

Transmitted 10/22/84

Faculty Senate Curriculum Committee

APPROVAL FORM

Rev: 5/82

(2)

Proposal Title: Management of Coastal Resources

Sponsor(s): Dr. E. Joseph Waring - Dept.: Physical Sciences
New Jersey Marine Sciences Consortium

Check one: Course Specialization Concentration Achievement Certificate

Workshop/Seminar

Minor Change Major Program

(please name: deletion or credit/title/catalog change)

Certification Program

Undergraduate / Graduate Credit Hours

Step 1 (Department)

Step 2 (Receipt)

Step 3 (Division CC)

Approved 1/20/84
date

SCC# 83-84-52

Reviewed 2/16/84
date

Not Approved

Proposal Received 2/1/84
date

Approved

J. Dolan
Dept. CC Chairperson

Not Approved

Reviewed 1/27/84
date

Comments:

McWood Jr.
Chairperson, Dept.

Shirley G. O'Day
Chairperson, SCC

Tim Mc...
Chairperson, Div. Curr. Comm.

Step 4 (Academic Dean)

Comments:

Reviewed 3/6/84
date

Dean...
Signature, Dean of Division

Step 5 (SCC)

Open Hearing Date: 4/6/84 Approved by Senate Curriculum Committee 4/13/84 (date)

Returned to sponsor(s) for the following reasons:

Step 6 (Faculty Senate)

Presented to Faculty Senate (date): 4/13/84

Approved
 Not Approved

Notification to Vice-President Academic Affairs (date): 4/16/84

Shirley G. O'Day
Signature: SCC Chairperson

Step 7 (Vice-President for Academic Affairs)

Course received 7/25/04 (date)

Course approved Yes No

If no, reasons are as follows:

Student credit hours 1

Faculty load hours 1

Equalized credit hours 1

Official copy and approval sheet filed 7/1/04 (date)

Signature [Signature]
(Vice-President for Academic Affairs)

Registrar

Approved course description received _____ (date)

Hegis Taxonomy and Course Number assigned _____

Signature _____
(Registrar) (Date)

Notification forwarded: Senate Curriculum Committee Chairperson, Department Chairperson(s),
Academic Dean(s), Registrar, Sponsor(s)

NEW JERSEY MARINE SCIENCES CONJUNCTION
WORKSHOP/SEMINAR

SPECIAL TOPICS IN THE MARINE SCIENCES

400/500 Level Management of Coastal Resources 1 credit

I. Brief Description of the Course

The scientific, social, political, economic and legal aspects of dealing with the multiple and conflicting uses of coastal resources will be examined. Emphasis will be placed on coastal zone management at the local level.

Prerequisite: An interest in the marine sciences and the marine environment.

II. General Aim of the Course

To acquaint participants with the natural features of the coastal zone and man's various uses of the coastal zone.

III. Specific Objective of the Course

To understand the values of the resources of the coastal zone and to understand the variety of legitimate uses of these coastal resources. Participants will become familiar with the conflicts that arise due to multiple uses of the coastal zone and how our social, political, and legal systems come into play to affect those uses.

IV. Content and Scope of the Course

A. Definition of Coastal Resources: wetlands, estuaries, beaches, continental shelf; shellfish, finfish; minerals.

B. Uses of Coastal Resources: Coastal development; industrial facilities; Waste Disposal; Fishing; Recreation.

C. Current Conflicts Within the Coastal Zone.

D. Management Attempts: Coastal Zone Management from a social, political and legal aspect, encompassing federal, state and local aspect, encompassing federal, state and local involvement.

V. Procedures, Techniques and Methods

Classroom presentations and discussion, field trips

VI. Instructional Materials

Maps, slide shows, selected reading reprints, field equipment.

VII. Basic Requirements for Course Completion

Participation in course activities, including discussions; field notebook; summary report.

VIII. Text - None--selected reading will be utilized.

IX. Bibliography

-Clark, C.A. 1974. Coastal Ecosystems: Ecological Considerations for Management of the Coastal Zone. The Conservation Foundation, Washington, D.C.

-Clark, C.P. 1977. Coastal Ecosystems Management. Wiley Interscience, John Wiley and Sons, New York, N.Y.

-Ketchum, E.H. (ed). 1972. The Water's Edge: Critical Problems of the Coastal Zone. MIT Press, Cambridge, Mass.

-Jackson, T.C. and D. Reische (eds). 1961. Coast Alert, Scientists Speak Out. Friends of the Earth Book, San Francisco, California.