

<ガバナンス報告>

1. テーマ

長崎大学学生のための e-learning 教材 Campus Tour の作成

2. 構成員

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3. 研究テーマの目的

本学では、すでに千葉大学から導入した 3 STEP 教材を教養教育で課外学習の必修教材として使用している。本研究は、3 STEP 教材を補助する目的で、長崎大学学生の特徴にあった英語リスニング用 e-learning 教材を作成するものである。本年度の計画は、これまでのデータ分析や実践経験から得た知見を生かし、将来の長崎大学学生のための on line 教材作成の基盤として、Rom 版を作成する。教材レベルは、初中級とする。

4. 本研究の必要性

千葉大学の 3 STEP 教材は、本来 CALL 教室や一部のクラスで使用することを前提に作成されており、本学のように教養課程のすべての学生を対象にプログラミングはされていない。たとえば、管理者側からの、タイムアウトの指定などはできない。これら時間管理を視野にいたした e-learning 教材の作成は必要である。また教材内容の側面から、3 STEP 教材で不足している初中級教材を独自に開発して学生に提供することも必要である。

5. 今年度期間内の達成状況と今後

リーダー小笠原取得の科学研究費（3 ラウンド・システムを活用した学習者オートノミーの育成に関する実証的研究 基盤研究 C 課題番号 25370633）を利用して、2015 年夏にアメリカの大学、MIT, Harvard, Monterey において、本教材作成のための動画撮影を終えた。その動画を加工し、3 STEP の長所を取り入れながら、長崎大学教養課程学生用の英語 e-learning 教材 Campus Tour を作成した。最終的には、ユニットは 6 構成であるが、本年度は試作版として、MIT での撮影動画を利用した Unit 3 を作成し、今後は残りの Unit を随時完成してゆく。また、プログラミングした ROM 版を 500 枚作成し、平成 29 年度に一部のクラスにて試験的に使用する。

Campus Tour の最終版は、以下の表の構成となる。

表 1. Campus Tour の構成

| Unit | 撮影大学 | 内容 |
|--------|----------|---------------------------|
| Unit 1 | Harvard | Harvard 大学キャンパス案内 |
| Unit 2 | Harvard | Harvard 大学図書館案内 |
| Unit 3 | MIT | MIT 大学キャンパス案内 |
| Unit 4 | MIT | MIT 大学建物案内 |
| Unit 5 | Monterey | Monterey フランス人留学生へのインタビュー |
| Unit 6 | Monterey | Monterey 日本人留学生へのインタビュー |

6. 試作版のシステム状況

今回作成した試作版 Campus Tour Unit 3 のシステム環境は、以下の通りである。

1. 動作環境

各種ファイルを CD-R に書き込みし、CD-R から本教材を動作させる。

2. 対象ブラウザ

対象ブラウザは、下記 2 つのみとする。

- Internet Explorer
- Google Chrome

3. 動作確認するブラウザ

動作確認を実施するブラウザは、下記バージョンのみでの実施とする。

- Internet Explorer 11
- Google Chrome 52

7. 成果の今後の活用

試作版 Unit 3 の完成後、同様の方策を用いて、残りの Unit を完成する。将来的には、Campus Tour 完成版をオンライン上にのせ、導入済みの 3 STEP 教材とともに、長崎大学の学生が自由に学習できる環境を提供する。

8. 参考資料

参考資料として、MIT の教材スクリプトを載せておく。

Unit 3 MIT

Part 1: Media Lab

Section1

Ah things that come out of here include video games, the technology for the iPad things like that. And also the Roomba, the circular vacuum cleaner that cleans by itself.

Section2

And most recently they had an initiative called One Laptop per Child where they sent out over 2 million laptops to developing countries so every student can have the opportunity to use the technology coming out of the Media Lab.

Part2: Hack-001

Section1

Next I would like to tell you another story about a very famous hack that happened here at MIT perhaps the most famous.

Section2

It was in 1994. MIT students were getting really really tired of the MIT police constantly giving them parking tickets so they decided to get their revenge.

Part3: Hack-002

Section1

One morning, MIT students woke up hearing police sirens and they could not figure out where they were coming from until they looked up on top of the main building of the University.

Section2

There was a police car. Students had disassembled it, take it took it taken it up to the top, reassembled it, put a dummy police officer in the front seat, turned on the sirens and put a parking ticket in the window.

Part4: Famous building

Section1

Now this is Killian court where graduation occurs each spring. They graduate about 2000 students per ceremony because they actually graduate their undergrad and graduate classes all together.

Section2

Ah the great dome behind it was actually constructed in 1916 the same year that the

MIT moved to the Cambridge location and it was modeled after the pantheon with the oculus at the top representing the ultimate truth and knowledge. This is also the great dome where the famous hack of 1994 occurred when they put the police car up on top of the great dome.

Unit 4 MIT

Part 5. About the building

Infinite Corridor, Infinite Corridor was about a 350 meter long hallway that connects east and west campus so we're gonna go all the way along it, we're gonna go to uh complete other side of campus um it is perfectly straight. It was designed in 1916 the same year that the campus moved to the Cambridge location. And it's really interesting because twice a year the sun rises and sets in exact alignment with the doors on either side so the beam of light shines from one end all the way to the other. So it's absolutely beautiful and um they should have that on YouTube if you wanted to look it up and check it out.

Part 6. MIT Admission

So ah when you are applying to MIT what they're really looking for is that you took the most difficult classes available especially in math and science. They don't want to just see perfect grades but they also wanna see that you really challenged yourself so try to take a lot of AP or advanced courses so the most difficult classes available. They also look at extracurricular activities and they like to see a lot of leadership positions and especially volunteer work so they like to see community service outside the classroom. They also do consider your standardized test scores your SAT and your ACT um the most important is the math portion of the SAT so that score needs to be nearly perfect for MIT. The other scores can be a little bit lower like the reading and writing but the math score needs to be nearly perfect.

Part7. MIT Admission Long

Alright if you wanna get into Harvard or MIT or any other prestigious university, you wanna study hard. You wanna take those difficult classes that are available to you. It shows that you're really willing to put yourself out there, push yourself and try. So you wanna take the most difficult classes available and do as well as you possibly can. You also wanna really focus on your standardized test scores. You wanna get those pretty high up there but more importantly you wanna look at extracurricular activities. You

wanna get involved in clubs, sports, playing musical instruments anything like that outside of school. But the most importantly you wanna get leadership positions in those activities and you wanna do volunteer work. If you can do volunteer work and community service that shows that you're willing to give back to your community and schools love that. But the most important part of anything is going to be your essay. Your essay is extremely critical. You wanna take a lot of time preparing your essay. You wanted it to be a personal statement describing something very personal that happen to you and how it shapes you as a person and how it has prepared you for your future experiences. So for example, I've been riding horses since I was five years old and in high school, I volunteered with hippotherapy which is therapeutic horseback riding for disabled children. Now I don't think anyone else wrote about Hippotherapy I think it was a pretty unique essay and that's what you want to do too. You wanna choose something that no one else would think to write and that's the best advice I can give you just basically you wanna get across exactly what you wanna do, how these schools are gonna help you get there and how you're gonna go become a leader in the field.

Part 8. Student Life

You mean at Harvard, right?

Yes.

OK, yes. So at Harvard, I study clinical psychology. I end up spending usually about 6 to 10 hours in the classroom each week but I also spend about 12 to 15 hours volunteering in a lab so what I do actually work one-on-one with patients in the lab setting running experiments things like that. I also have two part-time jobs. I work at a hospital running a clinical group to treat patients and I also give tours of Harvard and MIT and the Freedom Trail in Boston. As for other extracurriculars as I do horseback riding and I'm on the archery team so I shoot bow and arrow.