

DATA ADMINISTRATION
University of Kentucky Information Resource Management
Project Request Form PRF - 00025

Start Date 3/6/2002	Received 3/6/2002	Status InProgress
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Title Course Management Data Mart

Sector Provost

Dept Planning & Institutional Effectiveness, Office of Undergraduate Admission & University Registrar

Requested By Connie Ray, Don Witt

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SectorUnitAffected: All academic areas, and administrative units responsible for facilities management.

System DataWarehouse	SubSystem	Type IV
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<i>Mandates</i>					
Regulatory/Statutory	Yes	UK Strategic Indicator(s)	Yes	Accreditation Requirements	No
		University-Wide Needs	Yes	Other	No

Requirements/Issues Strategic Indicators: 9, 16, 18, 21, 36. Also, this will improve the accuracy of our reporting to the CPE.

Reference #s Strategic Indicators: 9, 16, 18, 21, 36.

Description The goals of the Course Management Data Mart are to collect, cleanse, summarize and analyze course related data to: 1) improve the ability of UK to meet the course demand requests by students, 2) increase the average hours of usage for classrooms and labs, 3) increase the average percent of capacity for classrooms and labs, 4) more accurately report classroom utilization data to the CPE, 5) improve student satisfaction, 6) improve retention, and 7) increase the percentage of full-time undergraduate students who earn a baccalaureate degree within six years of matriculation. Course related data could include data from SIS, faculty information from FRS and FES, Facilities data, Course Demand data from VIP, and budget data from FRS.

Key Issues

Costs There will be costs associated with the IT programming time for extract and transfer of course related data into the Warehouse, system administration time, and time to create Oracle database elements and data definitions. There will also be additional costs associated with report generator software, training, development of user documentation, disk space for storage of multiple snapshots of the same data, and costs associated with the backup and archival of data. In addition, there will be costs associated with cleansing the data.

AvailableFunding No available funding beyond that currently budgeted within the IT personnel and operational budget.

Funding Requirements Funding requirements are unknown until detailed analysis determines what new resources are required.

Benefits Improved reporting to the CPE resulting in potential budget impact in future years, improved efficiency in utilization of UK resources, improved student satisfaction and possibly improved retention rates, and reduction in the average time for undergraduates to graduate.

Deadline None required, but ASAP preferred.

Risk No specific risk except the present inability to provide critical information in a timely and accurate manner to support management decisions.

Policy/Procedure Need to get agreement from all interested parties on the timing/dates of the extracts, establish procedures to ensure the data is accurate and entered on a timely basis into the

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online systems, to determine what data is available in the warehouse for what period of time and if/how archived data can be retrieved, and to establish training and support for users so the University receives the maximum benefit from the Data Warehouse.

Suggested Priority 2 (this is the next Data Warehouse priority behind the GASB project.)

Steward Ray, Connie

StewardApproval 3/6/2002

Dir IRM 1st Review: 3/6/2002