Creating Global Professionals
By Using A Project-Oriented CALL approach

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University of Rhode Island

Meaningful Learning, Proficiency-Based, and Blended Learning Approach.
Curriculum & Pedagogy
Flagship Program
URI Chinese Language
### The ACTFL Performance Descriptors

<table>
<thead>
<tr>
<th>Interpersonal</th>
<th>Interpretive</th>
<th>Presentational</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speaking and listening (conversation); reading and writing (text messages or via social media)</td>
<td>Reading (websites, stories, articles), listening (speeches, messages, songs), or viewing (video clips) of authentic materials</td>
<td>Writing (messages, articles, reports), speaking (telling a story, giving a speech, describing a poster), or visually representing (video or PowerPoint)</td>
</tr>
</tbody>
</table>

### The ACTFL Proficiency Guidelines 2012

#### Computer mediated communication (CMC)

<table>
<thead>
<tr>
<th>Level</th>
<th>Description</th>
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<tbody>
<tr>
<td>Novice</td>
<td>Can communicate minimally with formulaic and rote utterance, lists, and phrases</td>
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<tr>
<td>Intermediate</td>
<td>Can create with language, ask and answer simple questions on familiar topics, and handle a simple situation or transaction</td>
</tr>
<tr>
<td>Advanced</td>
<td>Can narrate and describe in all major time frames and handle a situation with a complication</td>
</tr>
<tr>
<td>Superior</td>
<td>Can support opinion, hypothesize, discuss topic concretely and abstractly, and handle a linguistically unfamiliar situation</td>
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#### Types of CMC

- **Synchronous**: Real-time communication
- **Asynchronous**: Communication not in real-time
Chinese Language Flagship Program

Synchronous

Kahoot
Socrative
Padlet
......

Wechat
Google drive
Sakai
Educannon
Ted-ed
Online video clip
......

Asynchronous

Movie Maker
Facebook
Voice memo
Pleco
Quizlet
......
The projects address key learning objects, and help students work associated with academic and professional disciplines.

Project-Based Learning (PBL) is typically considered an approach to teach in which students respond to real-world questions or challenges through an extended inquiry process.
Participants

- 2016 Spring CHN316H
- 14 Students: 6 Female, 8 Male; one heritage student
- Majors: 6 IEP, 4 IBP, 2 International Relations, 1 Math
- Language Proficiency:
  - Post-test 09/2015
  - ACTFL OPI: 14 AL+
  - BYU Reading: 7 IH 7AL+
  - BYU Listening: 6 IH 9AL+
Chinese Language Flagship Program

THE UNIVERSITY OF RHODE ISLAND

Environmetal Emissions in China
Alex Jenkins, Chemical Engineering & Chinese

Research-Results

Introduction

Oil in today's world is undoubtedly of great importance. Oil development is closely related to chemical engineering.

Purpose

The earliest descriptions include: "The marsh has water in the middle." "There is fire on fire.

Chinese Oil Industry: Past, Present and Future
Samuel Browne, University of Rhode Island
Project-Oriented Computer-Assisted Language Learning (PrOCALL)

In Class:
- Instructors, Classmates, and Visiting Scholars from China
- Posters

Instructors/Visiting Scholars from China

Double Majors

Other Major Courses/Exchange Students

How to find/write research paper
<table>
<thead>
<tr>
<th>Date</th>
<th>Task</th>
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</thead>
<tbody>
<tr>
<td>Tue. 2/16</td>
<td>Talk with your tutor and choose the topic of your final project. List at least 10 questions you want to know about the topic. <strong>Upload your questions on sakai- assignment due Tue. 9:00 pm.</strong></td>
</tr>
<tr>
<td>Wed. 2/23</td>
<td>Conduct the 1st interview with your current tutor during the tutoring session. It’s recommended that you record your interview so you could include interview information in supplements. <strong>Upload your first draft of 500 words on sakai- assignment due Wed. 9:00 pm.</strong></td>
</tr>
<tr>
<td>Thu. 3/7</td>
<td>Revise your first draft and start designing questions for the 2nd interview (8-10 questions). <strong>Upload your revision and questions on sakai- assignment due Thu. 9:00 pm.</strong></td>
</tr>
<tr>
<td>Mon. 3/21</td>
<td>Conduct the 2nd interview with your current tutor during the tutoring session. It’s recommended that you record your interview so you could include interview information in supplements. <strong>Upload your questions on sakai- assignment 7/12Tue. 9:00 pm.</strong></td>
</tr>
<tr>
<td>Wed. 4/3</td>
<td><strong>Upload your second draft of 1000 words on sakai- assignment due Wed. 9:00 pm. (Including both interviews)</strong></td>
</tr>
<tr>
<td>Thurs. 4/14</td>
<td><strong>Upload your final draft of 1200 words on sakai- assignment due Thurs. 9:00 pm.</strong> Please make sure your work meets the requirements and follows the format.</td>
</tr>
<tr>
<td>Tues. 4/19</td>
<td><strong>Upload your finalized essay and recording on sakai- assignment due Tues. 9:00 pm.</strong></td>
</tr>
<tr>
<td>Wed. 4/20</td>
<td>Poster making and <strong>Upload your poster on sakai-forums.</strong></td>
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</table>
Students use a real-world context and address issues that matter to themselves.

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<tbody>
<tr>
<td>1</td>
<td>陈冰IBP</td>
<td>论中国个人所得税公平性问题</td>
</tr>
<tr>
<td>2</td>
<td>彭恩董IBP</td>
<td>中国快递行业的发展</td>
</tr>
<tr>
<td>3</td>
<td>班赛睦IEP</td>
<td>中国石油工业发展对空气质量的影响</td>
</tr>
<tr>
<td>4</td>
<td>姜翱烈IEP</td>
<td>中国的空气污染物排放调查</td>
</tr>
<tr>
<td>5</td>
<td>龙山Math</td>
<td>微分方程的应用</td>
</tr>
<tr>
<td>6</td>
<td>王明华IBP</td>
<td>星巴克在中国的本土化</td>
</tr>
<tr>
<td>7</td>
<td>罗松桃IBP</td>
<td>美资连锁快餐店在重庆的本土化</td>
</tr>
<tr>
<td>8</td>
<td>陆玉霞IR</td>
<td>美国大选对中美关系的影响</td>
</tr>
<tr>
<td>9</td>
<td>李坤IEP</td>
<td>微处理器的发展：开发设计空气压力容器调节器的原因和过程</td>
</tr>
<tr>
<td>10</td>
<td>徐瀚IR</td>
<td>“一战”到“二战”期间中德关系的发展变化</td>
</tr>
<tr>
<td>11</td>
<td>卢俊煜IEP</td>
<td>缓存与管线</td>
</tr>
<tr>
<td>12</td>
<td>毛亮瑞IEP</td>
<td>缓步类动物的研究意义</td>
</tr>
<tr>
<td>13</td>
<td>谢妮Psychology</td>
<td>中国当前药物依赖症患者的研究</td>
</tr>
<tr>
<td>14</td>
<td>顾凯文IEP</td>
<td>中国式耕作方法与水污染的关系</td>
</tr>
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</table>
Sample of Presentation

Sample of first paper drafting

1. The current status of the telecommunications industry and its development prospects.
   a. The telecommunications industry is growing rapidly, with a growth rate of 13.7%. The industry is expected to become a major contributor to the country's economy in the future.
   b. The telecommunications industry is expected to continue to grow at a rate of 15% per year.
   c. The telecommunications industry is expected to reach a level of 90% by 2025.

2. The history of the telecommunications industry.
   a. The telecommunications industry has a long history, dating back to the 19th century.
   b. The telecommunications industry has undergone significant changes over the years, from the early days of telegraphy to the modern age of digital communication.

3. The future of the telecommunications industry.
   a. The telecommunications industry is expected to continue to evolve and develop in the future.
   b. The telecommunications industry is expected to become more reliant on technology and data.
   c. The telecommunications industry is expected to become more integrated with other industries, such as healthcare and education.
中国空气污染物的排放—Environmental Emissions in China

姜翱烈, 化学工程与中文—Alex Jenkins, Chemical Engineering & Chinese

研究材料—Results

目前世界主要经济体的可再生能源增长情况—Renewable Energy Growth in Major Economies

研究结论—Conclusions

研究方法—Research Method

参考—Citations

“中国太阳能市场，发展与现状”，《能源经济》，2006年，第5期，第6-7页，2006年4月。

Summary

This project helps students to acquire basic research habits that will serve them well later in life. One student says that: the course has filled a gap in my knowledge of the research process and the use of research tools. Another comments that: the course enables me to be successful in classes related to another major.
Future Research

1. Develop ‘quality’ teaching skills and the knowledge that is necessary for the language instructors to become ‘effective’ at supporting students’ learning process (Avalos 2011; Kumaravadivelu 2012; Wiseman 2012).

2. Ensure language educators have the teaching skills to fully integrate the use of technology into their pedagogical framework (Hubbard 2008; Koehler and Mishra 2009; Dooly and Sadler 2013).