

Creative Solutions for Degree Audit and Graduation

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MacEwan Overview



- 4 campuses in Edmonton, Alberta
- 10,500 full time equivalent (34,000 heads) split equally between credit and non credit
- 60 plus certificate and diploma programs
- 10 University Transfer programs
- 4 Applied and 4 Bachelor degree programs
- Datatel client since 1995
- Student, Finance and Human Resources
- R18 live date – October 2007

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State of affairs...

- SEP Student Educational Planning
- Basic SEP requirements set up to assist with manual audit against college calendar
- Winter term took 12 people 3 months to process graduations and send parchment to students – repeated again for spring term
- 27 years of legacy data not converted

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Issues and Challenges

- Full year courses (co-requisite sections)
- Redefining grade values
- Repeat usage from AVG to BEST
- Retake policy
- Transfer credit
- Degree program requirements
- Convocation to Graduation

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Full Year Courses

- For scheduling, billing, loan verification and enrollment reporting purposes must exist as two 3 credit sections
- For transcript and SEP purposes must exist as one 6 credit course
- Academics not yet prepared to consider creating two separate courses

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Solution – Full Year Courses

1st half co-requisite section

- Grade of IP (In Progress) that assigns no value to attempted, completed and GPA credits
- Unique credit type of NSEP to exclude record from the transcript grouping used for SEP
- Paragraph to assign IP grade by batch using modify command

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Solution – Full Year Courses

- Update conversion factor at time of registration
 - Used a pre-write database trigger to populate the conversion factor back to the STC record for full-year courses only. Sets conversion to zero or 2 depending on if it's 1st or 2nd half of course.
- Retake policy with subroutine to check for co-requisite sections and treat as one attempt

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Solution – Full Year Courses cont'd

- New transcript grouping assigned on PROG that excludes NSEP credit type
- SEP customization to check the conversion factor for anticipated earned credit
 - Customized S.ANALYZE.STC.RECORDS (DA EVAL subroutine) to multiply out the conversion factor for 'ungraded' courses

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Degree Program Requirements

- CUSTOM.MATCH
 - DMAX – maximum 6 credits in major with D or D+ grade
 - MAX100 – maximum of 48 credits at 100 level
 - RESGEN – for resident credit for all Academic Goal Contributors (STUDENT.ACAD.CRED or STUDENT.PLANNED.COURSES)
 - RESMAJ – for resident credit within Major
 - RESMAJ_2 – for B400 level resident credit within Major
 - RESMIN – for resident credit within Minor
 - RESMIN_2 – for B400 level resident credit within Minor
 - STALE_DATE – for time/calendar/catalog to complete the credential

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Sort of Automating the Graduation Process

- Custom screen XGSL to create savedlists by program from graduates file
- Customized BEVL to create DA.EVAL.WORK (work file) for Completed as well as All
- Custom screen XCSL to create savedlists by program of completed requirements only
- Customizing UACF to use specific transcript grouping of CRED not program default of NSEP

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Graduation GPA

- Creation of XGGP to calculate graduation GPA
- GPA1 or GPA2 rules not useful due to course work not relevant to credential
- Reads SEP evaluation results stored in DA.EVAL.WORK

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XGGP Grad GPA Report/Update



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Graduation GPA cont'd

- Updates data used in calculating GPA into ACAD.CREDENTIALS file in ACAD.COMMENTS field

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GGPA details

07-07-30 23:23 Academic Credential Comments UTEC

1 - Comments:
1: GGPA GPA = 3.250 Posted on 07-07-19 Using:

2: term	COURSE	Grd	Cred	GrdPt	ID
3: 2006FA	UCDF-130	C-	4.00	0.00000	(2870120)
4: 2006FA	ENGL-111	B-	3.00	0.40000	(2906792)
5: 2006FA	UCDM-160	A-	3.00	11.00000	(2870122)
6: 2006FA	UCDM-151	A-	3.00	11.00000	(2870121)
7: 2007WI	UCDF-100	B+	5.00	16.50000	(2870230)
8: 2007WI	UCDF-110	A-	5.00	10.50000	(2870233)
9: 2007WI	UCDF-140	B-	2.00	5.40000	(2870232)
10: 2007SP	UCDF-120	A	5.00	20.00000	(2870233)
11:					
12:					
13:					
14:					
15:					

Controller Comments Value 1-10

V1.200 11/04/07 23:25 (update)

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Questions

- ??????

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