# 2013-2014 Computer Fee Income Summary

## Additional Fees*

<table>
<thead>
<tr>
<th>Category</th>
<th>Code</th>
<th>FY13 (Summer &amp; Fall 2012; Spring 2013)</th>
<th>FY14 (Summer &amp; Fall 2013; Spring 2014)</th>
<th>3/21/2014 Computer Fees Free Balance**</th>
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<td>Engineering</td>
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<td><strong>Subtotal - Units</strong></td>
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<td>1,847,877</td>
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<td>Central Pool/CAC Initiatives</td>
<td>202-17-10</td>
<td>1,360,204</td>
<td>1,314,025</td>
<td>2,596,833</td>
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<td>IT Services</td>
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<td><strong>Colleges:</strong></td>
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<td><strong>Subtotal - Colleges</strong></td>
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<td>College Pool (pending SCH distribution)</td>
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<td><strong>Total Fees Paid</strong></td>
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<td>8,538,060</td>
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*Computer Fee balance for additional fees is incorporated with standard fee in "Colleges" list.

**Includes encumbrances.

## 2013-2014 Technology Fees

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<th>Fees</th>
<th>Fee/Semester</th>
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<td>Graduate Students Standard Fee</td>
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## Central Pool Budget - FY14

**3/18/14**

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<tr>
<th>FY14 Budgeted/Carry Forward</th>
<th>FY14 Transfers or Expenditures/Encumbrances through 3/18/14</th>
<th>FY14 Current Balance</th>
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<td>FY13 Balance Forward/FY14 income</td>
<td>1,271,993</td>
<td>1,364,550</td>
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### Enterprise Initiatives:

- FY12 Wireless Initiative: 381,613
- FY14 and FY15 Wireless Initiative (FY14 alloc to date)*: 1,000,000

**Subtotal - Enterprise Initiatives:** 1,381,613

### General Commitments:

- Student Printing Subsidy: 175,000
- PaperCut Support: 25,000
- Student Network Access Program: 55,000
- Administrative salary support (Sherer and Swanson): 14,300
- Office Support (Miscellaneous): 5,000

**Subtotal - General Commitments:** 274,300

### CAC Initiatives (current):

- FY11 - Lohrbach-WirelessCoverage: 2,828
- FY11 - Lohrbach-Wireless Exp: 65,092
- FY11 - Cotos-Writing Tutorial Program: 57,779
- FY13 - Blended Instruction-Wang: 11,981
- FY14 - Athlete Lab-Powell: -566
- FY14 - EEOB Mobile Lab-Lavrov: 30,873
- FY14 - Reiman Gardens-McLaughlin: 60,520
- FY14 - Vet HD Cameras-Krebs: 29,694
- FY14 - Virtual Surgery-Peterson: 67,239
- FY14 - Laptop Checkout-Darbyshire: 65,671
- FY14 - Hixson AV Updates-Sanborn: 4,036
- FY14 - GIS Design Lab-Kane: -2,284
- FY14 - Sound Recorders-Braidwood: 7,651
- FY14 - Ipromise Ipad Tech-Quam: 20,000

**Subtotal - CAC Initiatives (current):** 417,687

**FY14 Balance:** 3,345,593 | 2,014,655 | **2,585,545.63**

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*Available for commitment: 1,162,050*

*Another $1m will be allocated in FY15.*
FY14 Unusual Expenses (approved)

3/20/14

Request: Purchase of chairs for 1233 and 1348 Hoover Hall
- Submitted by Mechanical Engineering, October 2013
- Purchase 24 chairs for 1233 Hoover (team assembly room) and 1348 Hoover (storage room being converted to breakout room) as more space is needed for students to design and assemble projects. Use of computers is a required aspect of the design process.
  - $8,389.20
  - Approved at the October CAC meeting

Request: Computer Desks and Chairs for Town 134
- Submitted by Civil, Construction, and Environmental Engineering, November 2013
- Purchase two additional computer desks and twelve additional chairs
  - $3,991.20
  - Approved by the CAC Chair on 11/5/2013

Request: 20 chairs for the computer lab in 312 Ross Hall
- Submitted by LAS, December 2013
- Replacement of lab chairs due to frequent student and instructor complaints. The current chairs were purchased when the lab was established.
  - $6,575.60
  - Approved by the CAC Chair on 12/11/2013

Request: Upgrade of technology, student work area, instructor station and instruction items in SOE classroom N066 Lagomarcino Hall
- Submitted by College of Human Sciences, January 2014
- Items: Projector/interactive whiteboard, control box, Apple TVs, iPad and iPad document camera stand, Node Chairs, instructor station, Verb whiteboard wall system
  - $19,338.70
  - Approved by the CAC Chair on 1/2/2014
Recurring Transaction Audit – Fiscal/financial officers

Questions:
• What about laptops for faculty?
• Are lecturer laptops also treated the same way?
• What about laptops for student advisors?
• Is it okay to purchase computers, printers, replacement ink and monitors for PhD offices and lounges with these funds?
• Is it okay to purchase a replacement TV for a specific classroom with these funds?
APPENDIX A

Request for advance approval of unusual* expenses

[*Categories of unusual expenses are listed in paragraph 2, Section III of the "Guidelines for Appropriate Expenditure of Income from the Student Technology Fee."*

Department: Aerospace Engineering

Building/room location: 0638 Howe Hall

Description: Computerized mechanical testing system for structures laboratory and Resource Hub. This system is used to acquire data for the structural testing component of the AerE 321L/AerE 322 class. It is also available for broader use by all students through the new Resource Hub (www.resourcehub.iastate.edu)

Total Project Cost: $50,132.24, of which $36,872.17 is to be charged to EFTF

Category of unusual expense(s) within the project (see http://www.cio.iastate.edu/committees/cac/policies/expenditures_2011-2012.pdf):

Use category #1 (IT resources for all ISU students)
Expenditure Category A,B (Hardware+Software)

Costs associated with these unusual expenses:

Date(s) of proposed expense: AY 2013-2014

Justification*:
"Supportable IT includes devices and software used for the acquisition, processing, and testing of data as long as the use is directly related to student education". This equipment is for data acquisition and is specifically to be used for the AerE 321L/322 lab coursework.

*(Please attach PIQ of employee if requesting greater than 50% of base salary support from CAC.)

Requested by: Stephen D. Holland

College approval: [Signature] 2-14
APPENDIX A
Request for advance approval of unusual* expenses
[*Categories of unusual expenses are listed in paragraph 2, Section III of the “Guidelines for Appropriate Expenditure of Income from the Student Technology Fee.”]

Department: Chemical & Biological Engineering Department

Building/room location: 0104/0108 Sweeney Hall

Description of total project: Description from Approved Proposal:
We propose to convert a room in the lower level of Sweeney Hall into a state of the art computer laboratory for open student use. This proposal addresses an identified need within the Department of Chemical and Biological Engineering to provide additional computer infrastructure for our students. Existing facilities have been deemed insufficient to accommodate the current ChE student body. This issue has been exacerbated by recent enrollment growth and the addition of computer-intensive coursework within our curriculum, which have displaced students from our existing computer labs.

Total Project Cost: $140,000

Category of unusual expense(s) within the total project (see http://www.cio.iastate.edu/committees/cae/policies/expenditures_2011-2012.pdf):
- Renovations and updates to facilities required for educational technology use.
- Hardware, software, expendable supplies, security and protection

Costs associated with these unusual expenses: renovation of two rooms into one for an undergraduate computer lab and meeting area, new computers, wiring, furniture

Source of support for remaining project costs: Sweeney Hall Renovation Fund (ISU Fdn)

Date(s) of proposed expense: Spring and Summer Session 2014

Justification*: Copy of approved proposal is attached

*(Please attach PIQ of employee if requesting greater than 50% of base salary support from CAC.)

Requested by: Andrew C. Hillier, Wilkinson Professor of Interdisciplinary Engineering and Chair, CBE department

Date

College approval: Ellen [Signature] Date
Danielson, Jody G [C B E]

From: Reints, Ellen J [ENG]
Sent: Monday, December 23, 2013 2:33 PM
To: Hillier, Andrew C [C B E]
Cc: Danielson, Jody G [C B E]; Rajala, Sarah [ENG]; Mirka, Gary A [ENG]; Cox, Ronald A [VPEO]; Somani, Arun K [ENG]; Schafbuch, Belinda R [ENG]
Subject: FW: Technology Fee proposal
Attachments: Technology Fee Proposal - 112213 - V2.docx

Andy –

We have now completed our review of the proposals submitted for additional technology fees. On behalf of the Dean’s Office, I am happy to say that your $133,400 proposal to convert a room into a state of the art computer lab for open student use has been approved by Dean Rajala. We will transfer these funds into your 202-02-86 account for your use.

Thank you,
Ellen

CC: S Rajala, G Mirka, R Cox, A Somani, J Danielson, B Schafbuch

Ellen Reints | Academic Fiscal Officer | Iowa State University College of Engineering
101 Marston | Ames, IA 50011-2151 | Voice: 515.294.2337 | Fax: 515 294-9273 | E-mail: ereints@iastate.edu

From: Hillier, Andrew C [C B E]
Sent: Friday, November 22, 2013 2:35 PM
To: Rajala, Sarah [ENG]
Cc: Reints, Ellen J [ENG]
Subject: Technology Fee proposal

Sarah,

As you requested on Tuesday at the Senior Leadership Meeting, I am resubmitting my technology fee proposal. I am submitting only the first of the three that I originally submitted. This proposal, however, is unchanged from the earlier version as this additional computer laboratory that we are planning is my highest departmental priority for additional computing facilities.

Andy

Andrew C. Hillier
Wilkinson Professor and Chair
Department of Chemical and Biological Engineering
2114 Sweeney Hall
Iowa State University
Ames, IA 50011
Technology Fee Proposal(s)

Department of Chemical and Biological Engineering
Andrew C. Hillier, Wilkinson Professor and Chair

Proposal 1: Undergraduate Computing Laboratory

Brief Description: We propose to convert a room in the lower level of Sweeney Hall into a state of the art computer laboratory for open student use. This proposal addresses an identified need within the Department of Chemical and Biological Engineering to provide additional computer infrastructure for our students. Existing facilities have been deemed insufficient to accommodate the current ChE student body. This issue has been exacerbated by recent enrollment growth and the addition of computer-intensive coursework within our curriculum, which have displaced students from our existing computer labs.

Cost Categories: The proposal includes costs in two categories: (3) renovation expenses associated with converting an existing 666 ft² room into student computational space, including interior upgrading and installation of electrical/lighting and furniture necessary for a modern computer lab (FP&M estimate #PR017337 = $94,400); and (1) purchase and installation of computer workstations (24 seats x $1,500/seat + 2 printers x $1,500/printer = $39,000).

Building/Room Locations: Sweeney Hall, Lower Level – Room 0104 (see Figure)

Total Estimated Project Cost: $133,400.

Total Estimated Cost Share: $0.

Justification for the Request: The Department of Chemical and Biological Engineering has seen its undergraduate enrollment double since 2005. This increase in student numbers has put a strain on our educational capabilities, particularly access to the physical resources needed for experiential and computational course activities. Most notably, the availability of computer facilities within the department, particularly those having specialized software related to chemical engineering design and physical property prediction (HYSYS, Aspen, etc.) are a critical need for students in our various chemical engineering courses. Along with the recent enrollment growth, we have increased the computational course requirements in our curriculum. As of 2013, three of our core undergraduate courses have sufficient computational activities that they need be taught within departmental computer labs. This additional lab usage has displaced our students from the computer labs, and left an inadequate number of free workstations in Sweeney available for student work during much of the school day. To address this student need, we propose to take an existing, underutilized room within Sweeney Hall and convert it into an open use computer lab. The location of this proposed computer lab is also convenient for student usage in that it would be placed in the same vicinity as our existing undergraduate lounge and AIChE student office. We anticipate that this would create an inviting and heavily used undergraduate space, which could also be featured on campus tours as an integrated student space.
APPENDIX A

Request for advance approval of unusual* expenses

[*Categories of unusual expenses are listed in paragraph 2, Section III of the "Guidelines for Appropriate Expenditure of Income from the Student Technology Fee."*

Department: IMSE

Building/room location: Basement of Black Engineering common north hallway

Description: Upgraded electrical to establish receptacles on the outside walls by study tables.

Total Projected Cost: 5000.00

Category of unusual expense(s) within the project (see

Costs associated with these unusual expenses: FP&M labor and material charges

Date(s) of proposed expense: February and March 2014

Justification*: This common area has become a student study center with students sitting at tables and using laptops. Having electrical outlets in the area allows further use of this space.

*(Please attach PIQ of employee if requesting greater than 50% of base salary support from CAC.)

Requested by: 

College approval: 2-24-14
Electrical Upgrades to Black Engineering Basement Hallway

**Brief description:** We are proposing to add receptacles at the student study tables in the north hallway of the basement floor of Black Engineering Building.

**Building/room location(s):** Basement of Black Engineering. North hallway.

**Cost categories:** Facility upgrade

**Estimated cost:** $5,000

**Justification for the request:** As we squeezed more computers in the computer labs, we evicted several tables that students used for studying and teaming. The tables were placed in the hallway, where they are again being used by students (from IMSE and ME) for studying and teaming. We have checked, and their location is not in violation of the fire code. However, there are no outlets on the south side of the hallway for students to plug in laptops, and therefore cords are often stretched across the hallway. This proposal is to simply install six receptacles along this hallway, to better utilize this space while maintaining a safe environment.
APPENDIX A

Request for advance approval of unusual* expenses

[*Categories of unusual expenses are listed in paragraph 2, Section III of the “Guidelines for Appropriate Expenditure of Income from the Student Technology Fee.”]

Category of unusual expense (from guidelines): Furniture (computer workstations, desk, printer stand)

Projected Cost: $7,848.03

50% funding is requested from CAC funds ($3,924.02) and 50% will be matched by the Department of Political Science ($3,924.01)

Description: Nine new workstations in 10 Ross Hall; one new office desk; and one printer stand. Quotation and design from FP&M (see attached form). Products from Storey Kenworthy.

Date(s) of proposed expense: June 2014

Justification*: These new workstations, desk, and printer stand would represent a considerable upgrade for the older items that are presently in use. These workstations would also be more appropriate to the size of the new computers that we installed last year. Such workstations, we anticipate, will increase the attractiveness and the utility of the facility in 10 Ross Hall. Moreover, these new workstations would likely have considerable longevity for the Lab as compared with the current ones.

*(Please attach PIQ of employee if requesting greater than 50% of base salary support from CAC.)

Requested by: James M. McCormick

College approval: 

[Signature]
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Grand Total: $18,383.00 57.308  $7,848.03