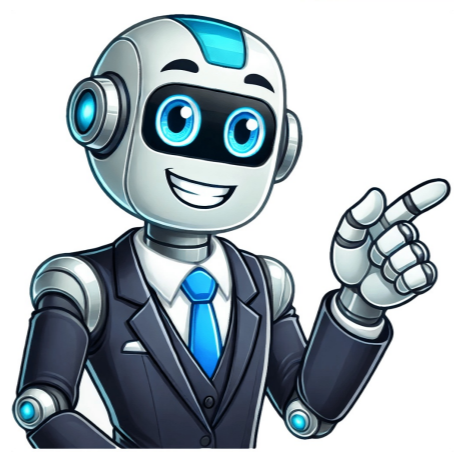


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It includes the college and program visions, missionMary Ann Austria Gonda-FelipeAI-enhanced title and descriptionSaveSave OBE Syllabus AgriFishery.docx For Later90%90% found this document useful, undefined1. COURSE BACHELOR OF TECHNOLOGY AND LIVELIHOOD EDUCATION No. of Revisions 1MAJOR INFORMATION AND COMMUNICATION TECHNOLOGY Revised Date 01.18.2023DEPARTMENT COLLEGE OF EDUCATIONSemester Adopted SECONDSchool Year 2022-2023Societal VisionEnvisioning a society with industries and institutions distinguished withthe Colegio de la Ciudad de Zamboanga brand of education and training Institutional VisionA community of men and women trained and committed to GeneralComprehensive and Polytechnic Leadership by interfacing academic excellenceand commitment in a vibrantly developing community Objective and Governance MissionThe Colegio de la Ciudad de Zamboanga shall be a Local City College faithfulto its mandate as a General Comprehensive and Polytechnic Tertiary Institutionwhich shall provide Education with International Standards of Quality andExcellence to its clientele in Zamboanga City.Institutional Outcomes (Goals)The Graduates of the CCZ shall possess the distinctive traits named as the Three Cs: Competence (Creative and Critical Thinking, Fluency and Articulateness, Expertiseand Life-Long Learning, Technology and Savviness, Theory and Practice, Leadership and Network), Character (CCZ Identity and Integrity, Commitment to SocialTransformation, Patriotism and Universal Outlook, and Care for the Environment) and Charity (In Pursuit of Truth and Impartial Love)COURSE PROGRAMS Program Outcomes: (This course covers the following minimum standards for Teacher Education programs as stipulated in the PSGs1. Demonstrate critical and creative thinking skills in the workplace and can innovate, create and formulate solutions to problems, and advance knowledge (1.5.1).2. Communicate fluently and effectively (both oral and written) in English and Filipino language (1.6.1)3. Demonstrate expertise in the field of technology and livelihood education specifically in the use information communication technologies (lifelong andindependent learners. (1.3.1)4. Demonstrate mastery of theory and practice in teaching and the field of technology and livelihood education (1.1.1)5. Work as effective leaders with networking qualities and skills in multidisciplinary and multi-cultural groups (6.1.1, 6.4.1,7.3.1). 2. 6. Possesses integrity and adheres to high moral principles and Philippine professional standards steadfastly (7.2.1).7. Responds to the community needs and build harmonious relationships for social development and transformation (6.1.1,6.4.1)8. Preserve and promote Filipino and Zamboanga historical and cultural heritage (1.6.1, 3.2.1).9. Participate in activities that focuses on the preservation and care of the environment (2.4.1).10. Demonstrate mastery in teaching strategies using Information and Communication Technology that attains the content and evaluates the learners knowledge.(1.1.1, 1.2.1, 1.3.1, 1.4.1, 1.5.1, 1.7.1)Class Information Instructors InformationSection BTitle-ICT section A and B Instructors Name CELINA A. HERMOSILLASchedule Wednesday and Thursday Office Designation College of EducationTime 1:00-3:00 P.M Office Hours 8:00-12:00 1:00-5:00Venue L11 Office Telephone 062-992-3933Term 1st and 2nd term ,Second Semester Email Address Celinehermosilla17@gmail.com 3. COURSE INFORMATIONCourse NameINTRODUCTION TO AGRICULTURE AND FISHERY ARTS 1 (AFA)ContactHours/Weekunits, 3 hrs./wk. (18 weeks, 54 hrs. total)Pre-requisiteSubject Course Credit 3 UnitsCourse DescriptionThis course is an overview of agri-fishery art discipline including philosophy, areas of specialization, role in societal developmentCourseRequirements1. Comprehension Check Quizzes: These are 25-item, objective type of quizzes, given after thorough discussion.2. Class Participation: While participation is every students responsibility, it is nevertheless given credit for purposes of grading.3. Homework4. Special Oral or Written Reports Individual or GroupGrading System A. SynchronousClass Standing = 50%a. Recitationsb. Quizzesc. Unit ExaminationsB. Asynchronous (Consultation) = 20%a. Projects b. Assignmentsc. Othersc. Pre-test and Post-test = 30%Course Learning OutcomesAt the end of the course, the pre-service teachers can: Program Outcomes BTIs Covered1 2 3 4 5 6 7 8 9 101. Explain the importance of Agriculture and Aquaculture in societal development. X X X X X X2. Describe and define the classifications of crops. X X3. Describe and define basics in aquaculture production. X X X X4. Understand the basics of composting and gardening. X X5. Identify and discuss major crop commodities grown and species offreshwater fishes raised in the regionX X X XX X X X6. Imbibe the importance of agriculture and aquaculture in Food Security andanimal husbandry. X X X X4. Learning PlanTimeAllotmentDesired Student LearningOutcomesCompetenciesAt the end of each topic andsemester the students canBTIsCLOsCourse Content Teaching & Learning Activities Assessment ResourcesWeek1-2-- demonstrateunderstanding ofclassroom policies, course, and requirements-- explain the importance ofagriculture inindustry-- select the correct tools andequipment used inagriculture-- provide details on sthouse keeping-- observe occupationalsaafety and health at work Class Policies and CourseOverviewIntroduction toAgriculture-Individual participation inclassroom discussion-Getting to know each otherLecture-Group discussionRubric score sheet ofclass participationOral RecitationBooks, Internet,Projector andLaptopWeek3-4-discuss the history ofagriculture--discuss the relevance ofancient agriculture to thepresent-- discuss the different periodsof agriculture and its majorHistory of AgriculturePrehistoricHistoric through theRoman periodFeudal ScientificIndustrialLectureCollaborative DiscussionOral questioningWritten test 5. contribution to modernagricultureWeek4-5-- discuss the importance ofgardening-- identify the different toolsand equipment used ingardening-- classify kinds of garden-- estimate bill of materialsper gradenVegetable GardenActivity 1: seed tomataturity (eggplant,tomato, okra, tomato,pepper, ginger, pechay,native onion) IndividualNarrative Report fromsowing to harvestLectureInteractive DiscussionSelf- paced instructionActivity 1: seed to maturity(eggplant, tomato, okra,tomato, pepper, ginger,pechay, native onion)Quizzes and seatworkOral questioningIndividual NarrativeReport from sowingtoharvestWeek6-7 -- discuss crops and cropproduction-classify Crops-- explain intensive cropping-- explain the importance ofcrop rotation--discuss the important ofcrop production in industryCrops and CropProductionActivity 2: Bring leavesand seedsActivity 3: Make acommunity survey todetermine the varieties ofvegetables growLectureIndividual participation inclassroom discussionActivity 2: Bring leaves andseedsActivity 3: Make a communitysurvey to determine the varieties of vegetables growDirect observationWritten testOral questioningWeek8-- discuss the importance ofcrop nutritionCrop NutritionLecture Oral questioning Lecture 6. -- explain the differentelements needed inplant nutrition-- enumerate the differentkinds of fertilizers--estimate and calculatefertilizer needed--explain the physiology ofplant nutrition-- select appropriate toolsand equipment use inplanting works-- practice occupationalsaafety and health at workIndividual participation inclassroom discussionWritten testProblem SetIndividualparticipation inclassroomdiscussionWeek9Mid-TermWeek10-11-- discuss the importanceof harvesting process-- enumerate tools andequipment used inharvesting--enumerate the differentharvest and post-harvestdiseases and their causes--Manage harvest and post-harvest complications--explain the different processinvolve in harvestingHarvesting and Post-Harvest TechnologyLecture/DiscussionClassroom discussionOral questioningDirect observationWritten test 7. Week12-13-- recognize fishery and itsimportance--discuss the history of fishery--distinguish the branches offishery--identify the morphology offishIntroduction to Fisheries- History of fishery- Branches of Fishery- Morphology of FishLecture/DiscussionInteractive discussionActivity 4: Dissect and identifythe external parts of fishOral RecitationWritten testWeek14-15- Introduction to Fisheries- History of fishery- Branches of Fishery- Morphology of Fish-- recognize fishery and itsimportance--discuss the history of fishery --distinguish the branches offishery--identify the morphology offishIntroduction to FisheryFish CultureActivity 5: Make acommunity survey todetermine the species offreshwater fishes raisedLecture /DiscussionActivity 5: Make a communitysurvey to determine thespecies of freshwater fishesraisedOral questioningWritten testWeek16-17--identify the fishing methodsand gears--perform the fishing gearconstruction and operation-- identify the commoncommercial species of aquaticresource-- determine the fishpreservation terminologiesFish CaptureFish PreservationActivity 6: Bottled BangusLecture /DiscussionDemonstrationActivity 6: Bottled BangusOral questioningWritten test 8. -- understand the fishpreservation principles-- perform the methods ofcutting fishWeek18Final ExaminationReferences:Reference:Onwueme, I. C. and Sinha, T. D. (1999). Field Crop Production in Tropical Africa-Netherlands: CTA, Wageningen, Pp. 1-14.PD Dr. Jm Birkmann, D. K. et al. (2011). World Risk Report. Berlin: Bndnis Entwicklung Hilft (Alliance Development Works).Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (2018). The PCAARRD CorPlan 2017-2022. LosBaos, Laguna.PSA (2018). Labor Force Survey.PSA (2018). Various datasets on GNI and GDP. GVA in AFP sector, Imports, and Exports. Retrieved from: P. C. et al., (2016). Farmers handbook on basic agriculture.Villalobos, F. and Ferreres, E. (2016). Principles of Agronomy for Sustainable Agriculture. Springer International Publishing Wager, F. (2011). Agricultural Production. Nova Science PublishersWebsite/Videos/Film ClipsCrop production-Introduction to Agriculture. happened to the Philippine Agriculture. Introduction to Agriculture and Agronomy October 2015.Fisheries lecture 1-Taxonomy of Fish and Ocean Zones Classification. lecture 2- Aquaculture. lecture 3 - Classification of Fishery Resources. lecture 4 - Carp Culture Part 1. lecture 5 - Carp Culture Part 2. 9. Classroom Policies1. The school policies on ID, attendance and honesty will be strictly enforced. Student shall not exceed 10% of the number of absences, while three (3) tardiness will count as an absence.Not wearing of ID will not be permitted inside the class, thus it will be counted as absent.2. Students should keep a student-portfolio for filing all their classroom performance for purposes of authentic assessment.3. Students shall engage in intensive library search and readings on the selected topics for classroom discussions.4. Students shall strive to develop the skills on learning how to continue learning.5. Teacher and the students will be respectful to different opinions thus the expected core values to be develop is respect, being open-minded, resourcefulness, teamwork andappreciation of modern technology. Classroom courtesy is always expected to everyone inside the classroom.Prepared by: Checked and Reviewed by: Recommending Approval: Approved by:CELINA A. HERMOSILLAMARICOR A. MARQUEZ SIMEONA L. DAMIN, Ed.D. JOSE GENARO R. YAP-AIZON, PhD.Faculty Associate Dean, College of Education College Dean City College President

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