Interested students can send their covering letter and CVs to chr@clp.com.hk with email titled “2016 CIP intern” before 30 May 2016. Students need to state their priority of project number in the application email:

<table>
<thead>
<tr>
<th>Priority</th>
<th>Project Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st choice</td>
<td>IT_SAND_5</td>
</tr>
<tr>
<td>2nd choice</td>
<td>IT_SAND_2</td>
</tr>
<tr>
<td>3rd choice</td>
<td>IT_SAND_1</td>
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</tbody>
</table>

Before appointment confirmation, according to “Statutory Minimum Wage: Notes for Student Employees and Employers” issued by Labour Department, selected students will be required to provide relevant official document(s) to confirm their “student intern” status or “work experience student” status under the Minimum Wage Ordinance. For details, please visit: http://www.labour.gov.hk.

> English > Topical Issues (Statutory Minimum Wage) > “Statutory Minimum Wage: Notes for Student Employees and Employers”

Should you have any enquiries, please feel free to contact me at 2678 8423 (Christie.cheng@clp.com.hk) or my colleague Pauline Chan at 2678 8542 (pauline.chan@clp.com.hk) or Grace Tsui at 2678 8435 (gracetsui@clp.com.hk).

Regards,

Christie Cheng

Human Resources – Corporate Units

CLP Power Hong Kong Limited
<table>
<thead>
<tr>
<th>Project Scope</th>
<th>Information Technology (IT)</th>
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<tr>
<td>Project Number</td>
<td>IT_SAND_2</td>
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<tr>
<td>Project Details</td>
<td></td>
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<tr>
<td>1. Internship Category:</td>
<td>Sandwich</td>
</tr>
<tr>
<td>2. Internship Period:</td>
<td>Jun 2016 – May 2017</td>
</tr>
</tbody>
</table>
| 3. Preferred University Disciplines: | • First Priority: Computer Science, Computer Studies, Information System  
                                          • Second Priority: Business Technology |
| 4. Project Name: | IT Infrastructure Implementation Project |
| 5. Business Objective(s): | • IT system project implementation  
                                           • Office cloud adoption  
                                           • Support users in their daily IT operations and usage |
| 6. Project Descriptions: | Projects include a variety of IT implementations including Windows 10 and Office 365 adoption; upgrade of our Group Communication system which provides instant messaging, video conference/meeting and phone call within the company; system monitoring and automation |
| 7. Project Deliverables: | Assist in trail and evaluation of new IT services, communication plan and end user support |
| 8. Expectations: | a. Special Skills required  
                               Willing to learn, good presentation and communication skill. Experience in simple programming would be advantage. Experience in Microsoft technologies and Office 365 preferable but not essential.  
                               b. Learning  
                               The intern can learn the most up-to-date technologies using in the project. During implementation and rollout of the project, the intern can be practically participated in project planning and design, implementation, communication and support of various user and their requirements. |
## Project Outline

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<th>Project Scope</th>
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<tbody>
<tr>
<td>Project Number</td>
<td>IT_SAND_3</td>
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<tr>
<td>Project Details</td>
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<tr>
<td>1. Internship Category:</td>
<td>Sandwich</td>
</tr>
<tr>
<td>2. Internship Period:</td>
<td>Jun 2016 – May 2017</td>
</tr>
</tbody>
</table>
| 3. Preferred University Disciplines: | - First Priority: Information Technology  
- Second Priority: BBA or related |
| 4. Project Name: | Desk-side Support Services Management |
| 5. Business Objective(s): | - To promote IT desktop services and tools for adding value to business  
- To explore innovative ideas/solutions to enhance desktop productivity  
- Vendor management to ensure quality delivery of support services |
| 6. Project Descriptions: | - Assign to Desk-side Support Team to manage desktop support environment  
- Be an ambassador and proactively to solicit customer feedback on desktop solutions  
- Make user of reporting analytics to identify process improvement for desk-side and helpdesk operation |
| 7. Project Deliverables: | - Desktop tools evaluation and testing  
- Conduct process improvement review  
- Project documentation |
| 8. Expectations: | **a. Special Skills required**  
- Strong interpersonal and presentation skills  
- Familiar with Windows environment and end-user computing tools  
- Creative thinking  

**b. Learning**  
- Corporate desktop management and vendor management  
- User liaison and communication skills  
- Active participation in desktop project implementation |
## Project Outline

<table>
<thead>
<tr>
<th>Project Scope</th>
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<tbody>
<tr>
<td>Project Number</td>
<td>IT_SAND_5</td>
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</tbody>
</table>

### Project Details

1. **Internship Category:** Sandwich
2. **Internship Period:** Jun 2016 – May 2017
3. **Preferred University Disciplines:**
   - First Priority: Information Technology/ Information System Management/ Engineering
   - Second Priority: Business Administration
4. **Project Name:** Strategic Meter Platform (SMP) and IT Infrastructure
5. **Business Objective(s):**
   - Enable the channel for Automated Meter Read (AMR)
   - Deliver the energy consumption data from customer to CLP in a timely manner accurately and securely
   - Excerpt the full benefit of services and features enable by AMI to enhance customer experience
6. **Project Descriptions:** The project will design, develop and implement the Strategic Meter Platform (SMP), network communication and IT infrastructure to support the AMI mass rollout.
7. **Project Deliverables:**
   - AMI communication infrastructure
   - AMI head end system (HES) and Network manager
   - Integration between AMI HES and downstream applications
   - AMI analytics platform
   - Enhancement of network infrastructure
8. **Expectations:**
   - **Special Skills required**
     - Microsoft Office (Word, Excel, PowerPoint, Outlook)
     - Articulate, attentive to details
     - Well organized and strong coordination skill
     - Good communication and presentation skill in English and Chinese
     - Problem Solving
   - **Learning**
     - The intern will gain hands-on experience on:
       - Latest technologies and applications in utility industry
CIP 2016
Project Outline

| | • Organise and lead workshop with large number of users  
• System testing and troubleshooting methodology  
• Project management practice |
### Project Outline

<table>
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<th>Project Scope</th>
<th>Information Technology (IT)</th>
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<tr>
<td>Project Number</td>
<td>IT_SAND_7</td>
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</tbody>
</table>

#### Project Details

1. **Internship Category:** Sandwich
2. **Internship Period:** 1 Jun 2016 – 31 May 2017
3. **Preferred University Disciplines:** Information Technology
4. **Project Name:** IT Contract and Asset Management
5. **Business Objective(s):**
   - Dealing with various commercial activities for IT system, software and hardware product which include tendering process, vendor selection, price negotiation, vendor management.
   - Participate in software license auditing and enhance process in software license tracking and reporting
6. **Project Descriptions:**
   - Perform detail cost analysis including price benchmarking for IT hardware and software.
   - Analyze current license audit processes and streamline them through the use of technology.
   - Participate in the Service Level management to ensure good IT services are continuously provided to the user.
7. **Project Deliverables:**
   - Contract/Framework agreement setup with vendor to meet IT business needs
   - Enhanced license monitoring process with newly developed programs.
8. **Expectations:**
   - **Special Skills required**
     - Business analytical skills such as price benchmarking and service performance analysis.
     - Good written, presentation, communication and interpersonal skills, and ability to work with MS Office suite.
   - **Learning**
     - Understand IT business running, hardware and software management in enterprise
     - Gain analytic skill and problem-solving
     - Understand the Best Practices in Service Level Management and reporting
# CIP 2016

## Project Outline

<table>
<thead>
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<th>Project Scope</th>
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<tbody>
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<td>Project Number</td>
<td>IT_SAND_8</td>
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</tbody>
</table>

### Project Details

#### 1. Internship Category:
Sandwich

#### 2. Internship Period:
Jun 2016 – May 2017

#### 3. Preferred University Disciplines:
- First Priority: Computer Science/Information Technology/Information System
- Second Priority: Business/Finance

#### 4. Project Name:
Enterprise Architecture (EA) Development

#### 5. Business Objective(s):
Standardize the application architecture within CLP Group, resulting in more-consistent business processes, reuse of functional components, avoidance of departmental silos, and duplication of disintegrated applications.

#### 6. Project Descriptions:
- Research on Utility solutions and explore the applicability in CLP
- Participate in architectural design to identify potential risks and cost implications
- Assist in the business process workshops including logistics setup, workshops facilitation and process documentation
- Communicate findings and arrange demonstrations for management feedback/decision

#### 7. Project Deliverables:
- Collect market intelligence for technologies and products in related area
- Carry out evaluation and feasibility study for selected technologies/products
- Setup attractive displays and carry out demonstration on selected technologies/products

#### 8. Expectations:

**a. Special Skills required**
- Interested in learning new technologies in the Utility sector
- Tolerant of ambiguity, willing to backtrack, seek multiple solutions
- Independent and analytical thinking
- Good communication and presentation skill

**b. Learning**
| | • The intern will gain hands-on experience on the latest technologies and applications being used in a business organization.  
• The Intern will gain hands-on experience on the evaluation / adoption determination process of new technologies or applications and understand the underlying implication / impact.  
• The intern will have the opportunity to practice his/her communication skill as well as to participate in project planning and solution design. |
## Project Outline

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<th>Project Scope</th>
<th>Information Technology (IT)</th>
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<tr>
<td><strong>Project Number</strong></td>
<td>IT_SAND_11</td>
</tr>
</tbody>
</table>

### Project Details

1. **Internship Category:** Sandwich
2. **Internship Period:** 1 Apr 2016 – 31 Mar 2017
3. **Preferred University Disciplines:** Information Technology
4. **Project Name:** Business enablement for an Assisted GPS solution
5. **Business Objective(s):**
   - Uplift the business performance and achieve cost saving
   - Extend the usability of the application
   - Leverage technology to streamline the business process
6. **Project Descriptions:**
   - Participate in an agile technology research project
   - Has exposure and involvement in a large project to deal with different level of stakeholders from junior frontline staff to senior management
   - Has chance to understand IT governance, budget planning, project management and product evaluation in a large corporation
7. **Project Deliverables:**
   - Conduct a Proof of Concept and feasibility study report
   - Business Case compilation
   - IT project budget planning
   - Rollout promotion campaign
8. **Expectations:**
   - **Special Skills required**
     - Be agile and flexible to cope with dynamic business environment
     - Good command of English and Cantonese
     - Good communication skill and could negotiate with different levels of people
     - Enthusiastic with project management and IT technology
     - Able to read and write in Simplified Chinese
   - **Learning**
|       | • A fast learner to new things with good business mindedness |
# Project Outline

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<thead>
<tr>
<th>Project Scope</th>
<th>Information Technology (IT)</th>
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<tbody>
<tr>
<td>Project Number</td>
<td>IT_SAND_12</td>
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</tbody>
</table>

## Project Details

1. **Internship Category:** Sandwich
2. **Internship Period:** 1 Jun 2016 – 31 May 2017
3. **Preferred University Disciplines:**
   - First Priority: Information Engineering/ Computer Science/ Information Technology/ Information System Management
   - Second Priority: Business Administration
4. **Project Name:** Mobile Application Development
5. **Business Objective(s):**
   - Explore, design and implement innovative mobile applications and digital solutions with latest technology in the market
   - Enhance business competitiveness in terms of productivity and brand image with innovative mobile solutions
   - Develop standards and frameworks of IT best practice and governance in mobility
6. **Project Descriptions:**
   - Apply technologies from market and explore applicability in CLP and assist in the implementation
   - Mobile app design
   - Mobile app development
   - Mobile and other digital solution testing and support
7. **Project Deliverables:**
   - Mobile device support
   - Framework and standards related to mobility
   - Mobile app enhancement
   - Open Data in mobility
8. **Expectations:**
   a. **Special Skills required**
      - Interest in IT technology
      - Good presentation and communication skill
      - Passion and IT skills like web, digital and mobile (e.g. iOS or android) development/ design, server installation and administration would be an advantage but not a must
      - Quick learner of new IT technologies
   b. **Learning**
| **CIP 2016**  
<table>
<thead>
<tr>
<th><strong>Project Outline</strong></th>
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<tbody>
<tr>
<td>The intern will gain hands-on experience on the latest technologies in a business organization setting. In addition, the intern will have the opportunity to learn mobile app development and mobile device management knowledge, as well as to participate in project to capture project management skill and soft skills (e.g. communication skill)</td>
</tr>
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</table>
**Project Outline**

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<tr>
<th>Project Scope</th>
<th>Information Technology (IT)</th>
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<tbody>
<tr>
<td>Project Number</td>
<td>IT_SUM_1</td>
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</tbody>
</table>

### Project Details

1. **Internship Category:** Summer
2. **Internship Period:** Jun 2016 – Aug 2016
3. **Preferred University Disciplines:** Computer Science/ Programming
4. **Project Name:** Development of Knowledge Sharing Platform and Mechanism (for effective information sharing communication among assets)
5. **Business Objective(s):** To enhance knowledge management in CU through development of a sharing platform/ mechanism
6. **Project Descriptions:** To establish a mechanism and develop an IT platform to share knowledge / information (incident sharing, plant defect/ technical issue, procedures etc.) effectively among CLP assets in different regions/ areas.
7. **Project Deliverables:** IT platform with workflow (process manual) for knowledge sharing to be delivered.
8. **Expectations:**
   - **Special Skills required**
     Programming, knowledge of software applications (being used by CLP) for enhancement
   - **Learning**
     Effective approach to develop a platform based on existing resources/ constraints (existing CLP software applications) for knowledge sharing.
## Project Outline

<table>
<thead>
<tr>
<th>Project Scope</th>
<th><strong>Technology Research (TR)</strong></th>
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<tr>
<td><strong>Project Number</strong></td>
<td>TR_SAND_1</td>
</tr>
</tbody>
</table>

### Project Details

1. **Internship Category:** Sandwich  
2. **Internship Period:** June 2016 to June 2017  
3. **Preferred University Disciplines:**  
   - First Priority: Computer Science/ Technology related  
   - Second Priority: Information Systems  
4. **Project Name:** 2016 Group Cyber Security Strengthening (CLP Holdings)  
5. **Business Objective(s):** To enhance and strengthen the ability for CLP affiliates across the regions to respond to a threat or confirmed incident  
6. **Project Descriptions:** As a critical infrastructure provider in Asia, mitigating cyber security risks are important to CLP Group. Our Cyber Security Team has won the “Best Security Strategy” award in the IT Excellence Awards 2013. The 2016 project will continue to extend IT Security to regional affiliates of CLP Group in line with our ongoing strategy. The internship is designed to provide the student an opportunity to work alongside cyber security experts to apply cyber security concepts in the real world. The project focuses on areas such cyber threats analysis, monitoring of malicious activities using CLP threat monitoring tools and ensuring business resilience.  
7. **Project Deliverables:** The overall 2016 Group Cyber Security Strengthening Project aims to:  
   - Extended the deployed technologies which has implemented in Hong Kong to regional affiliates  
   - Design and implement the operating model/procedures to suit regional needs for deployed technologies  
   - Develop the documentation for project  
   - Provide a weekly follow-up report on incidents and remediation strategies  
   - Report on cyber security advisories and latest cyber threats  
8. **Expectations:**  
   a. **Special Skills required**
### Project Outline

| | • knowledge of information technologies or network architectures.  
| | • analytical thinking and research skills  
| | • business skills for communicating with different levels of users  
| | • Strong passion to learn things outside own knowledge domain  

#### b. Learning

- The intern will come to understand the application of cyber security knowledge in a real work environment through both project based work & through the operational activities of the cyber security team.
### Project Outline

<table>
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<tr>
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<tr>
<td><strong>Project Number</strong></td>
<td><strong>TR_SAND_2</strong></td>
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<tbody>
<tr>
<td>1. Internship Category:</td>
<td>Sandwich</td>
</tr>
<tr>
<td>2. Internship Period:</td>
<td>June 2016 to June 2017</td>
</tr>
</tbody>
</table>
| 3. Preferred University Disciplines: | • First Priority: Computer Science/ Technology related.  
• Second Priority: Information Systems |
| 4. Project Name: | IT Security Strengthening 2016 – CLP Power |
| 5. Business Objective(s): | To enhance and strengthen the ability for CLP to manage security vulnerabilities and respond to a new threat |
| 6. Project Descriptions: | As a critical infrastructure provider in Asia, mitigating cyber security risks are important to CLP Group. Our Cyber Security Team has won the “Best Security Strategy” award in the IT Excellence Awards 2013. The 2016 project will continue to extend IT Security to CLP in line with our ongoing strategy. The internship is designed to provide the student an opportunity to work alongside cyber security experts to apply cyber security concepts in the real world. The project focuses on vulnerability management in an enterprise environment. |
| 7. Project Deliverables: | The overall IT Security Strengthening 2016 – CLP Power Project aims to:  
• Build the end to end, repeatable and documented operational process for managing the vulnerabilities  
• Implement the technologies in CLP environment  
• Build the support model and requirements for other systems to support this new process  
• Develop the documentation for project  
• Research on cyber security advisories and latest cyber threats |
| 8. Expectations: | *Special Skills required*  
• knowledge of information technologies or network architectures.  
• analytical thinking and research skills  
• business skills for communicating with different levels of users |
<p>| | |</p>
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<tbody>
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### b. Learning

The intern will come to understand the application of cyber security knowledge in a real work environment through both project based work & through the operational activities of the cyber security team.
## Project Outline

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<tr>
<th>Project Scope</th>
<th>Technology Research (TR)</th>
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</table>

### Project Number

| TR_SUM_1 |

### Project Details

1. **Internship Category:** Summer

2. **Internship Period:** 1 Jun 2016 – 31 Aug 2016

3. **Preferred University Disciplines:** Engineering, Science

4. **Project Name:** Solar Resource Assessment

5. **Business Objective(s):**
   - Develop tools and capabilities, analyze data, assist in process optimization etc. for solar resource assessment to support solar project development

6. **Project Descriptions:**
   - For solar project business case development, solar resource of a potential site needs to be estimated with a lot of satellite and ground data to process and analyze. The project scope includes development of tools and capabilities for such data analysis and also optimization or streamlining of the solar resource assessment process.

7. **Project Deliverables:**
   - Develop tools and capabilities for solar resource measurement and analysis
   - Process and analyze the data for potential sites
   - Optimize the assessment process and methodologies if necessary
   - Conduct technical research on solar technologies

8. **Expectations:**
   - **Special Skills required**
     - Data analytics skill and tool familiarization
     - Excel and other modelling/statistical tool familiarization
   - **Learning**
     - Business development cycle of solar projects
     - Solar resource assessment process