



Brookhaven College

DALLAS COUNTY COMMUNITY COLLEGE DISTRICT

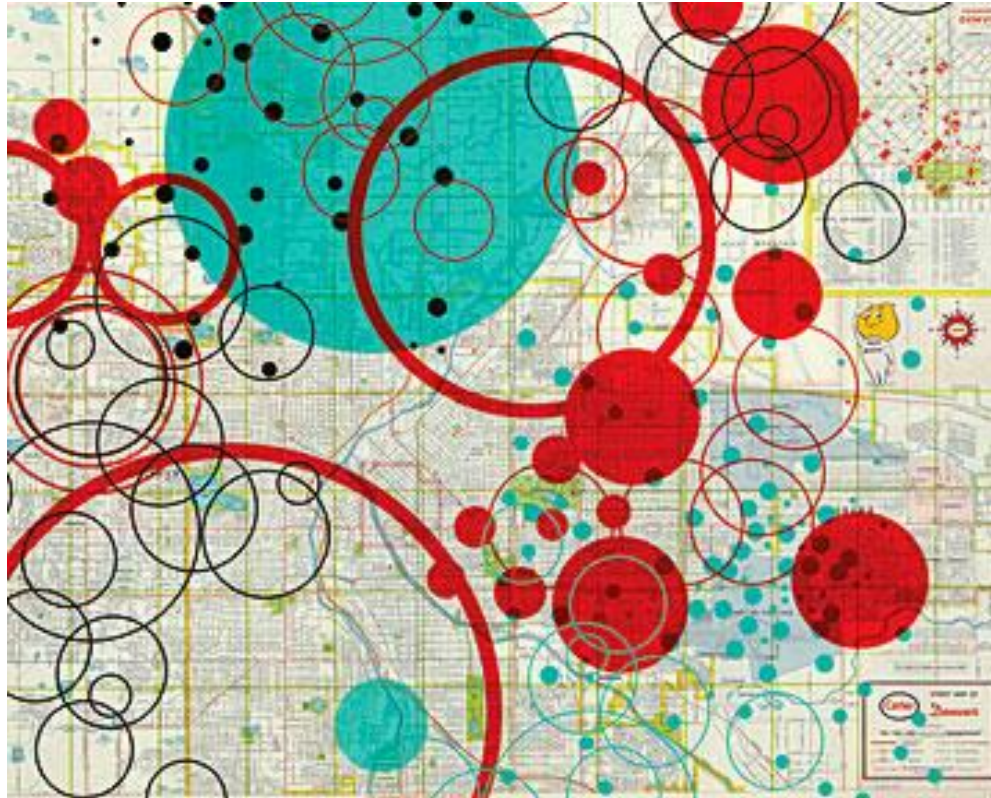
Brookhaven College Analytics

Office of Planning, Research and Institutional Effectiveness

Texas Association for Instructional Research
37th Annual Conference
Addison, Texas

Definition

- ▶ **Analytics** is the discovery and communication of meaningful patterns in data. The data are usually presented in a interactive visual display (Maps, Graphs, Tables)
- ▶ For example: Amazon.com



Components of the Analytic System

- ▶ 1. An online Degree Plan Application for students and degree plan graduation auditors.
- ▶ 2. A Program Improvement (Program Review) System provides data-mart services to faculty with both aggregated and disaggregated student success data to conduct discipline program reviews.

Components of the Analytic System

- ▶ 3. A Position Request System used to propose new full-time positions in instructional divisions; and
- ▶ 4. A Financial Reporting System used to provide enrollment and contact hour data for any division or discipline using Colleague and Texas Higher Education Coordinating Board certified data.

Public-Private Partnership

- ▶ The Office of Planning, Research and Institutional Effectiveness partnered with Mach-B Technologies of Irving, Texas to develop the online system which uses a Sequential Query Language (SQL) server paired with an Internet Information server to form a robust data-mart.

Cost of the System

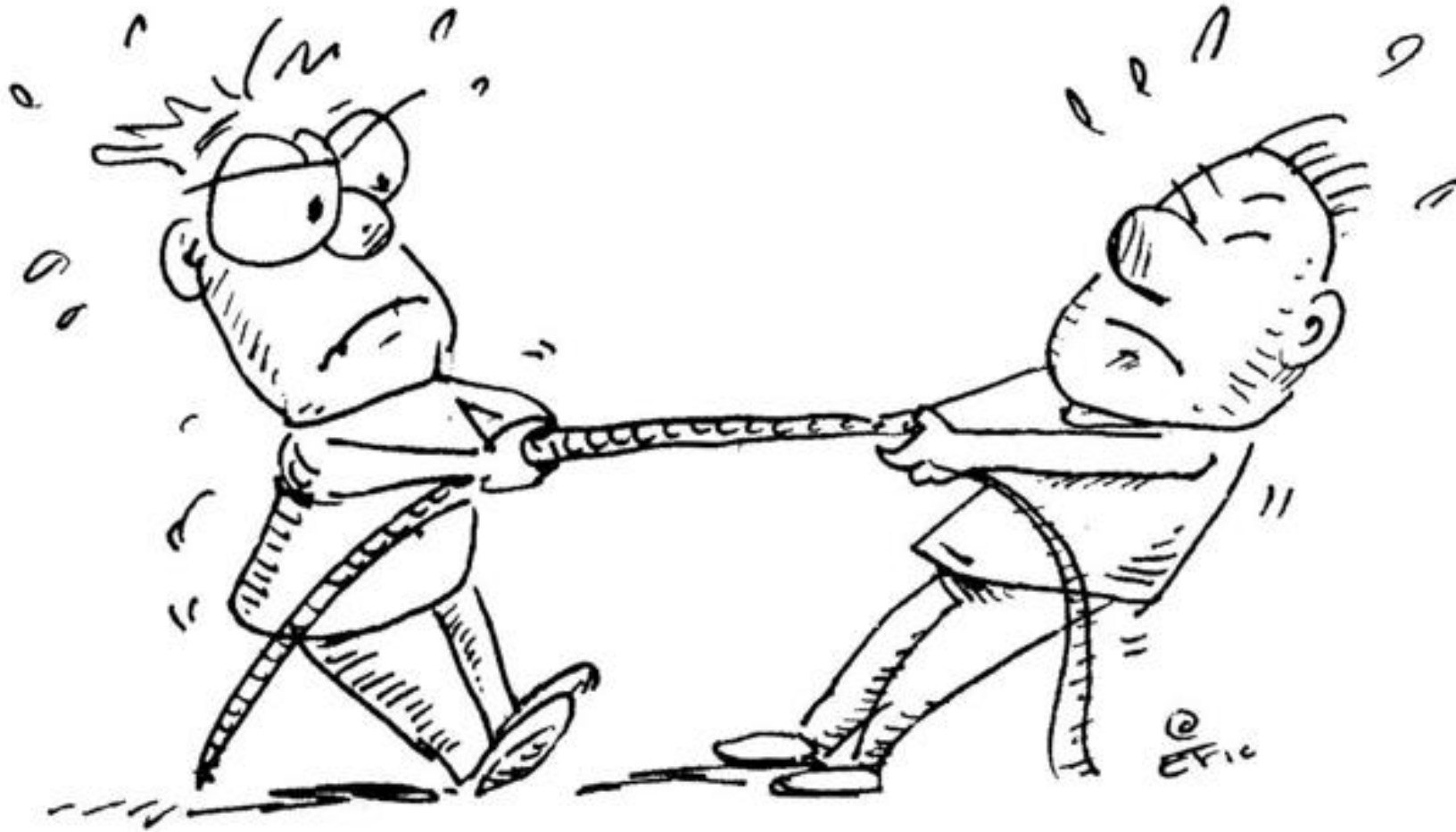
Degree Plan Request	\$ 10,000.00
Position Request	\$ 4,000.00
Program Improvement	\$ 13,000.00
Change Request	\$ 2,000.00
<u>Financial System</u>	<u>\$ 21,000.00</u>
Grand Total	\$50,000.00

Ongoing costs of \$20,000 per year for support and maintenance

Coordinating Board Master Files versus Colleague Reporting

- ▶ CBM 004 - Course file - certified
- ▶ CBM 001 - Student file - certified
- ▶ CBM OOS - End of Semester - Student file - certified data
- ▶ Colleague - Live System Data - non-certified data

```
HY2K021002CBM00422011C0096
4021002ACCT 2301 2200 0300 111004852030151041
4021002ACCT 2301 2251F0300 111004852030151041
4021002ACCT 2301 2420F0300 119004852030151042
4021002ACCT 2301 2420 0300 119004852030151042
4021002ACCT 2301 2421F0300 119004852030151042
4021002ACCT 2301 2422F0300 119004852030151042
4021002ACCT 2301 2423F0300 119004852030151042
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4021002ACCT 2301 2425F0300 119004852030151042
4021002ACCT 2301 2426F0300 119004852030151042
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4021002ACCT 2301 2427F0300 119004852030151042
4021002ACCT 2301 9004 0300 119004852030151042
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4021002ACCT 2302 2250F0300 111004852030151041
4021002ACCT 2302 2420F0300 119004852030151042
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4021002ACCT 2302 2421F0300 119004852030151042
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4021002ACCT 2302 2425F0300 119004852030151042
4021002ACCT 2302 2426F0300 119004852030151042
4021002ACCT 2302 2426 0300 119004852030151042
4021002ACCT 2302 9001F0300 119004852030151042
```

Certified Data

vs.

Colleague Data

The Data Cross-Walk



<u>Pgm</u>	GL Acct #	Cours e	Course Title	Department	<u>Acad/</u> <u>Tech</u>	<u>CIP</u> <u>Code</u>
Accounting Assoc	505412	ACCT-2402	<u>Prin Acct II</u>	2BUWF	A	520301 5104
WF/CCE	577000	ACNT-1001	Beginning Bookkeeping	2CE	T	520302 0004
Visual Communications	505593	ARTC-1392	<u>Spec Tpcs in Dsgn & Visu</u> <u>Commu Special T</u>	2BUWF	T	500401 0026
WF/CCE	577000	ARTC-2005	Digital Imaging II	2CE	T	500409 0026
Art	403031	ARTS-2349	Digital Art II	2FAPE	A	500402 5226
Photography	402628	ARTS-2356	Photography I	2FAPE	A	500605 5126
Automotive Tech	505521	AUMT-1391	Special Topics in Auto/Automotive <u>Mechan</u>	2BUWF	T	470604 0020

Crosswalk to map course data to departments, programs and financial accounts.

System Components

- ▶ Microsoft SQL Server 2012 R2
- ▶ Web Server (IIS) 2012 R2
- ▶ ASP.NET Programmer
- ▶ Cooperation
- ▶ Collaboration
- ▶ Transparency

Brookhaven College Degree Plan Application

DEGREE PLAN REQUEST DALLAS COUNTY COMMUNITY COLLEGE DISTRICT

UNOFFICIAL EVALUATIONS may be requested at the Counseling or Advising Center. This form is for an Official Evaluation of your academic credentials. Degree Plans may be requested any time during your first term or any subsequent terms within the DCCCD, provided ALL official transcripts are on file at the college from which you request the evaluation. THIS IS NOT AN APPLICATION FOR GRADUATION NOR A DIPLOMA. You may contact the Registrar's Office at your college for a Graduation Application form.

PERSONAL INFORMATION: (Please Print Clearly)

Student I.D. Number: _____ Full Name: _____
(Last) (First) (MI)

Give names (if different from above) that are on transcripts from other institutions: _____

ADDRESS:	APT #:	CITY:	STATE:	ZIP:
E-MAIL ADDRESS:		HOME PHONE NUMBER:	BUSINESS PHONE NUMBER:	

STUDENT STATUS: (CHECK ALL THAT APPLY)

- DCCCD hours only
 Attended other Colleges or Universities (You must have ALL Official Transcripts on file at the college from which you request the Degree Plan.)
 Receiving **VA Benefits** (You must have a Degree Plan to be certified.)
 Receiving **Financial Aid Benefits** (You must have a Degree Plan to be certified.)

DEGREE OR CERTIFICATE TYPE: (CHECK ONE)

- Associate in Arts - General Associate in Arts - (Specify Emphasis/FOS Program): _____
 Associate in Science - General Associate in Science - (Specify Emphasis/FOS Program): _____
 Associate of Arts in Teaching (Specify Academic Program): _____
 Associate in Applied Science (Specify Technical Program): _____
 Certificate (Specify Technical Program): _____
 Enhanced Skills Certificate (Specify Skills Area): _____
(This Certificate is awarded only to students who have already completed or are concurrently completing the Associate in Applied Science Degree.)
 Skills Achievement Award (Specify Skills Area): _____

CATALOG YEAR: If you do not indicate a catalog year, the current catalog year will be used. Your program requirements must be completed within five years of the effective date of the catalog year chosen.

I choose catalog year: _____

I plan to complete all requirements for graduation: Semester _____ Year _____

The DCCCD reserves the right to make changes to Degree Plans at any time to reflect Board Policies, Administrative, State and Federal Regulations.

PREVIOUS COLLEGES ATTENDED: Please be advised, it is YOUR responsibility to provide ALL Official Transcripts to the college from which you request the Degree Plan and be aware that processing will not begin until ALL Transcripts are received at the college.

List all Colleges attended OUTSIDE the DCCCD	Transcripts are on file at which DCCCD College?	Transcripts have been evaluated?
	<input type="checkbox"/> BHC <input type="checkbox"/> CVC <input type="checkbox"/> EFC <input type="checkbox"/> ECC <input type="checkbox"/> MVC <input type="checkbox"/> NLC <input type="checkbox"/> RLC	<input type="checkbox"/> Yes, when _____ <input type="checkbox"/> No
	<input type="checkbox"/> BHC <input type="checkbox"/> CVC <input type="checkbox"/> EFC <input type="checkbox"/> ECC <input type="checkbox"/> MVC <input type="checkbox"/> NLC <input type="checkbox"/> RLC	<input type="checkbox"/> Yes, when _____ <input type="checkbox"/> No
	<input type="checkbox"/> BHC <input type="checkbox"/> CVC <input type="checkbox"/> EFC <input type="checkbox"/> ECC <input type="checkbox"/> MVC <input type="checkbox"/> NLC <input type="checkbox"/> RLC	<input type="checkbox"/> Yes, when _____ <input type="checkbox"/> No
	<input type="checkbox"/> BHC <input type="checkbox"/> CVC <input type="checkbox"/> EFC <input type="checkbox"/> ECC <input type="checkbox"/> MVC <input type="checkbox"/> NLC <input type="checkbox"/> RLC	<input type="checkbox"/> Yes, when _____ <input type="checkbox"/> No

STUDENT SIGNATURE: _____	DATE: _____
--------------------------	-------------

OFFICE USE ONLY		
DATE RECEIVED: _____	STAFF INITIALS: _____	DATE RETURNED: _____
DATE MAILED: _____		REASON RETURNED: _____



Plan to Complete

[Brookhaven College](#) » [Student Services](#) » [Advising](#) » [Plan to Complete](#)

[Admissions](#)

[Advising](#) ▶

[Advisement](#)

[Advising Syllabus](#)

[Assessment Testing](#)

[FAQs](#)

[Meningitis Requirement](#)

[Student Services Complaint Form](#)

[Prepare for transfer](#)

[Texas Success Initiative \(TSI\)](#)

[TSI Exemptions and Waivers](#)

[Probation and Suspension](#)

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[Cashiers](#)

[Counseling](#)

[Disability Support Services](#)

Complete your degree plan online.

A degree plan is the outline of the classes required to complete a credential whether it is a skills award, certificate or associate degree. BEFORE you start the form, you will need to confirm a couple of things.

1. Select the right college catalog.

The [college catalog](#) specifies the degree requirements and policies and procedures that govern your graduation, so choosing the right catalog is important. You should choose the catalog that coincides with your first year in college, but the catalog you choose must still show as an active catalog.

You may choose to use a more recent catalog year in which you were enrolled, provided the degree requirements are met during that five-year period and the requisite courses are still offered.

2. Know your program.

When you are looking up the catalog, take a look at what your actual program is named and what department/area you it is within. This will make it easier to identify the right program in the form.

3. Complete the online degree plan request.

When you have completed the [degree plan request form](#), it will automatically send a copy to the Admissions Office for review and a copy to the email address associated with your student account.

Who can I contact if I have any questions?

- **Admissions Office**
972-860-4883
bhcAdmissions@dccd.edu

Brookhaven College Degree Plan Create

DEGREE PLAN REQUEST
BROOKHAVEN COLLEGE

UNOFFICIAL EVALUATIONS may be requested at the Advising Center. This form is for an Official Evaluation of your academic credentials. Degree Plans may be requested any time during your first term or any subsequent terms within the DCCCD, provided **ALL official transcripts are on file at the college from which you request the evaluation. THIS IS NOT AN APPLICATION FOR GRADUATION NOR A DIPLOMA.** You may contact the Registrar's Office at your college for a Graduation Application form.

PERSONAL INFORMATION:

Student I.D. Number: Full Name:
(Last) (First) (MI)

Give names (if different from above) that are on transcripts from other institutions:

Address:

E-Mail Address:

STUDENT STATUS: (Check All That Apply)

- DCCCD hours
- Attended other Colleges or Universities (You must have a Degree Plan Request form)
- Receiving **VA Benefits** (You must have a Degree Plan Request form)
- Veteran not receiving VA Benefits
- Receiving **Financial Aid Benefits** (You must have a Degree Plan Request form)

DEGREE OR CERTIFICATE TYPE: (Select)

Degree: Program:

CATALOG YEAR: If you do not indicate a catalog year, the current catalog year will be used. Your program requirements must be completed within five years of the effective date of the catalog year chosen.

I choose catalog year:

I plan to complete all requirements for graduation: Semester Year

The DCCCD reserves the right to make changes to Degree Plans at any time to reflect board policies, administrative, state and federal regulations.

PREVIOUS COLLEGES ATTENDED: Please be advised, it is YOUR responsibility to provide ALL official transcripts to Brookhaven College before you request a

Start a New Request

Please Note: In order to submit a Degree Plan Request through this online form, you **MUST** be currently enrolled. If you have any difficulty entering information into this Degree Plan Request form, please contact the Admissions Office at 972-860-4883 to report your problem and seek resolution.

*Fields are required

*Student I.D. Number:

*First Name: *Last Name: Middle Initial:

OK

Degree Plan Requests

Student ID	Last Name	First Name	Request Date	Auditor	
0002014	Sanders	Joe	2/27/2014	bhcDegreeauditor2MZ@dcccd.edu	
2443790	Gamble	Natalie	022714	bhcDegreeauditor1AL@dcccd.edu	
2771622	Dibb	Thomas	2/27/14	bhcDegreeauditor1AL@dcccd.edu	
1009103	Anthony	Naomi	8/18/2014	bhcDegreeauditor1AL@dcccd.edu	
1827051	Phillips	Daniel	8/19/2014	bhcDegreeauditorVA@dcccd.edu	
0146987	Rady	Frances	8/20/2014	bhcDegreeauditor2MZ@dcccd.edu	
0146987	Rady	Frances	8/20/2014	bhcDegreeauditor2MZ@dcccd.edu	
2767740	Niblick	Andrea	8/21/2014	bhcDegreeauditor2MZ@dcccd.edu	
2733095	ZHANG	NI	8/28/2014	bhcDegreeauditor2MZ@dcccd.edu	
1921839	Holt	Kellee	9/24/14	bhcDegreeauditor1AL@dcccd.edu	
1921839	Holt	Kellee	9/24/14	bhcDegreeauditor1AL@dcccd.edu	

Degree Plan Requests

Catalog Years

Row Labels

	2011	2012	2013	2014	2015	Grand Total
Associate in Applied Science	5	4	13	36	35	93
Accounting, AAS	4	2	1	6	6	19
Associate Degree Nursing, AAS				1	4	5
Business Administration, AAS		2	4	3	1	10
Business Marketing, AAS				1		1
Child Development, AAS			1	1		2
Dealership-Sponsored Technician, AAS				16	3	19
Executive Assistant, AAS	1			1		2
Geographic Information Systems Specialist, AAS					2	2
Management, AAS					2	2
Network Administrator and Support, AAS					1	1
Paramedicine, AAS					8	8
Personal Computer Support, AAS			1		2	3
Radiologic Sciences, AAS				2	1	3
Service Technician, AAS			2	3	4	9
Software Programmer/Developer, AAS			2	1		3
Visual Communications, AAS			2		1	3
Web Production and Design, AAS				1		1
Grand Total	5	4	13	36	35	93

Program

- Accounting, AAS
- Associate Degree N...
- Business Administr...
- Business Marketing...
- Child Development...
- Dealership-Sponso...
- Executive Assistant...
- Geographic Inform...

Degree

- Associate in Applie...
- Associate in Arts - ...
- Associate in Arts - S...
- Associate in Scienc...
- Associate in Scienc...
- Associate of Arts in ...
- Certificate
- Skills Achievement ...

Analytics Login

Edugence has confidential student data that is protected by the Family Educational Rights and Privacy Act (FERPA) act of 1974.

By logging into Edugence, you agree to adhere to all laws as defined by the FERPA act.


For additional information go to: [FERPA Policy](#)

Log in to my account

User name

Password

Remember me? [Forgot Password](#)










[TEA Resources](#)

This site is best viewed using Google Chrome. [Click here](#) to download Google Chrome.

Analytic System First Page

← → ↻ 🏠 analytics.brookhavencollege.edu ☆ ☰

      Welcome Michael!
[Log off](#)  [Help](#)

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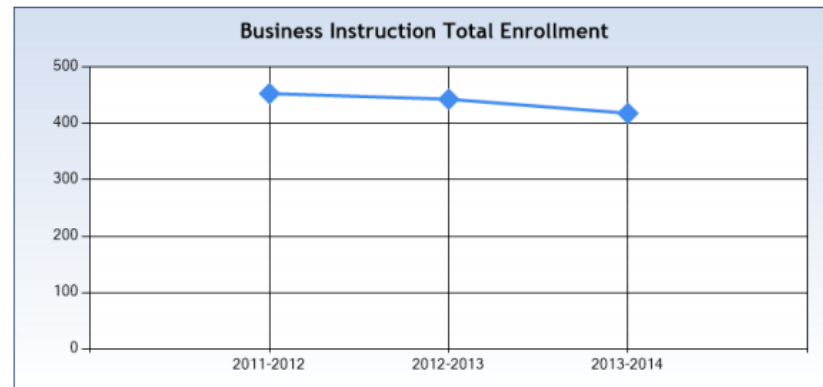
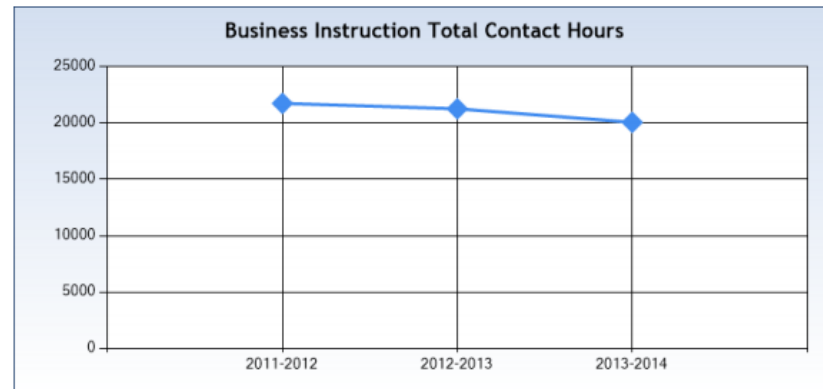
Position Requests

Job Title	Area	Budget Year	Requested By	Request Date	Last Modified	Modified By	Status	
faculty	Discipline/Workgroup	2014	sarah	5/15/2014	05/15/2014 11:43 AM		Saved	
	Division	2015	Doris E. Rousey	6/30/2014	null		Saved	
Mathematics Instructor	Discipline/Workgroup	2015	Russell Simmons	7/30/2014	08/01/2014 10:15 AM	testsuperuser	Submitted	
	Discipline/Workgroup	2015	David Newman	8/22/2014	08/22/2014 10:06 AM	drm2431	Saved	
Faculty	Discipline/Workgroup	2015	Juanita Flint	8/27/2014	08/27/2014 11:06 AM	jxf2541	Saved	
Radiologic Sciences Faculty 2015	Discipline/Workgroup	2015	Sharon Watson	8/29/2014	09/22/2014 09:03 AM	sxw2465	Submitted	
Executive Dean, Mathematics and Science	Division	2015	Claire Bambrough	9/8/2014	09/22/2014 02:44 PM	cmb2460	Submitted	
Biology Faculty 2015 (test)	Discipline/Workgroup	2015	Claire Bambrough	9/8/2014	09/08/2014 11:20 AM	cmb2460	Saved	
Chemistry Faculty 2015 (test)	Discipline/Workgroup	2015	Claire Bambrough	9/8/2014	09/08/2014 11:20 AM	cmb2460	Saved	
Geology Faculty 2015 (test)	Discipline/Workgroup	2015	Claire Bambrough	9/8/2014	09/08/2014 11:24 AM	cmb2460	Saved	
Math/DMAT Faculty 2015	Discipline/Workgroup	2015	Claire Bambrough	9/8/2014	09/22/2014 11:38 AM	cmb2460	Submitted	
GIS Faculty Temporary Full-time Faculty 2015	Discipline/Workgroup	2015	Claire Bambrough	9/8/2014	09/22/2014 11:51 AM	cmb2460	Submitted	
Faculty in EDUC 1300: Learning Framework	Discipline/Workgroup	2015	Jane Rowe test	9/10/2014	09/19/2014 11:03 AM	ejr2797	Submitted	

Business Instruction Enrollment and Contact Hours

	2011-2012	2012-2013	2013-2014
Total Contact Hours	21,744	21,264	20,064
% Change from Previous Year		-2	-6
Total Enrollment	453	443	418
% Change from Previous Year		-2	-6
# of Sections Offered	56	55	50
Average Class Size	8	8	8

¹Source: CBWODS (Texas Higher Education Coordinating Board Report File)
²Any discrepancies in numbers are due to when Flex courses are reported in CBWODS compared to Colleague



Finance Panel

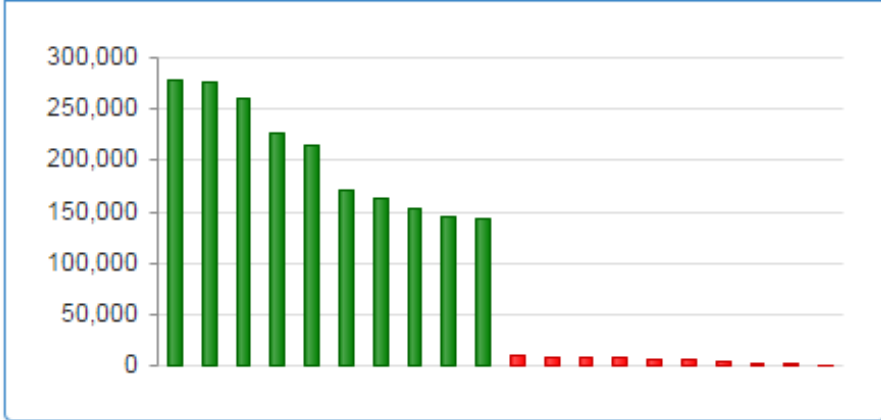
Top Ten/Bottom Ten Contact Hours Change By Discipline for 2013-2014



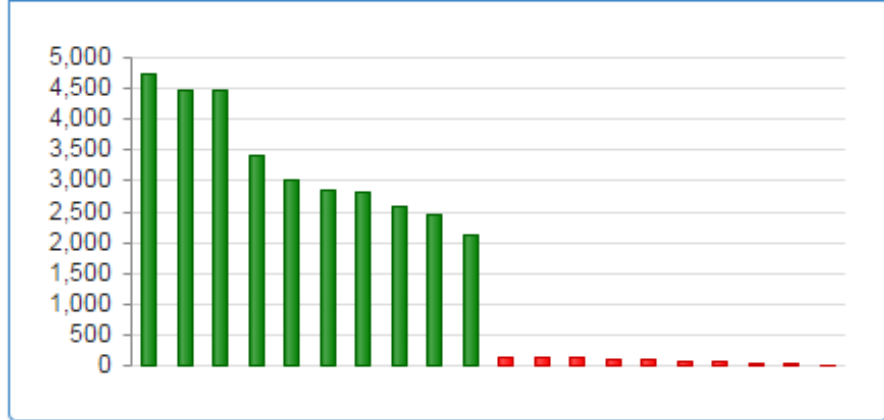
Top Ten/Bottom Ten Enrollment Change By Discipline for 2013-2014



Top Ten/Bottom Ten Contact Hours By Discipline for 2013-2014



Top Ten/Bottom Ten Enrollment By Discipline for 2013-2014

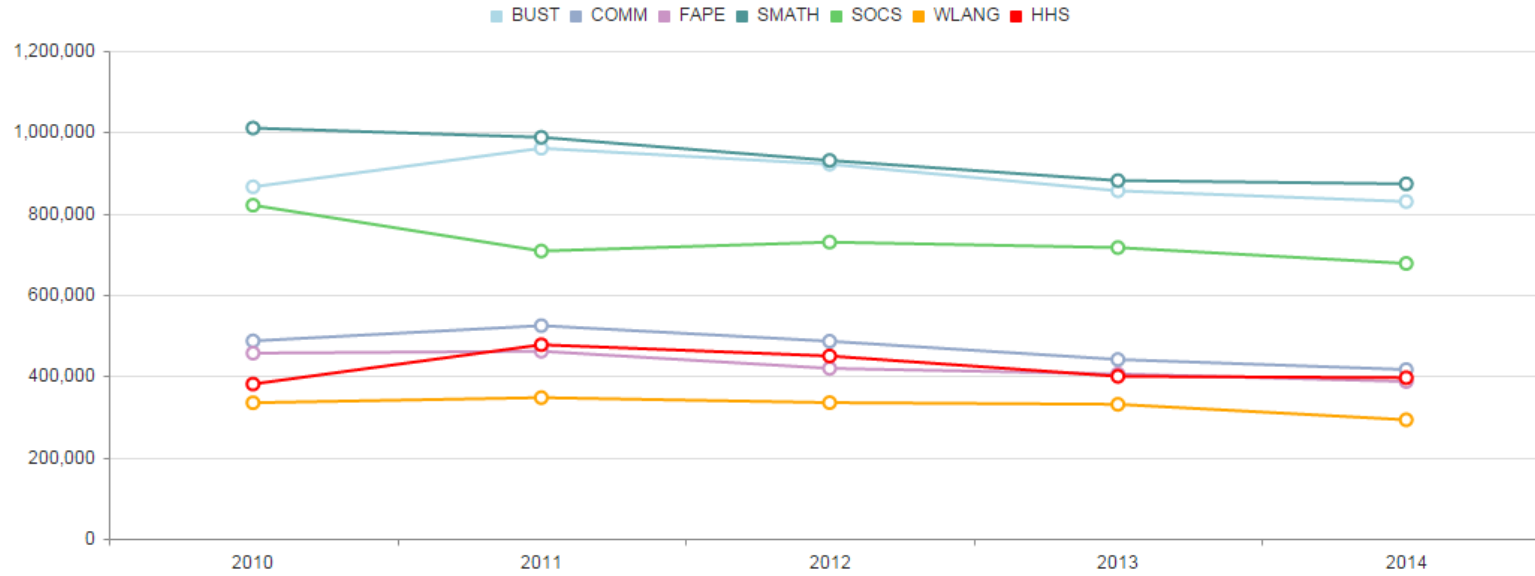


Year Semester Contact Hours Enrollment Division Discipline Course Enter

Chart

Table

Contact Hours By Division



¹ Source: CBM004 (Texas Higher Education Coordinating Board Report File)

² Any discrepancies in numbers are due to when Flex courses are reported in CBM004 compared to Colleague

Chart

Table

Contact Hours By Division: Annual and Cumulative Comparison

Division Code	Division	2013 - 2014	2012 - 2013	2011 - 2012	Change 2013-14	%Change 2013-14	Trend	%Change 2012-14	Trend
▲ Category: All									
BUST	Business Studies	829,440	855,840	921,312	-26,400	-3 %	↓	-10 %	↓
COMM	Communications	416,168	440,936	485,840	-24,768	-6 %	↓	-14 %	↓
FAPE	Fine Arts PE	386,744	405,256	419,024	-18,512	-5 %	↓	-8 %	↓
HHS	Health Hum Svcs	396,048	399,536	449,456	-3,488	-1 %	↓	-12 %	↓
SMATH	Science Math	872,937	881,016	930,544	-8,079	-1 %	↓	-6 %	↓
SOCS	Social Science	677,184	716,176	729,536	-38,992	-5 %	↓	-7 %	↓
WLANG	World Languages	292,529	330,620	334,784	-38,091	-12 %	↓	-13 %	↓
		3,871,050	4,029,380	4,270,496	-158,330	-4 %		-9 %	

¹ Source: CBM004 (Texas Higher Education Coordinating Board Report File)
² Any discrepancies in numbers are due to when Flex courses are reported in CBM004 compared to Colleague

Export to Excel

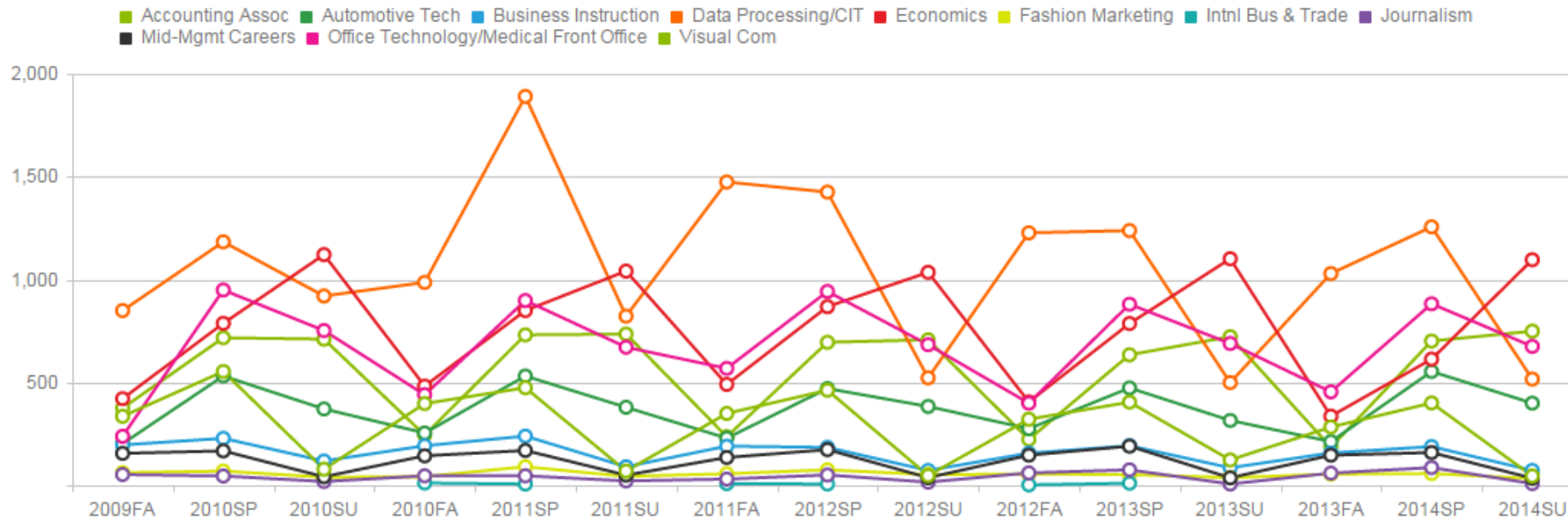
Year Semester Contact Hours Enrollment Division Discipline Course Enter

Chart

Table

Business Studies

Enrollment for Business Studies



¹ Source: CBM004 (Texas Higher Education Coordinating Board Report File)
² Any discrepancies in numbers are due to when Flex courses are reported in CBM004 compared to Colleague

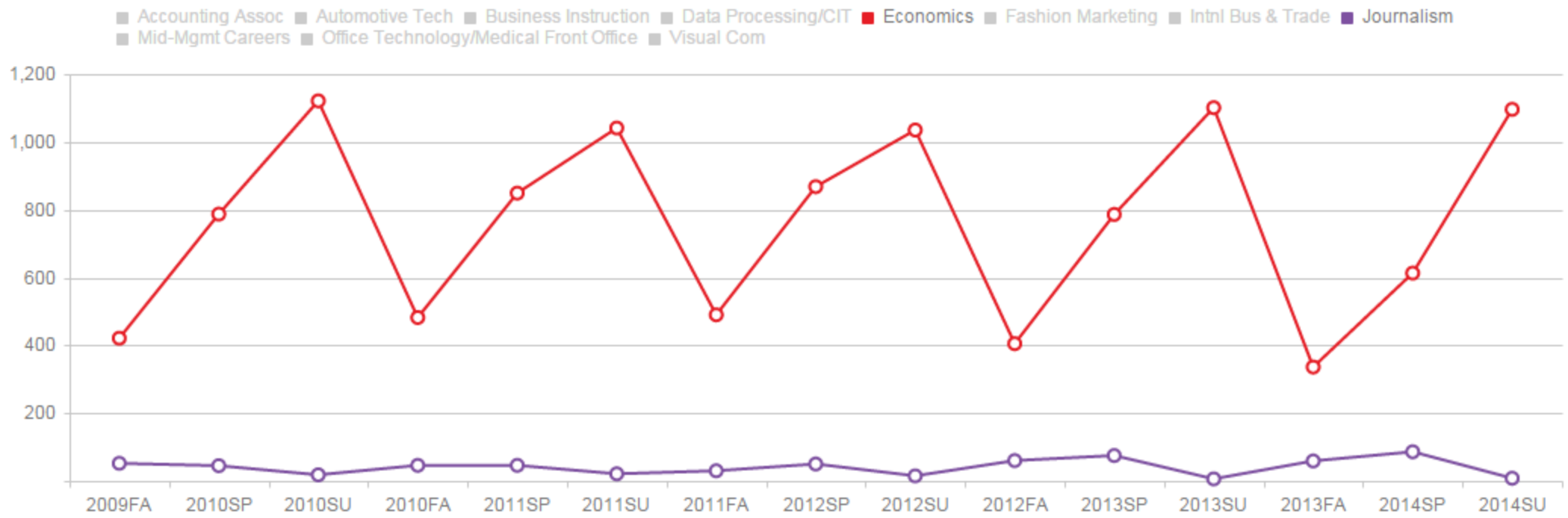
Year Semester Contact Hours Enrollment Division Discipline Course Enter

Chart

Table

Business Studies

Enrollment for Business Studies



¹ Source: CBM004 (Texas Higher Education Coordinating Board Report File)
² Any discrepancies in numbers are due to when Flex courses are reported in CBM004 compared to Colleague

Special Thanks

- ▶ Special thanks go to Cathy Todd and Nader Naser as the principle programmers who have made this system possible and to Marianne Roffino for training all the end users.

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Planning, Research and Institutional Effectiveness

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