American River College
Data/Report Automation Project

Intent: To develop a SQL data structure to house Kale's S18-to-present daily Enrollment, WSCH, and FTEF spreadsheets derived from DO data sources, to serve as the backend for future reporting and prediction capabilites ARC develops to support ARC's enrollment management and related needs.

The following represents the data elements Kale has since S18 downloaded on a near-daily basis from Crystal reports, as well as DO's MSF database. Additional elements deemed potentially useful for filtering enrollment, WSCH, and FTEF data appear below, at right. *Are there other data elements from other existing DO sources (e.g., perhaps from the Socrates database) that might also be potentially valuable for filtering the data for enrollment management purposes? Also, think in terms of reporting capabilities for load balancing*, adjunct preference*, and adjunct load monitoring* that might eventually also be fulfilled from this data set.*

Crystal & MSF Fields Kale's Enrollment Mgmt Process Currently Utilizes

LOCATION	ROOM	CensusProductivity
DIV	INSTRCTR	MaxProductivity
PSNUM	INSTRUCTOR_EMPLID	LecLabSec
SECT	FACULTY_FULL_PART	LecLabFTE
SCTN_CMB_ID	FTE	LecLabProd
SUBJ_CD	GrantFunded	DivProdRemoved
CLASS_DESCR	MAX_UNIT	DeptProdRemoved
LEC_LAB	HRS_WK	Score
SB_TM	HRS_RQD	ScoreNar
TYPE_CD	SEM_WSCH	BreakEven
ASSOCIATED_CLASS	CENSUS_SIZE	Class
ENRL_STAT	CURR_SIZE	LoL
ATT_TP	ConcEnroll	mSize
BEG_TIME	ConcNote	Fill_Rate
END_TIME	MAX_SIZE	Recommendation
DAYS	WAIT_LIST	FTEtot
START_DATE	PER_OF_MAX	enroll
END_DATE	CLS_STAT	CrystalDate
DaysToStart	INS_MOD	KEY
MeetingPat	VAR_UNT	SEMTERM
BUILDING	CurProductivity	

Additional Fields Deemed Useful as Reporting Filters

Modality
STRM
STRM_Desc
#_Instr_Days (# of days for daily
   attendance WSCH calculation)
Hrs_Req (hours scheduled weekly)

* Additional Fields Potentially Useful for Related Purposes

Faculty reassignment identifier
Preference identifier