, 353, 459; ECON 120, 130, 131, 150; FAMR 230; GEOG 151; PACS 108; POLS 110, 120, 180; PSY 100, 103, 170, 202, 213, 214, 240, 250, 251, 253, 260, 353; SOC 100, 215, 218, 231, 251; SSM 401. 😘 To meet 60-credit minimum of 100-level or higher coursework, and other graduation 🖂 🕔 satisfied previously.* Hawaiian or Second Language recommended; may be required for a bachelor degree. Consult with academic counselor or program coordinator.

🌬 Endisciplinary Studies courses do apply. These maximums may be applied: 9 credits Cooperative 🌬

2 3

五 万 县 東

emic Subject Certificate in Visual Arts

ademic Subject Certificate (ASC) in Visual Arts is intended gnize and encourage innovation, collaboration, and creativis certificate enhances the Liberal Arts AA degree. Students ursue a baccalaureate degree in the Fine Arts should

selor or academic advisor.

Hennifer Owen at 984-3202 or Mike Takemoto at 984or more information.

ements for Academic Subject Certificate (ASC) -Arts: 18 credits

ASC requires a minimum of 18 credits. last 6 credits must be taken at UH Maui College. ents must receive grade C or better for all courses ied to the certificate.

e eligible, courses must be taken for a letter grade. of 2.0 or better is required for all courses applied to certificate.

Arts core: 9 credits

01	Intro to the Visual Arts(3)
RT 270	History of Western Art(3)
13	Intro to Drawing(3)
15	Intro to Design(3)

43

re courses: 9 credits		
e at least two courses from the following: 6 credits		
01**	Introduction to the Visual Arts(3)	
05	Elementary Studio: Ceramics(3)	
07D	Introduction to Digital Photography(3)	
23BCD	Introduction to Painting(1)(1)(1)	
S 161*	Introduction to Computer Graphics(3)	
50	Topics in Art(1-3)	
99v	Directed Studies(1-3)	
.05/ICS 205*	Photoshop and Illustrator(3)	
.18/ICS 261*	Intermediate Computer Graphics(3)	
21/ICS 214*	Fundamentals of Design for Print & Web(3)	
e at least one course from the following: 3 credits		
!70**	History of Western Art(3)	

Intermediate Painting(3)

Intermediate Ceramics: Hand Building(3)

Intermediate Ceramics: Wheel Throwing(3)

Topics in Art(1-3) Directed Studies(1-3)

These ART and ICS courses are crosslisted and may be taken in either department.

If not taken as core requirement.

Cranics: Vessels Note: Offered at UH Hilo during the second two weeks in May.

Certificates in Marine Option Program

The Marine Option Program (MOP) is a University of Hawai'i systemwide program with participation by students at all campuses. This program offers students opportunities to learn about the marine environment and work with marine scientists in many different areas of interest. Maui College students enrolled in MOP may earn certificates in a number of different ways based on the chosen track. Each certificate attests to knowledge and experience gained in the field, and each offers unique opportunities for students desiring to gain employment or further their studies in the marine sciences.

For more info, call the Marine Option Program at 984-3203.

Requirements for Academic Subject Certificate (ASC) -Marine Option Program: 12 credits

OCN 101 Intro to Marine Option Program(1)

Marine survey course, either:

Science of the Sea(3), OCN 201 or ZOOL 200 Marine Biology(4)

Research project/internship - at least 2 credits from the following: OCN 191v Field Experience in Marine Naturalist Pgm(1-3)

OCN 193v Cooperative Education(1-3)

Marine Research & Internship(1-3) OCN 293v

Additional credits from the following, if not taken for marine survey course:

Hawaiian Field Biology(4) BIOL 105

BIOL 200 Coral Reefs(4)

Ecology & Evolutionary Biology(3) **BIOL 265**

BOT 105 Hawaiian Ethnobotany(3)

MARE 264* QUEST - Quantitative Underwater Ecological

Survey Techniques

MARE 364* Advanced QUEST

Open Water SCUBA Certification(2) OCN 140

OCN 190v Selected Topic(1-3) OCN 201 Science of the Sea(3)

Science of the Sea Lab(1) OCN 201L

OCN 250 Statistical Applications in Marine Science(3)

OCN 270 Communicating Ocean Science(3)

OCN 290v Advanced Topic Marine Biology(4) ZOOL 200

Requirements for Certificate of Competence (CO) -

Marine Naturalist 1: 9 credits

OCN 101 Intro to the Marine Option Program(1) Field Experience in Marine Naturalist Pgm(1) OCN 191v

OCN 201 Science of the Sea(3) ZOOL 200 Marine Biology (4)

Requirements for Certificate of Competence (CO) -Marine Naturalist II: 9 credits

Coral Reefs(4) BIOL 200

Marine Life Identification(3)

OCN 64

Two credits from any of the following: OCN 190v Selected Topic(1-3)

Field Experience in Marine Naturalist Pgm(1-3) OCN 191v

OCN 193v Cooperative Education(1-3) OCN 201L Science of the Sea Lab(1)

OCN,293v Marine Research & Internship(1-3)

Certificate of Professional Development (CPD) -

Marine Naturalist III: 3 credits

OCN 270 Communicating Ocean Science(3)

104 Introduction to Printmaking

Introduces basic technical information and hands on experience in the multiple facets of printmaking media. 3 cr., 2 hr. lect./4 hr. lab (DA)



Elementary Studio: Ceramics

Studies ceramic form. Emphasizes hand building, glazing techniques, and surface treatment. Involves lectures and projects. Meets the UH Manoa Arts & Science core requirement. 3cr., 2hr. lect./4hr. lab (DA)

107D Introduction to Digital Photography

Prereq: Access to digital carnera (manual settings preferable).

Introduces the fundamental, technical, and aesthetic practices of digital photography. Students will learn camera operation, computer editing techniques, basic lighting concepts, composition and print production. 3cz., 2hr. lect./4hr. lab (DA)

113 Introduction to Drawing

Emphasizes two-dimensional visualization and rendering of forms, spaces, and ideas through a variety of approaches and media. Meets the UH Manca Arts & Science core requirement. 3cr., 6nr. lect./lab (DA)

115 Introduction to 2D Design

Recommended: ART 101. Introduces the theory and practice of composing and arranging two-dimensional forms in black, white, and color through manipulation of the basic elements and their interrelationships. Weets the UH

and 2D and 3D animation. (Crosslisted as ICS 161.) 3cr., 3hr. lect. (DA)

205 Photoshop and Illustrator

Prereq: ICS 101 or BUSN 150, or consent. Introduces the basic tools and features of digital image editing, photo retouching, and color correction of images. Focuses on the fundamental drawing techniques of illustration graphics including pen tool paths, objects, and type. (Crosslisted as ICS 205.) 3cr., 3hr. lect./lab (DA)

Intermediate Computer 218 Graphics

Prereq: ICS 161, 205, or 214, or consent. Provides instruction with the tools and concepts of computer graphics utilizing editing, illustration graphics, print publishing, web authoring, and 2D and 3D animation. (Crosslisted as ICS 261.) 3cr., 3hr. lect./lab (DA)

221 Fundamentals of Design for Print and Web

Prereg: ICS 101 or BUSN 150, or consent. Introduces development principles related to graphic design terminology, tools and media, and layout and design concepts. Topics include integration of type, images, and other design elements, developing computer skills in industry standard computer programs, and study of design

Intermediate Ceramics: Hand Building

Prereq: ART 105, or consent.

Develops vessel and sculptural concept ing hand-building techniques. Introdu the elements of art through the makin; of ceramic form. Progresses beyond be hand building techniques to advanced skills: various forming and embellishin techniques, work with plaster and mole colored slip, colored clay, glaze work, a the firing of kilns. Students work tow development of individual creative exp sion. 3cr., 2hr. lect./4hr. lab (DA)

Intermediate Ceramics: Wheel Throwing

Prereq: ART 105, or consent.

Develops vessel and sculptural concept using wheel-throwing techniques. Inti duces the elements of art through the t ing of ceramic form. Progresses beyon basic throwing techniques to intermed are throwing skills, various forming an embellishing techniques both on the w and subsequent to throwing, colored sl work, glaze work, and the firing of kilr Students work towards development of individual creative expression. 3ct., 2h lect./- hr. lab (DA)

270 History of Western Art

Surveys Western Art from prehistoric t phasizes the historic ling an overview of

od. 3cr., 3hr. lect.

(ASTR)

263 Ceramics – Sculpture

Prereq: ART 243 or ART 244, either with grade C or better, or consent.

Explores sculptural concepts and techniques specifically related to the medium of clay; advanced hand-building, throwing, glazing, and firing techniques. 3 cr., 2 hr. lect./4 hr. lab (DA)

264 Ceramics – Vessels

Prereg: ART 243 or ART 244, either with grade C or better, or consent. Explores the ceramic vessel as function, metaphor, and expression. Advanced hand-building, throwing, glazing, and firing techniques. 3 cr., 2 hr. lect./4 hr. lab (DA)

123D Introduction to Acrylic **Painting**

Introduces the theory and practice of acrylic painting. Includes basic materials and technical procedures. 1cr., 2hr. lect./lab (DA)

Introduction to Computer Graphics

work by studying the foundations of major developments in the late 19th century and early 20th century painting styles. Examines and compares the two parallel tendencies of Structuralism and Expressionism. Teaches control and management of pictorial space and paint application. Develops personal sources of imagery, and explores the effects of scale and color interaction in 1 --- CL. I -- /IL /DAI

tronomy

55 with grade C. or be 100, and MATH Is r, or placement at lea it. Recommended: F.

school science

Introduces the history and methods of astronomy, with descriptive treatments planets, the solar system, stars, galaxie: and cosmology. Discusses the concept size, distance, and time in the observal universe. 3cr., 3hr. lect. (DP)