

## Overview

There are two options available for the Web Course Request software: **Web Course Request for Students** and **Web Course Request for Counselors**.

There are many advantages to this approach:

- Information is entered directly to the Power Systems/iSeries CIMS® student database eliminating uploads and downloads.
- Student information data is not stored locally on the PC, so if the PCs are not backed up often, previously entered data is safe.
- Custom software does not need to be loaded on each workstation. All programs are run directly from the Power Systems.
- Using Web Course Request programs eliminates the need for scan sheets and barcodes.

## Installation and Setup

There is one piece to Web Course Request - the Power Systems server code. The Power Systems and PC communicate via TCP/IP through a web browser.

Once the Power Systems installation is complete, users are ready to begin using the Web Course Request programs.

## The Basics

The **Web Course Request for Students** software allows students to enter their course requests using a Windows-based program. Students will sign on by entering their student ID and a password (student ID is their CIMS student number and the password is their first and last name). They will be able to enter requests based upon their **next year** grade level. Subject areas will be limited to courses within their graduation requirement plan. The student will be allowed to select which graduation requirement they would like assigned to the requested course if multiple graduation requirements are available. If a requirement is not selected, the system will assign the first one from the list.

The programs verify the number of credits the student is requesting and a counselor will need to approve each student's request before they are posted to the CIMS student database. Please review the **'Student Entry Screens'**.

The **Web Course Request for Counselors** allows counselors to enter student course requests using a Windows-based program. Counselors will sign on using their Power Systems user ID and password. Initially they can choose three sort options for the Student Sort and Selection screen (alpha, class & alpha, and student ID). A list of students appears from which the counselor can choose students for course request entry. From this point, they access the same screens as the students would from the Web Course Request for Students program. This version will verify the number of credits selected as does the student version, but the 'counselor approval' that is required from the Student version is not required here. Please review the '**Counselor Entry Screens**'.

The course definition screen will be enhanced to allow maintenance of the course type (Required, Elective, or Alternate) and the class level associated with each type. An additional text line will be available for a longer course title. Please review the '**Sample Course Maintenance Screen**'.

Graduation requirements will be enhanced to allow different requirements to be assigned for each class level. If graduation requirements are not defined for a course/class combination, the standard requirements on screen, SCH.310.12, will be used. All programs assigning requirements will be updated to access the new file. The courses and requirements presented to the student will coincide with their next year class level.

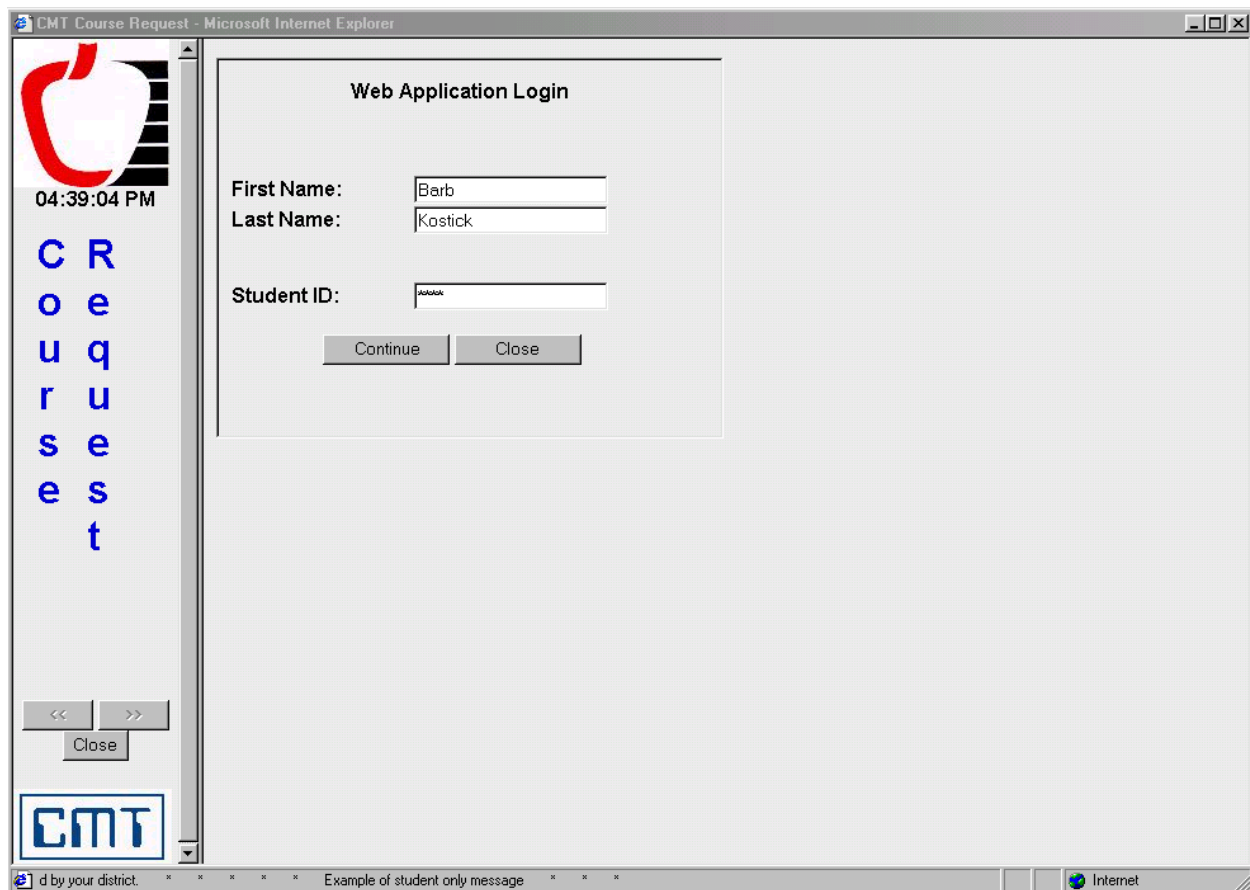
A table to define course title subheadings by class level will be created. This table will allow the setup of headings such as English Semester 1 and English Semester 2. Each subheading will be linked to a category code. The category code will be used to select which courses will be displayed under each title during course request entry.

## *Web Course Request for Students*

### Student Login Screen

Students use their first and last name, along with their CIMS file ID.

**NOTE:** The apple logo in the upper left corner can be changed to your school logo.



The screenshot shows a web browser window titled "CMT Course Request - Microsoft Internet Explorer". The main content area displays a "Web Application Login" form with the following fields and buttons:

- First Name:** Input field containing "Barb"
- Last Name:** Input field containing "Kostick"
- Student ID:** Input field containing "1234567890"
- Buttons:** "Continue" and "Close" buttons.

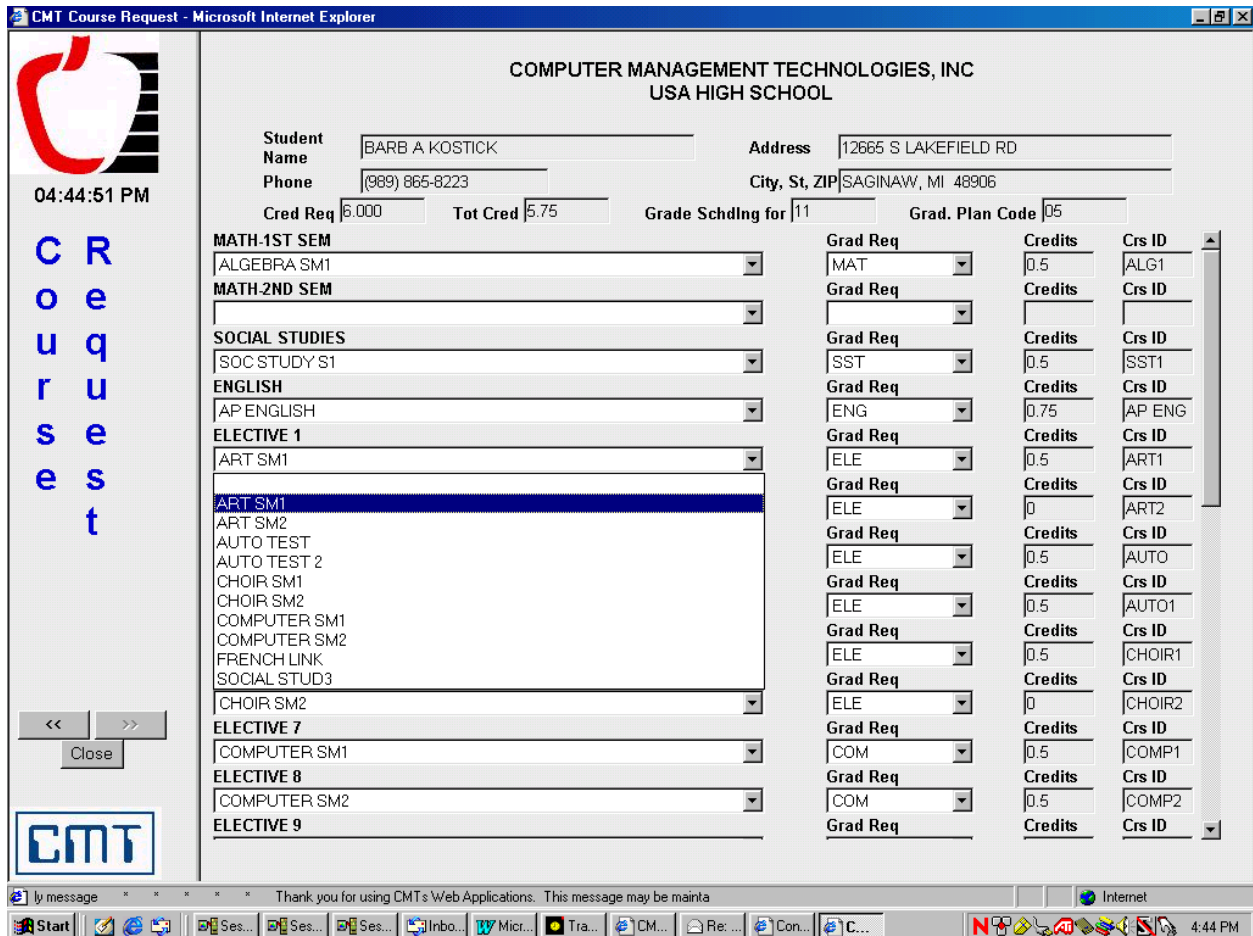
On the left side of the browser window, there is a vertical sidebar containing:

- A red and white apple logo.
- The time "04:39:04 PM".
- The text "C R" in large blue letters, followed by "o e", "u q", "r u", "e s", and "t" in smaller blue letters, forming the word "Course Request".
- Navigation buttons: "<<" and ">>" and a "Close" button.
- The "CMT" logo at the bottom.

The browser's taskbar at the bottom shows several open tabs: "d by your district", "Example of student only message", and "Internet".

## Student Course Selection Screen

Upon pressing Continue, the following screen appears. The screen that appears will depend on the student's next year class level and how the table subheadings are defined by your school (i.e. the subheading MATH-1 SEM, could be MATH REQUIREMENT).



**COMPUTER MANAGEMENT TECHNOLOGIES, INC  
USA HIGH SCHOOL**

Student Name: BARB A KOSTICK Address: 12665 S LAKEFIELD RD  
 Phone: (989) 865-8223 City, St, ZIP: SAGINAW, MI 48906  
 Cred Req: 6.000 Tot Cred: 5.75 Grade Schdng for: 11 Grad. Plan Code: 05


Subheading	Grad Req	Credits	Crs ID
MATH-1ST SEM			
ALGEBRA SM1	MAT	0.5	ALG1
MATH-2ND SEM			
SOCIAL STUDIES			
SOC STUDY S1	SST	0.5	SST1
ENGLISH			
AP ENGLISH	ENG	0.75	AP ENG
ELECTIVE 1			
ART SM1	ELE	0.5	ART1
ART SM1 (dropdown)	ELE	0	ART2
ART SM2	ELE	0.5	AUTO
AUTO TEST	ELE	0.5	AUTO1
AUTO TEST 2	ELE	0.5	AUTO2
CHOIR SM1	ELE	0.5	CHOIR1
CHOIR SM2	ELE	0	CHOIR2
COMPUTER SM1	COM	0.5	COMP1
COMPUTER SM2	COM	0.5	COMP2
FRENCH LINK			
SOCIAL STUD3			
CHOIR SM2			
ELECTIVE 7			
COMPUTER SM1			
ELECTIVE 8			
COMPUTER SM2			
ELECTIVE 9			

When selecting the pull down next to a subheading, the valid courses for that subheading appear. Students click on the course they are selecting.

## Graduation Requirement Selection

If a requirement is not selected the system will assign it automatically. If more than one requirement is allowed for a course, student's can also choose the requirement the course applies to.

CMT Course Request - Microsoft Internet Explorer



**COMPUTER MANAGEMENT TECHNOLOGIES, INC  
USA HIGH SCHOOL**

**Student Name**       **Address**   
**Phone**       **City, St, ZIP**   
**Cred Req**       **Tot Cred**       **Grade Schdlng for**       **Grad. Plan Code**

Course	Grad Req	Credits	Crs ID
<b>MATH-1ST SEM</b> ALGEBRA SM1	MAT	0.5	ALG1
<b>MATH-2ND SEM</b>	MAT BUS	Credits	Crs ID
<b>SOCIAL STUDIES</b> SOC STUDY S1	SST	0.5	SST1
<b>ENGLISH</b> AP ENGLISH	ENG	0.75	AP ENG
<b>ELECTIVE 1</b> ART SM1	ELE	0.5	ART1
<b>ELECTIVE 2</b> ART SM2	ELE	0.5	ART2
<b>ELECTIVE 3</b> AUTO TEST	ELE	0.5	AUTO
<b>ELECTIVE 4</b> AUTO TEST 2	ELE	0.5	AUTO1
<b>ELECTIVE 5</b> CHOIR SM1	ELE	0.5	CHOIR1
<b>ELECTIVE 6</b> CHOIR SM2	ELE	0.5	CHOIR2
<b>ELECTIVE 7</b> COMPUTER SM1	COM	0.5	COMP1
<b>ELECTIVE 8</b> COMPUTER SM2	COM	0.5	COMP2
<b>ELECTIVE 9</b>	Grad Req	Credits	Crs ID

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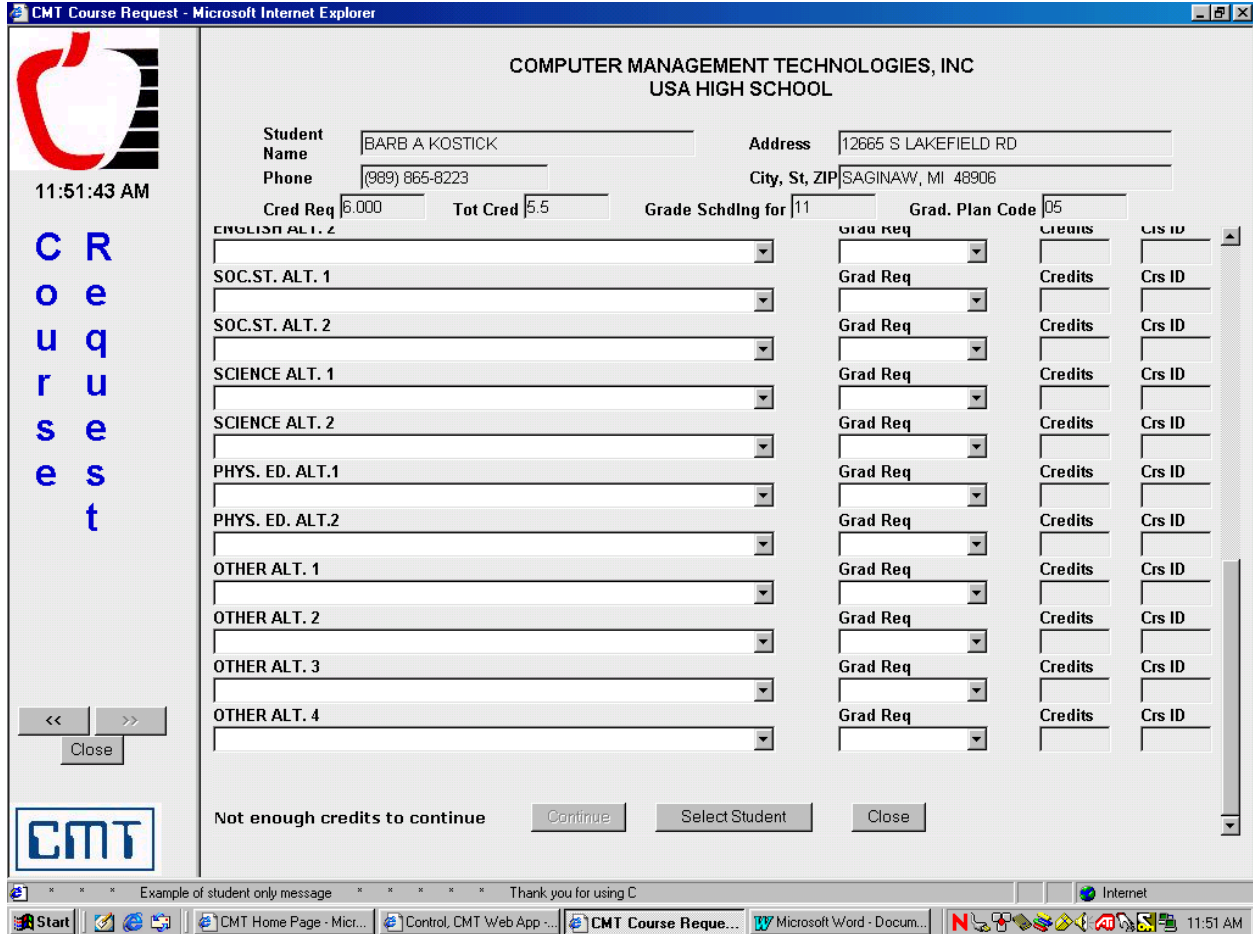
04:56:50 PM  
 << >>  
 Close



k you for using CMT's Web Applications. This message may be maintained by your district.

Start | Sessio... | Sessio... | Sessio... | Inbox... | Micros... | TrakTi... | CMT... | Control... | CMT... | Internet | 4:56 PM

If the students have not selected enough courses, they will be unable to continue. A message next to the Continue button will indicate such, as seen below.



**COMPUTER MANAGEMENT TECHNOLOGIES, INC  
USA HIGH SCHOOL**

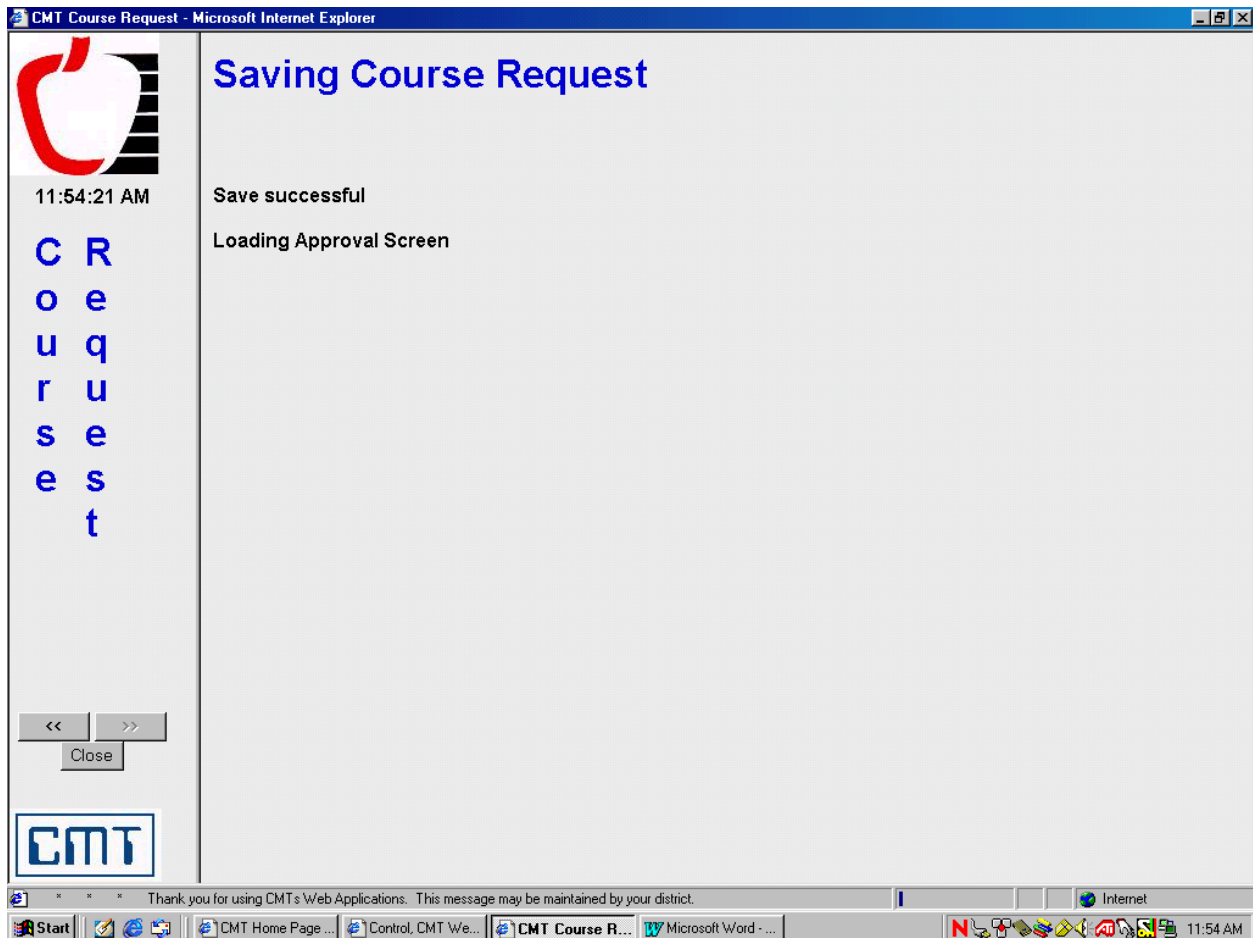
Student Name: BARB A KOSTICK      Address: 12665 S LAKEFIELD RD  
 Phone: (989) 865-8223      City, St, ZIP: SAGINAW, MI 48906

Cred Req: 6.000      Tot Cred: 5.5      Grade Schdlng for: 11      Grad. Plan Code: 05

	Grad Req	Credits	Crs ID
ENGLISH ALT. 2			
SOC.ST. ALT. 1			
SOC.ST. ALT. 2			
SCIENCE ALT. 1			
SCIENCE ALT. 2			
PHYS. ED. ALT.1			
PHYS. ED. ALT.2			
OTHER ALT. 1			
OTHER ALT. 2			
OTHER ALT. 3			
OTHER ALT. 4			

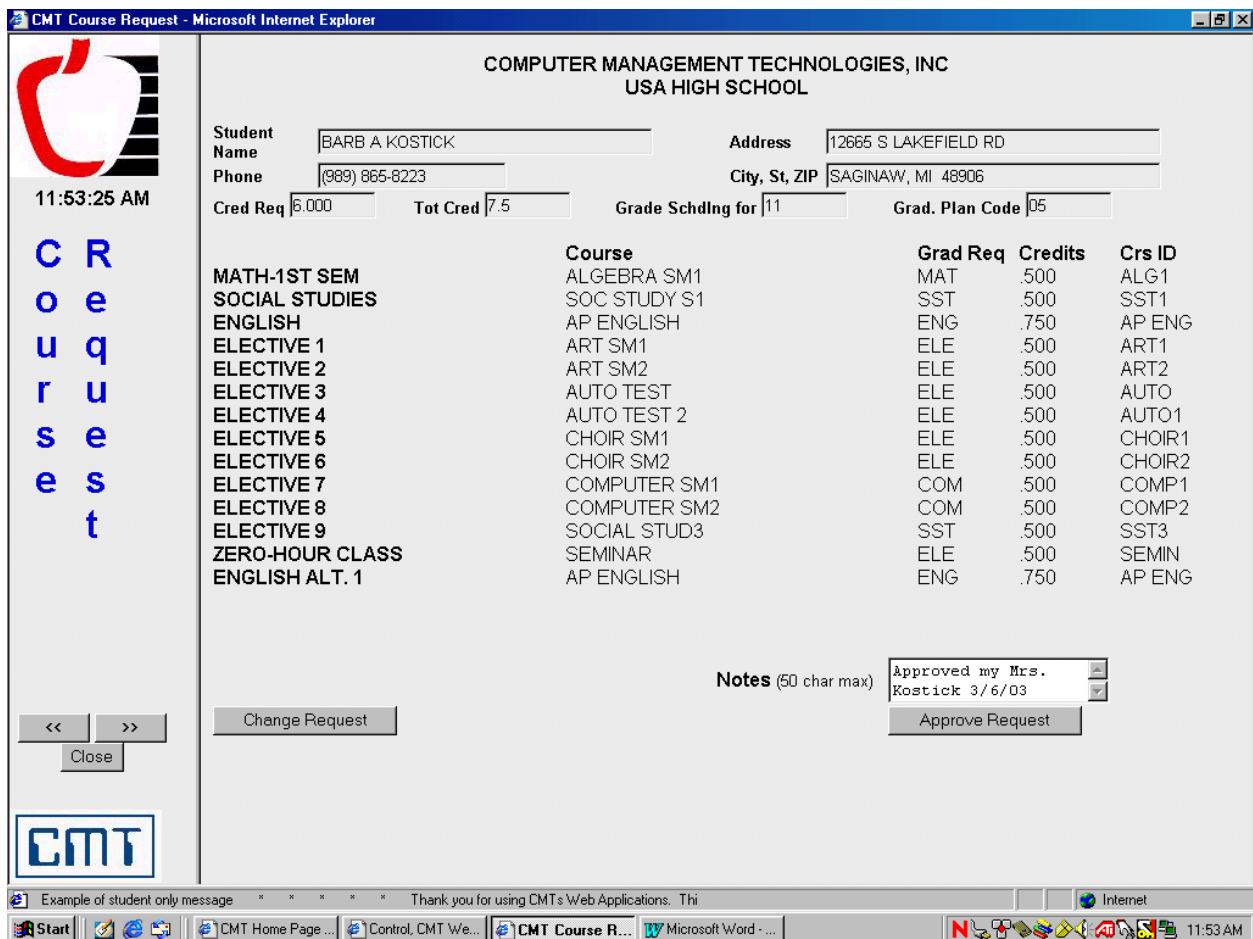
Not enough credits to continue

If the student has selected the appropriate credit amount, they are able to select the Continue button. At which point, the following screen appears indicating that the requests have been saved and the approval screen will be displayed.





Following is the approval screen. If a counselor is present at the time the student has made their selection, the 'Approve Request' button can be selected. The counselor will be presented with a screen requesting their Power Systems user ID and password. If the counselor approves the request, it will be posted directly to CIMS. If the counselor is not present to approve the request it is placed in a hold file. The counselor can at a later date access the Web Counselor version to approve the requests (see the following section for information on the Counselor version).



**COMPUTER MANAGEMENT TECHNOLOGIES, INC  
USA HIGH SCHOOL**

Student Name: BARB A KOSTICK      Address: 12665 S LAKEFIELD RD  
 Phone: (989) 865-8223      City, St, ZIP: SAGINAW, MI 48906

Cred Req: 6.000      Tot Cred: 7.5      Grade Schdng for: 11      Grad. Plan Code: 05

Course	Grad Req	Credits	Crs ID
MATH-1ST SEM	MAT	.500	ALG1
SOCIAL STUDIES	SST	.500	SST1
ENGLISH	ENG	.750	AP ENG
ELECTIVE 1	ELE	.500	ART1
ELECTIVE 2	ELE	.500	ART2
ELECTIVE 3	ELE	.500	AUTO
ELECTIVE 4	ELE	.500	AUTO1
ELECTIVE 5	ELE	.500	CHOIR1
ELECTIVE 6	ELE	.500	CHOIR2
ELECTIVE 7	COM	.500	COMP1
ELECTIVE 8	COM	.500	COMP2
ELECTIVE 9	SST	.500	SST3
ZERO-HOUR CLASS	ELE	.500	SEMIN
ENGLISH ALT. 1	ENG	.750	AP ENG

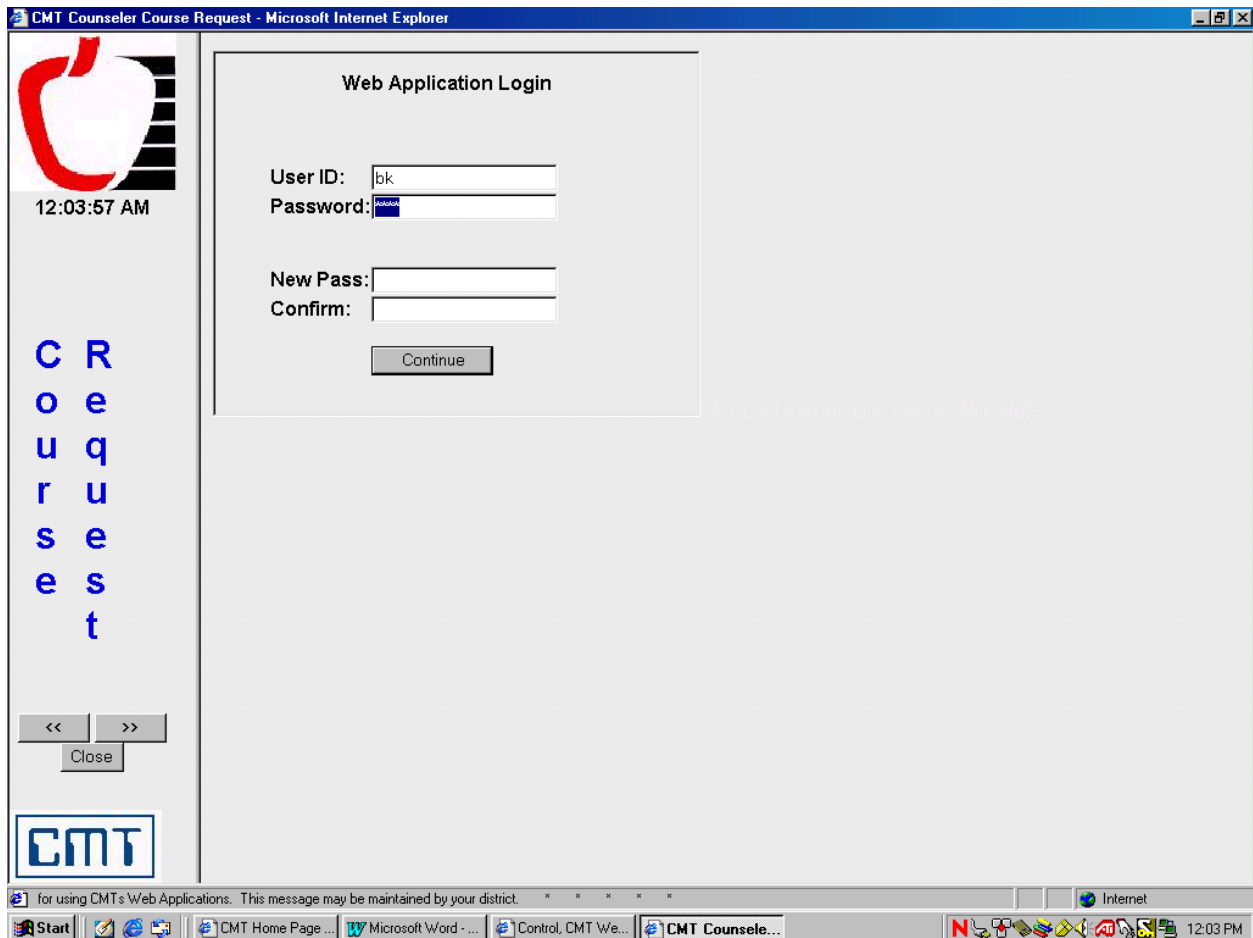
Notes (50 char max): Approved my Mrs. Kostick 3/6/03

Buttons: << >> Change Request Approve Request Close




## *Web Course Request for Counselors*

### Counselor Login Screen




CMT Counselor Course Request - Microsoft Internet Explorer

  
12:03:57 AM

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<< >>  
Close



**Web Application Login**

User ID:

Password:

New Pass:

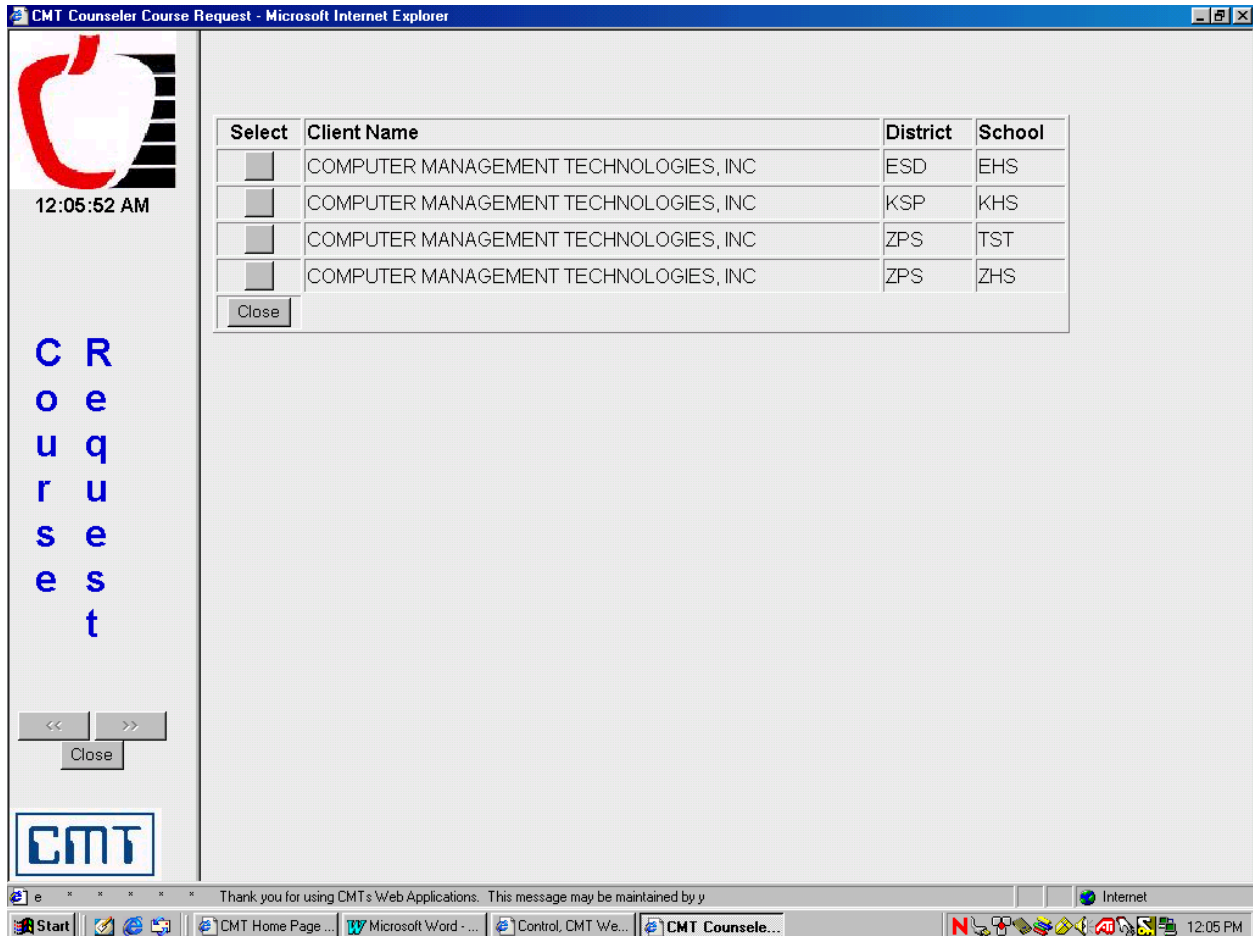
Confirm:

Continue

for using CMT's Web Applications. This message may be maintained by your district.

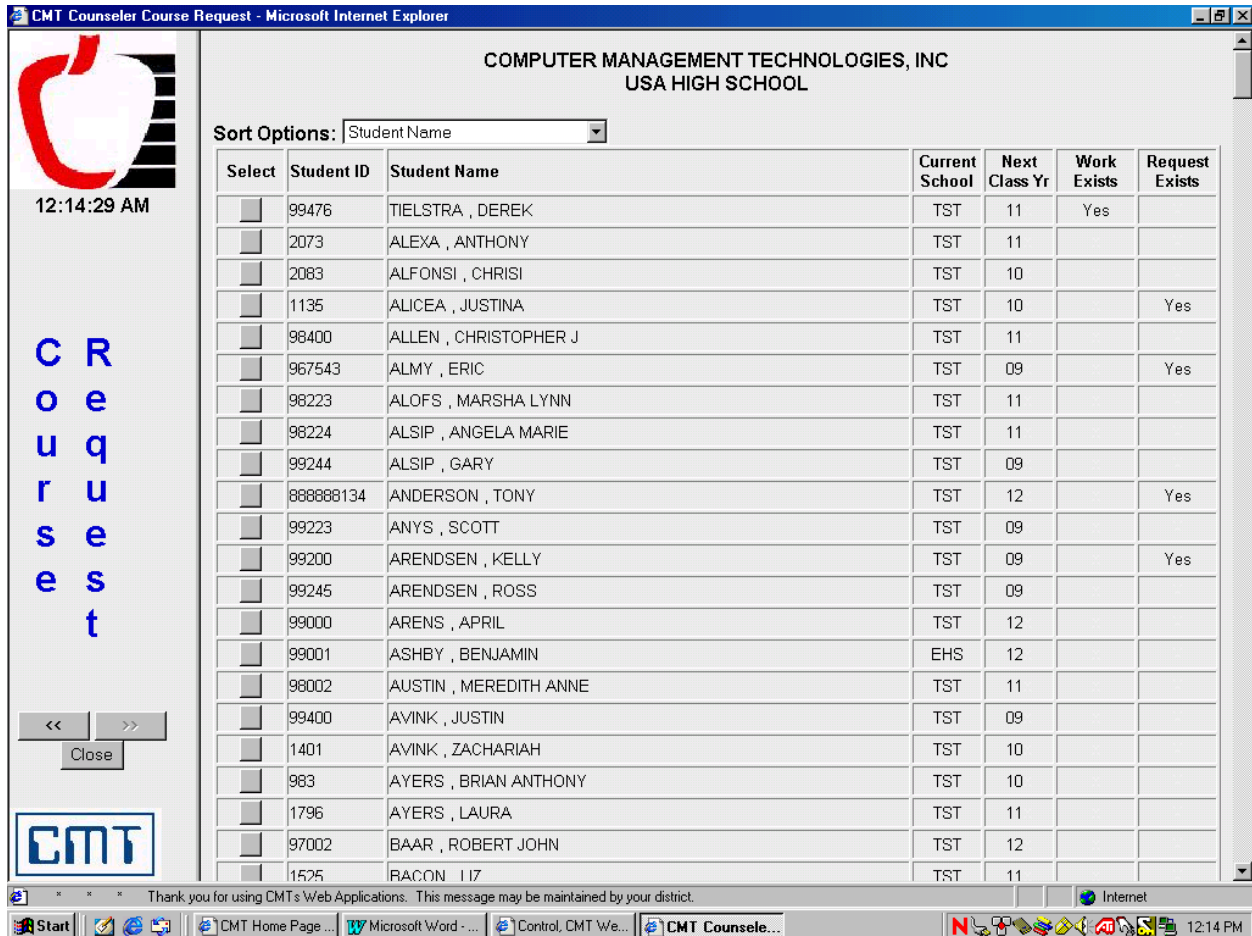
Start | CMT Home Page... | Microsoft Word... | Control, CMT We... | CMT Counsele... | Internet | 12:03 PM

If the counselor works between multiple buildings they will be presented with the following screen to select the building they are accessing students. The counselor will not see the following if they are only given access to one building.



Select	Client Name	District	School
<input type="checkbox"/>	COMPUTER MANAGEMENT TECHNOLOGIES, INC	ESD	EHS
<input type="checkbox"/>	COMPUTER MANAGEMENT TECHNOLOGIES, INC	KSP	KHS
<input type="checkbox"/>	COMPUTER MANAGEMENT TECHNOLOGIES, INC	ZPS	TST
<input type="checkbox"/>	COMPUTER MANAGEMENT TECHNOLOGIES, INC	ZPS	ZHS

After selecting the building, the following screen appears to select the students. Students that have requests on hold, but not yet approved, will have a 'Yes' in the Work Exists column. Students that have requests that have been either approved through the Web Course Request programs or directly entered into CIMS, will have a 'Yes' in the Requests Exist Column.



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USA HIGH SCHOOL


Sort Options: Student Name

Select	Student ID	Student Name	Current School	Next Class Yr	Work Exists	Request Exists
<input type="checkbox"/>	99476	TIELSTRA , DEREK	TST	11	Yes	
<input type="checkbox"/>	2073	ALEXA , ANTHONY	TST	11		
<input type="checkbox"/>	2083	ALFONSI , CHRISI	TST	10		
<input type="checkbox"/>	1135	ALICEA , JUSTINA	TST	10		Yes
<input type="checkbox"/>	98400	ALLEN , CHRISTOPHER J	TST	11		
<input type="checkbox"/>	967543	ALMY , ERIC	TST	09		Yes
<input type="checkbox"/>	98223	ALOFS , MARSHA LYNN	TST	11		
<input type="checkbox"/>	98224	ALSIP , ANGELA MARIE	TST	11		
<input type="checkbox"/>	99244	ALSIP , GARY	TST	09		
<input type="checkbox"/>	888888134	ANDERSON , TONY	TST	12		Yes
<input type="checkbox"/>	99223	ANYS , SCOTT	TST	09		
<input type="checkbox"/>	99200	ARENSEN , KELLY	TST	09		Yes
<input type="checkbox"/>	99245	ARENSEN , ROSS	TST	09		
<input type="checkbox"/>	99000	ARENS , APRIL	TST	12		
<input type="checkbox"/>	99001	ASHBY , BENJAMIN	EHS	12		
<input type="checkbox"/>	98002	AUSTIN , MEREDITH ANNE	TST	11		
<input type="checkbox"/>	99400	AVINK , JUSTIN	TST	09		
<input type="checkbox"/>	1401	AVINK , ZACHARIAH	TST	10		
<input type="checkbox"/>	983	AYERS , BRIAN ANTHONY	TST	10		
<input type="checkbox"/>	1796	AYERS , LAURA	TST	11		
<input type="checkbox"/>	97002	BAAR , ROBERT JOHN	TST	12		
<input type="checkbox"/>	1525	RACON I I7	TST	11		

Thank you for using CMT's Web Applications. This message may be maintained by your district.

Counselors can select the student they wish to approve, and the following screen appears. They verify the information and click Approve Request. The Course requests for the student are posted directly into CIMS.

CMT Counselor Course Request - Microsoft Internet Explorer



**COMPUTER MANAGEMENT TECHNOLOGIES, INC**  
**USA HIGH SCHOOL**

**Student Name**

**Phone**

**Address**

**City, St, ZIP**

**Cred Req**

**Tot Cred**

**Grade Schding for**


**Grad. Plan Code**

	Course	Grad Req	Credits	Crs ID
MATH-1ST SEM	ALGEBRA SM1	MAT	.500	ALG1
SOCIAL STUDIES	SOC STUDY S1	SST	.500	SST1
ENGLISH	AP ENGLISH	ENG	.750	AP ENG
ELECTIVE 1	ART SM1	ELE	.500	ART1
ELECTIVE 2	ART SM2	ELE	.500	ART2
ELECTIVE 3	AUTO TEST	ELE	.500	AUTO
ELECTIVE 4	AUTO TEST 2	ELE	.500	AUTO1
ELECTIVE 5	CHOIR SM1	ELE	.500	CHOIR1
ELECTIVE 6	CHOIR SM2	ELE	.500	CHOIR2
ELECTIVE 7	COMPUTER SM1	COM	.500	COMP1
ELECTIVE 8	COMPUTER SM2	COM	.500	COMP2
ELECTIVE 9	FRENCH LINK	ELE	0.500	LNKFRN

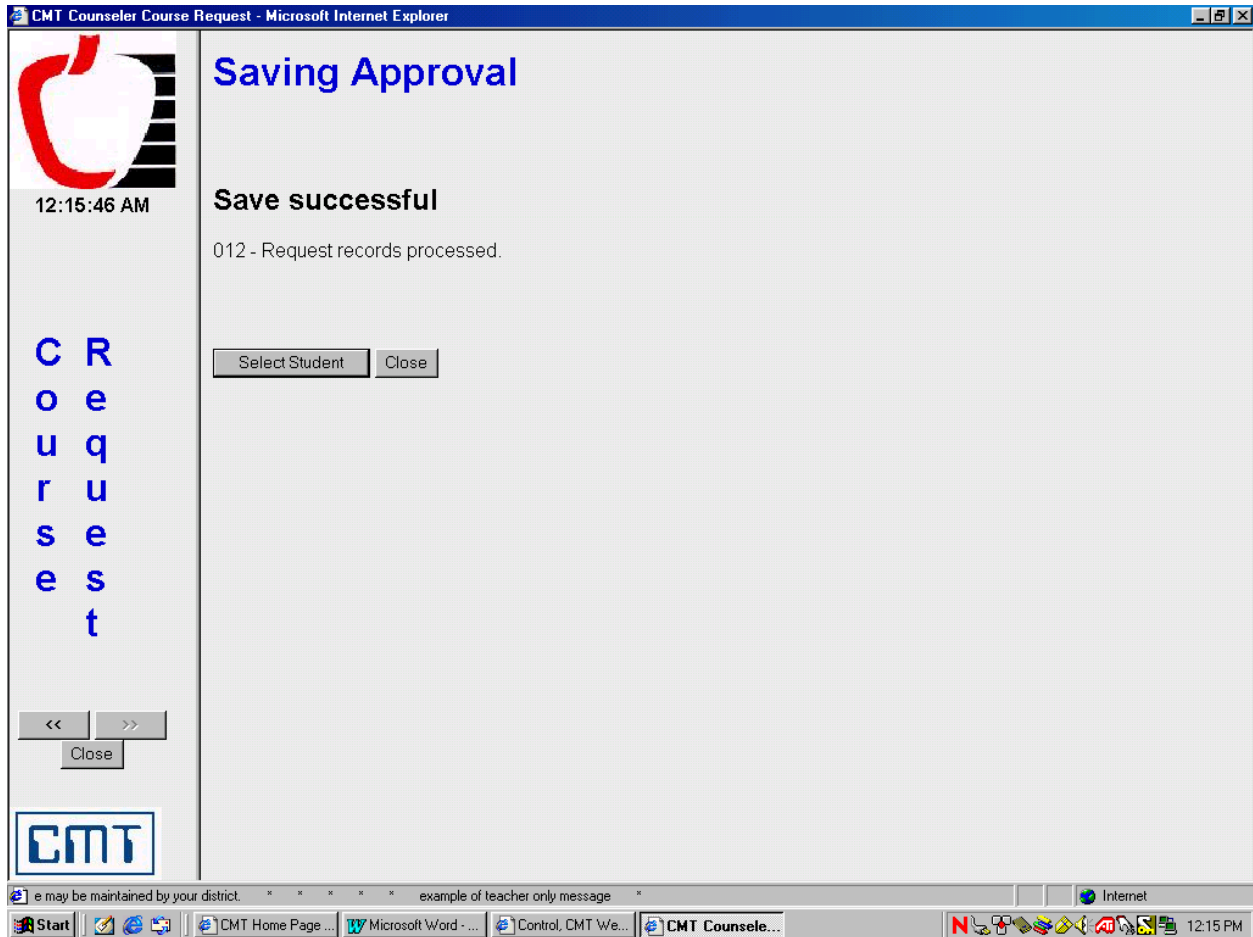
**Notes** (50 char max)

<< >>

Close



When approving the request, counselors receive the following confirmation that the post was successful.



## ***Power Systems Subheadings by Class Maintenance Screen***

The following program has been created to allow for the maintenance of the subheadings on each class level's web entry screen.

```

CMTSMS      Graph Course Request Subheaders by class..CMT      Ref: CQ.201 .11

Class: 11 District: ZPS School: IST Credits Required 6.000

Sub-heading      Type (R,E,A)      Category
OTHER ALT. 4      A      Q
ENGLISH ALT. 2      A      B
ENGLISH ALT. 2      A      B
SOC.ST. ALT. 2      A      C
SOC.ST. ALT. 2      A      C
SCIENCE ALT. 2      A      D
SCIENCE ALT. 2      A      D
PHYS. ED. ALT.2      A      M
PHYS. ED. ALT.2      A      M
OTHER ALT. 3      A      Q
OTHER ALT. 3      A      Q
ZERO-HOUR CLASS      E      Z
ELECTIVE 1      E      Q
ELECTIVE 1      E      Q
ELECTIVE 3      E      Q
  
```

Mode: Change                      F4=Index



# Web Course Request Entry (cont'd)

## ***Power Systems Graduation Requirements by Class Maintenance Screen***

The following screen has been added to SCH.310 – Courses, to allow for courses to meet multiple graduation requirements for different class levels.

SMS	Course Definition				Ref: SH.310R .11									
Course ID: <u>MATH1</u> Title: BUS. MATH 1 District: <u>ZPS</u> School: <u>TST</u>														
Long Title: <u>BUSINESS MATH SEMESTER 1</u>														
Class	Required	Elective	Alternate	Graduation Requirements Satisfied										
<u>09</u>	<u>E</u>	<u>Q</u>	<u>Q</u>	—	—	—	—	—	—	—	—	—	—	
<u>10</u>	<u>E</u>	<u>Q</u>	<u>Q</u>	—	—	—	—	—	—	—	—	—	—	
<u>11</u>	<u>E</u>	<u>Q</u>	<u>Q</u>	<u>MAT</u>	<u>ELE</u>	—	—	—	—	—	—	—	—	
<u>12</u>	<u>E</u>	<u>Q</u>	<u>Q</u>	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	
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Mode: Change				F4=Index										

### **System Requirements**

#### Power Systems Server

- OS/400 V4R5M0 or higher
- CIMS Student version 6.0 or higher
- TCP/IP configured and enabled
- HTTP Server

#### PC Workstation

- Internet Explorer 5.0 or higher; or Netscape 6.0 or higher
- TCP/IP connection to the Power Systems

### **Pricing**

For additional information or to obtain an official quote for this program, please contact a CMT Student Application Consultant at [cmtstu@cmtonline.com](mailto:cmtstu@cmtonline.com) or call (989) 791-4860.

**Note:** The project cost does not include on-site installation or training. If these services are desired, please contact CMT.