

## Master Syllabus

### HMT 1137 - Hospitality Industry Computer Systems

**Division:** Business and Public Services

**Department:** Hospitality Management

**Credit Hour Total:** 2.0

**Lecture Hrs:** 2.0

**Prerequisite(s):** HMT 1105 AND BIS 1120

**Date Revised:** February 2014

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#### Course Description:

Students will learn about computer-based property management systems, involving both front- and back-of-the-house operations. The course is designed to show the inter-related computer functions of an entire full-service lodging property with departments such as food and beverage service outlets, sales, front office, etc.

#### General Education Outcomes:

- ▣ Oral Communication Competency
- ▣ Written Communication Competency
- ▣ Critical Thinking/Problem Solving Competency
- ▣ Values/Citizenship/Community Competency
- ▣ Computer Literacy Competency

#### Course Outcomes:

##### Analyze Yield Management

Analyze and conclude the different advantages of using yield management software as it pertains to sales analysis, profit, pre-costing, post-costing, menu management, and back office accounting applications.

**Assessment Method:** Locally developed exams

**Performance Criteria:** Score 70% accuracy or above

**Assessment Method:** Oral examination

**Performance Criteria:** Score 70% accuracy or above

##### Food and Beverage Service Automation

Describe advances in food and beverage automation, including sophisticated input devices, POS systems and microcomputer interfaces, integrated food and beverage service software, forecasting applications software, and catering software packages.

**Assessment Method:** Locally developed exams

**Performance Criteria:** Score 70% accuracy or above

**Assessment Method:** Oral examination

**Performance Criteria:** Score 70% accuracy or above

##### Property Management System

Design a comprehensive property management system (PMS) for a Full Service Luxury Hotel.

**Assessment Method:** Locally developed exams

**Performance Criteria:** Score 70% accuracy or above

**Assessment Method:** Oral examination

**Performance Criteria:** Score 70% accuracy or above

##### Software Applications

Perform basic functions on the PMS computer system within the Tartan Terrace Restaurant by producing electronic spreadsheets for inventory, work schedules, shift demand, and menu analysis.

**Assessment Method:** Locally developed exams

**Performance Criteria:** Score 70% accuracy or above

**Assessment Method:** Simulations

**Performance Criteria:** Score 70% accuracy or above

#### Outline:

The Property Management System (PMS)  
Software Application and PMS Modules  
Food and Beverage Service Automation  
Yield Management Software