

CPE/CSC 580

Artificial Intelligence – Intelligent Agents

Spring 2006

Franz J. Kurfess

*Computer Science Department
California Polytechnic State University
San Luis Obispo*

Course Overview

Introduction

Agent Architectures

Multi-Agent Systems

Problem-Solving Agents

Knowledge-Based Agents

Planning Agents

Learning Agents

Communicating Agents

Implementation Languages for Agents

Information Filtering and Searching

Applications

- Business Applications
- Medical Applications
- Manufacturing Applications

Agents as Reuse Methodology

Mobility in Agents

Multi-Agent Interaction

Security

Outlook