Introduction to

**Object-Oriented Modeling and Unified Modeling Language (UML)**

SPECIALIZED TRAINING FOR THE COMPUTER PROGRAMMING PROFESSIONAL

- March 9 & 10, 2004
- University of Florida Distance Education Learning Center Room G001
- McCarty Building D
  Gainesville, Florida
Participants should be interested in or actively involved in using the Object-Oriented Modeling and Unified Modeling Language (UML) for program design. Those employed in the following occupations would greatly benefit by participating in this course:

- Agricultural Engineers
- Agronomists
- Extension Agents
- IT Managers
- Programmers
- Project Managers
- City and County Government IT Staff
- Soil Scientists
- Foresters
- Land Use Planners
- Hydrologists
- Academicians and Faculty Members
- Client-server and Web Developers
- Data Modelers
- Others Seeking Training in Object-Oriented Modeling and the Unified Modeling Language

### Six Ways to Benefit

1. Learn the fundamentals of the object-oriented approach.
2. Learn how to approach a new problem.
3. Analyze a problem without focusing on the details of a language.
4. Communicate models/software with stakeholders in plain English.
5. Automatically create code from UML diagrams.

### Course Information

**Course Instructor**

Dr. Petraq Papajorgji is a member of the Software Group at the Information Technologies Office at the University of Florida, Institute of Food and Agricultural Sciences. He has more than 20 years of experience in developing software, and has been a software consultant with IBM, Florida Power & Light and SSI International. He has been part of a group that has organized several similar short courses internationally in a number of countries including Brazil, Greece and Mexico. His expertise is in modeling using UML and the object-oriented paradigm. For more information about Dr. Papajorgji, visit his home page at: [http://petraq.ifas.ufl.edu](http://petraq.ifas.ufl.edu)

**Training Site**

This course will be held on campus in the University of Florida’s Distance Education Learning Center located on the first floor of McCarty Hall D, Room #G001. A map with detailed directions and a UF parking permit will be mailed to you upon receipt of your registration.

[http://conference.ifas.ufl.edu/UML](http://conference.ifas.ufl.edu/UML)
Registration Fee
All figures are presented in US dollars ($).
Early Reduced Registration: $495
(Before February 1, 2004 or until the course is full)
Regular Registration: $595
(After February 1, 2004)

What Does the Fee Include?
The full registration fee includes instructional materials on CDROM, and a laptop will be provided for each group of two participants. Participants are on their own for all meals. Enrollment in this course is limited to the first 20 participants, and registrations will be accepted on a first-come, first-served basis.

REFUND POLICY
Requests for registration refunds will be honored if the Office of Conferences and Institutes receives written notification on or before March 1, 2004. A $125.00 processing fee will be deducted from all refunds. Sorry, no refunds will be honored for cancellations after March 1, 2004.

SPECIAL NEEDS
Participants with special needs can be reasonably accommodated by contacting the Office of Conferences & Institutes at least 10 working days prior to the conference. We can be reached by phone at 1-352-392-5930, by fax at 1-352-392-9734, or by calling 1-800-955-8771 (TDD), within the state of Florida.

Course Topics
- Fundamentals of the object-oriented paradigm
- Fundamental concepts of the UML
- Modeling system behavior with use-cases
- The use-case model
- Interaction diagrams
- Class diagrams
- Sequence diagrams
- Forward and reverse engineering demo
- Simple project developed using object-oriented principles and UML

Expected Results
- Understand the basic principles of the object-oriented paradigm
- Understand what the UML represents
- Understand abstraction, encapsulation, modularity and hierarchy
- Build the physical structure of a class
- Understand the differences between a class and an object
- Understand how objects communicate with each other
- Understand the reverse engineering-process

Questions?
Registration Information:
UNIVERSITY OF FLORIDA/IFAS
OFFICE OF CONFERENCES & INSTITUTES (OCI)
Building 639 Mowry Road
PO Box 110750
Gainesville, FL 32611-0750
PHONE: (352) 392-5930
FAX: (352) 392-9734
EMAIL: conf@gnv.ifas.ufl.edu

Training Information:
Petraq Papajorgji - Course Organizer
University of Florida / IFAS
Information Technologies Office
PO Box 110495
Gainesville, FL 32611-0495
PHONE: (352) 846-3219
FAX: (352) 392-5857
EMAIL: petraq@mail.ifas.ufl.edu

Hotel Information
Several hotel and motel establishments are available in the Gainesville area to provide guest room accommodations throughout the course. Participants are responsible for making their own hotel guest room reservations, and a list of properties and applicable guest room rates will be sent to you upon confirmation of your registration.
Object-Oriented Modeling and Unified Modeling Language
March 9-10, 2004 • Gainesville, FL USA
Project # 2004-08

Please Print

Name: (first) __________________________________________ (last) __________________________________________
Affiliation: _________________________________________________________________________________________
Business Address: __________________________________________ City: __________________ State: ______ Zip: ______
Phone: __________________________ FAX: __________________________ Email: __________________________

Registration Fee (The registration fee includes one copy of instructional materials on CDROM, and a laptop will be provided for each group of two participants. Participants are on their own for all meals. Enrollment in this course is limited to the first 20 participants, and registrations will be accepted on a first-come, first-served basis.)

$495 Early Reduced Registration Fee (Before February 1, 2004 or until course is full.)
$595 Regular Registration Fee (After February 1, 2004, if space is available.)

Early registration deadline is February 1, 2004. To qualify for the early registration fee, payment must accompany this registration form.

Conveniently register in one of three easy ways:
1) ONLINE: If paying by credit card, conveniently register online via the institute's website located at: conference.ifas.ufl.edu/UML
2) BY FAX: If paying by credit card, complete and FAX your registration to: (352) 392-9734.
3) BY MAIL: Make check, money order or purchase order payable to UF Leadership and Education Foundation (UFLEF), complete the registration form and mail it with payment to: UML Short Course UF/IFAS Office of Conferences & Institutes (OCI) PO Box 110750 Gainesville, FL 32611-0750 PHONE: (352) 392-5930

* If making payment for multiple registrants, submit a form for each person and list all names on the form of payment. This will ensure proper crediting for each registrant.
* Payment receipts will be mailed within 10 days of receiving your payment.

Refund Policy: Requests for registration refunds will be honored if written notification of cancellation is received by the Office of Conferences & Institutes on or before March 1, 2004. A $125.00 processing fee will be deducted from all refunds. Sorry, no refunds will be honored for cancellations after March 1, 2004.

OFFICE USE ONLY
Receipt #: __________________________ Check #: __________________________ CASH: __________________________
Date received: ___________ PO #: __________________________ Money Order: __________________________ Amount received: __________________________