| 長岡工業高等専門学校 | 開講年度 | 令和05年度 (2023年度) | 授業科目 | 英語ⅠC |
|---|---|---|---|---|

## 科目基礎情報

| 科目番号 | 0009 | 科目区分 | 一般 / 必修 |
|---|---|---|---|
| 授業形態 | 講義 | 単位の種別と単位数 | 履修単位: 1 |
| 開設学科 | 電子制御工学科 | 対象学年 | 1 |
| 開設期 | 通年 | 週時間数 | 1 |
| 教科書/教材 | | | |
| 担当教員 | クラペット タネット,トッド モールド,土田 泰子 | | |

## 到達目標

この科目は長岡高専の教育目標の(B)と主体的に関わる．この科目の到達目標と，成績評価上の重み付け，各到達目標と長岡高専の学習・教育到達目標との関連を以下の表に示す．
① Students should acquire the basic skill of Design Thinking.  60%(b3)
② Students should acquire the basic skill of Critical Thinking.  20%(b3)
③ Students should acquire the basic skill of Logical Thinking.  10%(b3)
④ Students should acquire the basic skill of communication.  10%(b3)

## ルーブリック

| | 理想的な到達レベルの目安 | 標準的な到達レベルの目安 | 最低限の到達レベルの目安 | 未到達レベルの目安 |
|---|---|---|---|---|
| ① Design Thinking | I can use the basic method of Design Thinking. | I can understand the basic method of Design Thinking. | I can roughly understand the basic method of Design Thinking. | I can not understand the basic method of Design Thinking. |
| ② Critical Thinking | I can use the basic method of Critical Thinking. | I can understand the basic method of Critical Thinking. | I can roughly understand the basic method of Critical Thinking. | I can not understand the basic method of Critical Thinking. |
| ③ Logical Thinking | I can use the basic method of Logical Thinking. | I can understand the basic method of Logical Thinking. | I can roughly understand the basic method of Logical Thinking. | I can not understand the basic method of Logical Thinking. |
| ④ Communication | I can use the basic skill of communication. | I can understand the basic skill of communication. | I can roughly understand the basic skill of communication. | I can not understand the basic skill of communication. |

## 学科の到達目標項目との関係

## 教育方法等

| 概要 | This is the course to improve students' ability of Critical Thinking, Logical Thinking, Design Thinking, Creativity, Cooperation and Communication. |
|---|---|
| 授業の進め方・方法 | Group work |
| 注意点 |　If we can give students practice in communicating with technical industrial and social contexts, they will have advantages in both their working careers and personal lives. Having abilities in English is a big plus in the business world today.<br>本科目は本来、面接授業として実施を予定していたものであるが、新型コロナウイルス感染症の拡大による緊急事態において、必要に応じ遠隔授業として実施するものである。 |

## 授業の属性・履修上の区分

| ☑ アクティブラーニング | □ ICT 利用 | □ 遠隔授業対応 | □ 実務経験のある教員による授業 |
|---|---|---|---|

## 授業計画

| | | 週 | 授業内容 | 週ごとの到達目標 |
|---|---|---|---|---|
| 前期 | 1stQ | 1週 | Introduction, Find SDGs (1) | Students acquire the basic information of essential thinking. |
| | | 2週 | Logical thinking (1) | Students acquire the basic skill of logical thinking. |
| | | 3週 | Critical thinking (1) | Students acquire the basic skill of critical thinking. |
| | | 4週 | Design thinking: Project I (1) | Students acquire the basic skill of design thinking. |
| | | 5週 | Design thinking: Project I (2) | Students acquire the basic skill of design thinking. |
| | | 6週 | Design thinking: Project I (3) | Students acquire the basic skill of design thinking. |
| | | 7週 | Design thinking: Project I (3) | Students acquire the basic skill of design thinking. |
| | | 8週 | Logical and Critical thinking (1) | Students acquire the basic skill of logical and critical thinking. |
| | 2ndQ | 9週 | Logical thinking (2) | Students acquire the basic skill of logical thinking. |
| | | 10週 | Logical and Critical thinking (2) | Students acquire the basic skill of logical and critical thinking. |
| | | 11週 | Design thinking: Project I (4) | Students acquire the basic skill of design thinking. |
| | | 12週 | Design thinking: Project I (5) | Students acquire the basic skill of design thinking. |
| | | 13週 | Design thinking: Project I (6) | Students acquire the basic skill of design thinking. |
| | | 14週 | Design thinking: Project I (7) | Students acquire the basic skill of design thinking. |
| | | 15週 | Design thinking: Project I (8) | Students acquire the basic skill of design thinking. |
| | | 16週 | Review / Feedback | Students comprehend the basic information of essential thinking. |
| 後期 | 3rdQ | 1週 | Introduction, Find SDGs (2) | Students acquire the basic information of essential thinking. |
| | | 2週 | Logical thinking (3) | Students acquire the basic skill of logical thinking. |
| | | 3週 | Critical thinking (2) | Students acquire the basic skill of critical thinking. |
| | | 4週 | Design thinking: Project II (1) | Students acquire the basic skill of design thinking. |
| | | 5週 | Design thinking: Project II (2) | Students acquire the basic skill of design thinking. |

| | | 6週 | Design thinking: Project II (3) | Students acquire the basic skill of design thinking. |
|---|---|---|---|---|
| | | 7週 | Design thinking: Project II (3) | Students acquire the basic skill of design thinking. |
| | | 8週 | Find SDGs (3) | Students acquire the basic information of essential thinking. |
| | 4thQ | 9週 | Logical thinking (4) | Students acquire the basic skill of logical thinking. |
| | | 10週 | Critical thinking (3) | Students acquire the basic skill of critical thinking. |
| | | 11週 | Design thinking: Project II (4) | Students acquire the basic skill of design thinking. |
| | | 12週 | Design thinking: Project II (5) | Students acquire the basic skill of design thinking. |
| | | 13週 | Design thinking: Project II (6) | Students acquire the basic skill of design thinking. |
| | | 14週 | Design thinking: Project II (7) | Students acquire the basic skill of design thinking. |
| | | 15週 | Design thinking: Project II (8) | Students acquire the basic skill of design thinking. |
| | | 16週 | Review / Feedback | Students comprehend the basic information of essential thinking. |

## モデルコアカリキュラムの学習内容と到達目標

| 分類 | 分野 | 分野 | 学習内容 | 学習内容の到達目標 | 到達レベル | 授業週 |
|---|---|---|---|---|---|---|
| 基礎的能力 | 人文・社会科学 | 英語 | 英語運用能力の基礎固め | 日常生活や身近な話題に関して、毎分100語程度の速度ではっきりとした発音で話された内容から必要な情報を聞きとることができる。 | 3 | 後9 |
| | | | | 日常生活や身近な話題に関して、自分の意見や感想を基本的な表現を用いて英語で話すことができる。 | 3 | 前1,前2,前5,後9 |
| | | | | 説明や物語などの文章を毎分100語程度の速度で聞き手に伝わるように音読ができる。 | 3 | 後3 |
| | | | | 平易な英語で書かれた文章を読み、その概要を把握し必要な情報を読み取ることができる。 | 3 | 前11,後12 |
| | | | | 日常生活や身近な話題に関して、自分の意見や感想を整理し、100語程度のまとまりのある文章を英語で書くことができる。 | 3 | 前4,後12 |
| | | | | 母国以外の言語や文化を理解しようとする姿勢をもち、実際の場面で積極的にコミュニケーションを図ることができる。 | 3 | 後12 |
| | | | | 実際の場面や目的に応じて、基本的なコミュニケーション方略(ジェスチャー、アイコンタクト)を適切に用いることができる。 | 3 | |
| | | | 英語運用能力向上のための学習 | 英語でのディスカッション(必要に応じてディベート)を想定して、教室内でのやり取りや教室外での日常的な質問や応答などができる。 | 3 | |
| | | | | 母国以外の言語や文化を理解しようとする姿勢をもち、教室内外で英語で円滑なコミュニケーションをとることができる。 | 3 | |

## 評価割合

| | Examinatioin | Presentation | Mutual evaluation | Attitude | Portfolio | Others | 合計 |
|---|---|---|---|---|---|---|---|
| 総合評価割合 | 0 | 20 | 10 | 10 | 60 | 0 | 100 |
| 基礎的能力 | 0 | 10 | 5 | 5 | 30 | 0 | 50 |
| 専門的能力 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 分野横断的能力 | 0 | 10 | 5 | 5 | 30 | 0 | 50 |