The Effect of Study Spaces on Student Academic Performance

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A sense of belonging in an academic environment affects:

- academic performance
- a student’s sense of efficacy for success
Purpose of project:

• To foster a sense of belonging by creating a study space for students.
Benefits of a designated study space:

• Gives students at a commuter campus a dedicated space for studying that is located near their classes and available around class times.
Benefits of a designated study space:

• Gives students a place to recharge their brains and technology, and have a bite to eat or drink a cup of coffee.
Benefits of a designated study space:

- Creates a community of students who work alone or collaborate and interact with one another.
Funding

• UHCC *Part-Time Student Innovation Grant* ($10,600)

• Labor and supplies donated by:
  - EIMT, Carpentry, CMGT faculty and students
  - VCAS’s Office
Before Renovation
Feliz Navidad

Felicitas

Bienvenidos
Planning and Construction
EDUCATION

POSSIBILITY

EDUCATION

PROGRESS
EDUCATION = OPPORTUNITY

EDUCATION = RESPECT
Coffee $1 per cup

Money collected will go to charity to provide coffee and supplies. Thank you!
Coffee $1 per cup

Money collected will be used to purchase coffee and supplies.

Thank you!

FAQs for using the Keurig

1. Which size to brew?
   - The smallest cup setting is enough for a small Skynklof cup
   - The medium and large settings will be too much for a small Skynklof cup
Dedication
House Rules

Limit noise

Use space for generating ideas, studying, innovation

Recharge your technology and minds

Discuss, plan, organize

Have a snack, drink coffee, but please keep the room clean
OMG this room is so pretty! I hate living in a place. The plants are so nice. They add a lot of life to the room. They’re beautiful. It’s so nice to have plants. It’s a calming moment. I don’t have a lot of time for the plants. I only have a few moments. I think it’s a nice touch.
OMG this room is so pretty! The plants are a nice touch, they add class to the space. The wall mural across from this is so much better than a whiteboard! And I love the idea of a trash can in the room. I don't see one, but expect updates at least once a week. Hockey for school.
Welcome back

Reach for the summit.

Kuia i ka nui i

Stay calm.

And remember:

1. Study in school.
2. Practice English.
3. Read books.
4. Study outside.
5. Go to 7-11.
6. Study...
7. Study...
8. I don't always...
9. Go back.
10. Be happy.

Library was here.

Dr. Happy.
Hooray for School!

Welcome back!
Kūlla i ka 'u 'u
Reach for the summit!

You prolly know who this is already,
She's gonna help us all semester.

Congratulations on this
Beautiful Study/gathering
Room! Wonderful for our students!
Aloha, Jerome, for Hunter Appreciation

"Reach for the moon
And you will land among
the stars." Have a great
Semester! “Fail often,
Learn a lot.”
-D. Panionick, The Sage

Stay calm, and recharge.
Dear students —

Welcome to Hoomau!

We hope you will think of this as your 2nd home and be inspired!

Ho'omana, Ho'omau, Ho'oulu.

Cool place! To study & connect! Stay in school 😊

Recharge & restore. Connect (in respect this awesome place!)

Library was here! Aloha 🌺

Good luck this year. We believe in you!
Recharge Station and Study Lounge in Action
Welcome to the Recharge Station
Evaluate

\[ f(y) = \frac{1}{y - 2} \]

If \( y = 3 \), then \( z = -4 \).
Usage data and survey results
Table 1. Demographics of students using Recharge Station and Study Lounge.

<table>
<thead>
<tr>
<th>Gender</th>
<th>Male</th>
<th>30.4%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Female</td>
<td>69.6%</td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td>0%</td>
</tr>
<tr>
<td>Age</td>
<td>Under 25</td>
<td>73.9%</td>
</tr>
<tr>
<td></td>
<td>25-35</td>
<td>17.4%</td>
</tr>
<tr>
<td></td>
<td>Over 35</td>
<td>8.7%</td>
</tr>
<tr>
<td>Credits</td>
<td>Part-time</td>
<td>23.8%</td>
</tr>
<tr>
<td></td>
<td>Full-time</td>
<td>76.2%</td>
</tr>
<tr>
<td>How often do you use the room?</td>
<td>Daily</td>
<td>19%</td>
</tr>
<tr>
<td>--------------------------------------</td>
<td>-------</td>
<td>-----</td>
</tr>
<tr>
<td></td>
<td>1x a week</td>
<td>23.8%</td>
</tr>
<tr>
<td></td>
<td>2x a week</td>
<td>33.3%</td>
</tr>
<tr>
<td></td>
<td>3x a week</td>
<td>19.0%</td>
</tr>
<tr>
<td></td>
<td>more than 3x a week</td>
<td>4.8%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>When do you use the room?</th>
<th>morning (7:30 a.m. -11 a.m.)</th>
<th>63.6%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>lunchtime (11 a.m.-2 p.m.)</td>
<td>59.1%</td>
</tr>
<tr>
<td></td>
<td>afternoon (after 2 p.m.)</td>
<td>40.9%</td>
</tr>
<tr>
<td></td>
<td>before class</td>
<td>68.2%</td>
</tr>
<tr>
<td></td>
<td>between classes</td>
<td>72.7%</td>
</tr>
<tr>
<td></td>
<td>after class</td>
<td>27.3%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>What do you use the room for?</th>
<th>studying/preparing for class</th>
<th>91.3%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>relaxing</td>
<td>82.6%</td>
</tr>
<tr>
<td></td>
<td>eating/drinking</td>
<td>78.3%</td>
</tr>
<tr>
<td></td>
<td>socializing</td>
<td>52.2%</td>
</tr>
<tr>
<td></td>
<td>charging devices</td>
<td>52.2%</td>
</tr>
<tr>
<td></td>
<td>other</td>
<td>8.7%</td>
</tr>
</tbody>
</table>

<p>| How long do you use the room         | average | 61.8 |
| (minutes per day)                    | high    | 180.0 |
|                                      | low     | 15.0 |</p>
<table>
<thead>
<tr>
<th>Statement</th>
<th>strongly disagree</th>
<th>disagree</th>
<th>neutral</th>
<th>agree</th>
<th>strongly agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increased the amount of time I spent on campus.</td>
<td>4.3%</td>
<td>4.3%</td>
<td>26.1%</td>
<td>43.5%</td>
<td>21.7%</td>
</tr>
<tr>
<td>Increased the amount of time I spent focused on studying.</td>
<td>8.7%</td>
<td>0%</td>
<td>21.7%</td>
<td>43.5%</td>
<td>26.1%</td>
</tr>
<tr>
<td>Improved my study habits, such as completing readings, assignments, and studying for exams.</td>
<td>8.7%</td>
<td>0%</td>
<td>17.4%</td>
<td>47.8%</td>
<td>26.1%</td>
</tr>
<tr>
<td>Increased my interaction with other students in my class(es).</td>
<td>4.3%</td>
<td>8.7%</td>
<td>8.7%</td>
<td>43.5%</td>
<td>34.8%</td>
</tr>
<tr>
<td>Increased the likelihood that I would seek help from faculty about course material.</td>
<td>4.5%</td>
<td>9.1%</td>
<td>36.4%</td>
<td>22.7%</td>
<td>22.3%</td>
</tr>
</tbody>
</table>
### Table 4. Effects of using Recharge Station and Study Lounge.

<table>
<thead>
<tr>
<th>Response</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>strongly disagree</td>
<td>0%</td>
</tr>
<tr>
<td>disagree</td>
<td>0%</td>
</tr>
<tr>
<td>neutral</td>
<td>8.7%</td>
</tr>
<tr>
<td>agree</td>
<td>17.4%</td>
</tr>
<tr>
<td>strongly agree</td>
<td>73.9%</td>
</tr>
</tbody>
</table>

Overall, the Recharge and Study Lounge contributed in a positive way to my overall performance in class(es)
Survey Comments
“Thanks for keeping this open for everyone!
😊😊😊😊😊😊😊”
“It’s better to be in there than outside or library.”
“Outstanding job on the study lounge. The only thing that could make it better is if there was one on each floor of the building.”
“I love the coffee machine.”
“It’s beautiful, very chic, and clean.”
“It gives me a place to do my work and relax and have breakfast/lunch.”
“Anytime I study on campus, I study in this room.”
“Love this room! First time I’ve felt so comfortable on HCC campus.”
Summary

Students reported that the *Study Lounge* was conveniently located near their classes in conjunction with their class times.
Summary

The *Study Lounge* was inviting, pleasant, and comfortable.

Fostered interaction among students.
Summary

A majority of students reported that time spent in the Study Lounge positively impacted their academic performance.
The project provided a unique opportunity for collaboration between students and faculty from diverse programs and departments across the campus.
Summary

HonCC’s Design Center and Office of Communications & External Affairs won a Silver Medallion Award from the National Council for Marketing & Public Relations.
Thank You

The Seven-620 Recharge Station is made possible through a University of Hawai‘i Community College Part-Time Student Innovation Grant.

A special mahalo to the following departments and individuals who helped to reimagine this space for students to study and recharge:

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Humanities and Social Sciences

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