# Course Syllabus

1. **Course Name: Introduction to Garment Technology**
2. **Course Code: INGT130151**
3. **Credit Unit:** 3 (2+1) credits (2/1/6) (2 units of theory, 1 unit of experiment)
Duration: 15 weeks (2 hours of theory + 2 hours of practice, 6 hours of self-study per week)
4. **Course Instructors**
    1/ Tran Thanh Huong, M.Ed
    2/ Ta Vu Thuc Oanh, M.Sc
    3/ Nguyen Phuoc Son, PhD
    4/ Nguyen Tuan Anh, PhD
5. **Course Requirements**
    Prerequisite courses: None
    Previous courses: None
6. **Course Descriptions**
This course is to equip the first-year student information about Ho Chi Minh City University of Technology and Education, Faculty of Garment Technology and Fashion Design and to assist them to get familiarized as well as to adapt shortly to new learning environment. The course also introduces generally about the garment technology programme and career direction, which help students to understand duty, roles and responsibilities of a garment engineer in the future. In addition, it contributes to build and develop the working ethics as well as to practice soft skills.
7. **Course Goals**

| Goals | Goal descriptions | ELOs | Scale |
|---|---|---|---|
| G2 G4 | Career orientation, learning attitude and working ethics | ELO-07 | 4 |
| | | ELO-08 | 4 |
| | | ELO-12 | 4 |
| | | ELO-19 | 3 |
| G3 | Communication and teamwork skills | ELO-09 | 4 |
| | | ELO-10 | 3 |

8. **Course Learning Outcomes (CLOs)**

| CLOs | | CLO Descriptions | ELOs | Scale |
|---|---|---|---|---|
| G2 | CLO1 | Motivate skills and positive personal attitude, self-actualize to learn effectively, develop creative thinking | ELO-07 | 4 |
| | CLO2 | Identify ethics and regulation in learning, personal lives and working and make study plans proactively, update new information about garment industry. | ELO-08 | 4 |
| G3 | CLO3 | Take part in team effectively | ELO-09 | 4 |
| | CLO4 | Build communication in daily lives with written documents, via electronic devices and to present in front of a large audience Develop English and adapt the self-study learning methods for learning English | ELO-10 | 3 |
| G4 | CLO5 | Identify the importance of technical operations towards environment and society | ELO-12 | 4 |
| | CLO6 | Present and implement ideas for start-ups in textile and garment business | ELO-19 | 3 |

9. **Learning Ethics:**
Homework and project are required to be done on one's own. If being detected plagiarism, the students who involve in get 0 (zero) mark for the mid-term and final term scores.
10. **Course Contents:**

| Week | Contents | CLO | Scale | Teaching methods | Assessment |
|---|---|---|---|---|---|
| 1 | **Chapter 1: Introduction to Ho Chi Minh City University of Technology and Education** | | | | |
| | *A/ Teaching content (3)*<br>1.1. Introduction to HCMUTE<br>  1.1.1. History and development<br>  1.1.2. Vision and mission<br>  1.1.3. Development direction<br>  1.1.4. Organizational structure<br>1.2. Introduction to FGTFD<br>  1.2.1. History and development<br>  1.2.2. Development direction<br>  1.2.3. Organizational structure<br>1.3. Regulations and forms in student handbook | **CLO1** | 4 | Lecturing and explanation | Oral questioning |
| | *B/ Self-study content*: *(6)*<br>- Diagrams of location to borrow the textbooks and reference materials of GT programme in FGTFD's office and HCMUTE's library<br>- Information of faculty's staff (fullname, department, teaching courses) | **CLO1**<br>**CLO4** | 4<br>3 | | |
| 2 | **Chapter 2: General knowledge of technology** | | | | |
| | *A/ Teaching content (3)*<br>1.1. Concepts of technology<br>1.2. What to do for engineers?<br>1.3. Factors of technological analysis<br>1.4. Technology used in garment technology<br>**Exercise 5:** Do self-introduction in English | **CLO1**<br>**CLO2**<br>**CLO5** | 4<br>4<br>4 | Lecturing and explanation | Oral questioning |
| | *B/ Self-study content*: *(6)*<br>**Exercise 1:** Present what you know about HCMUTE, FGTFD, workshops and the major | **CLO1** | 4 | | |
| 3 | **Chapter 3: Technical design** | | | | |
| | *A/ Teaching content (3)*<br>3.1. Concept of technical design<br>3.2. Process of technical design<br>- Determine problems<br>- Make preliminary design to select<br>- Assess alternatives and select design<br>- Do detailed design<br>- Defend design approach<br>- Produce and conduct trial<br>- Assess on the function of product<br>- Report on product design<br>**Exercise 5:** Do self-introduction in English<br>      (continue) | **CLO1**<br>**CLO2**<br>**CLO3**<br>**CLO5** | 4<br>4<br>4<br>4 | Lecturing and explanation<br><br>Discussion and teamwork | Oral questioning, observation and Report on team activities |
| | *B/ Self-study content*: *(6)*<br>*Exercise* **6:** Design a collection (5 products) made from recycle materials and prepare for end-of-term report | **CLO1**<br>**CLO3** | 4<br>4 | | |
| | *Chapter 4: Career orientation* | | | | |

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| 4 | *A/ Teaching content (3)*<br>**1.4. Introduction to GT**<br>1.4.1. History and development<br>1.4.2. Roles of garment industry in society<br>1.4.3. Introduction to expected learning outcomes of GT programme<br>1.4.4. Introduction to related majors (close to GT programme) | **CLO1**<br>**CLO2**<br>**CLO5** | **4**<br>**4**<br>**4** | Lecturing and explanation | Oral questioning |
| | 1.4.5. Roles, status, responsibilities of GT engineer<br>**1.5. Introduction to GT programme**<br>1.5.1. Introduction to the modules of general knowledges<br>1.5.2. Introduction to the modules of specialized knowledge<br>1.5.3. Analysis of essentials of related courses<br>1.5.4. Analysis of relationship between theories and practices<br>1.5.5. Introduction to website address, textbooks and reference materials<br>1.5.6. Introduction to opportunities and challenges in the future<br>**1.6. Professional norms**<br>- Professional personal image<br>- Effective communication (principle 3T)<br>- 7 habits of success<br>- 12 living values<br>**Exercise 5:** Do self-introduction in English (continue) | | | | |
| | *B/ Self-study content*: *(6)*<br>Students are required to research on GT programme learning outcome, content of courses and analyze benchmarking of CLOs with ELOs | **CLO1**<br>**CLO2** | **4**<br>**4** | | |
| | *Chapter 5: Career orientation (continue)* | | | | |
| 5 | *A/ Teaching content (3)*<br>**5.1. Alumni meeting**<br>+ Lecturer introduces guests: names, current position, professional responsibilities<br>+ Organize the meeting: guests share their key to success<br>+ Student asks questions to know how to solve problems in practice<br>+ Write down necessary information.<br>**Exercise 2**: Report on the meeting<br>**Exercise 5:** Do self-introduction in English (continue) | **CLO1**<br>**CLO2**<br>**CLO4**<br>**CLO5** | **4**<br>**4**<br>**3**<br>**4** | Lecturing and explanation<br>+ Asking questions and answer | Oral questioning |
| | *B/ Self-study content*: *(6)*<br>+ Present thoughts on building personal professional images | **CLO1** | **4** | | |
| | *Chapter 5: Effective learning methods in universities* | | | | |

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| 6 | **A/ Teaching content (3)**<br>5.1. Determine proper goals and learning motivation<br>5.2. Build learning plan and time management chart<br>5.3. Introduction to effective learning methods<br>5.4.Introduction to skills which aids students in learning process<br>5.5. Skill of develop learning plans<br>5.6. Skill of time management<br>  - Skill of listening to lecture and taking notes<br>  - Skill of thinking | **CLO1**<br>**CLO2**<br>**CLO5** | **4**<br>**4**<br>**4** | Lecturing and explanation | Oral questioning |
| |   - Skill of information search<br>  - Information search on internet<br>  - Information search in books, newspapers and reference materials<br>  - Process of information search<br>  - Practise of information search<br>  - Skill of self-study and life-long learning<br>**Exercise 5:** Do self-introduction in English (continue) | | | | |
| | **B/ Self-study content**: *(6)*<br>+ Research on information and data gathering<br>+ Practical skill of memorizing<br>+ Mindmap and Tony Buzan's books | **CLO1** | **4** | | |
| | ***Chapter 6: Skill of teamwork*** | | | | |
| 7 | **A/ Teaching content (3)**<br>6.1. The role of skill of teamwork<br>6.2.Principle of teamwork<br>6.3.Skill of teamwork<br>  6.3.1.   Form working groups<br>  6.3.2.   Skill of project making<br>*Games:* build bamboo towers, going together, cutting paper, blowing baloons...<br>**Exercise 5:** Do self-introduction in English (continue) | **CLO1**<br>**CLO2**<br>**CLO4**<br>**CLO5** | **4**<br>**4**<br>**3**<br>**4** | Lecturing and explanation + Discussion and teamwork | Oral questioning, observation and report on team activities |
| | **B/ Self-study content**: *(6)*<br>Working in team: **Exercise 3**: Search information according to topics: Ex: Prove that traditional Vietnamese costumes, writing reports prepare for presentation | **CLO1**<br>**CLO2**<br>**CLO3**<br>**CLO4** | **4**<br>**4**<br>**4**<br>**3** | | |
| | ***Chapter 6: Skill of teamwork (continue)*** | | | | |
| 8 | **A/ Teaching content (3)**<br>6.3. Skill of teamwork (continue)<br>  6.3.1   Skill of planning and managing team<br>  6.3.2   Skill of conflict management<br>  6.3.3   Skill of assessing team's activities<br>**Exercise 5:** Doing self-introduction in English (continue) | **CLO1**<br>**CLO2**<br>**CLO3**<br>**CLO4**<br>**CLO5** | **4**<br>**4**<br>**4**<br>**3**<br>**4** | Lecturing and explanation + Discussion and teamwork | Oral questioning, listening and reflection |
| | **B/ Self-study content**: *(6)*<br>Make a plan of camping trip in Long Hai in 2 days 1 night for 20 people | **CLO1**<br>**CLO2** | **4**<br>**4** | | |
| | ***Chapter 7: Skill of problem solving*** | | | | |

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| 7 | *A/ Teaching content (3)*<br>7.1. Concept of "problem"<br>7.2. Importance of problem solving skill for working efficiency<br>7.3. Process of problem solving<br>7.4. Tools for problem solving<br>**Exercise 5:** Do self-introduction in English (continue) | **CLO1**<br>**CLO2**<br>**CLO3**<br>**CLO5** | **4**<br>**4**<br>**4**<br>**4** | Lecturing and explanation + Discussion and teamwork | Oral questioning, observation and report on team activities |
| | *B/ Self-study content*: *(6)*<br>Students self-solve a problem in their lives which is recommended by the lecturer | **CLO1**<br>**CLO2**<br>**CLO4** | **4**<br>**4**<br>**3** | | |
| 8 | *Chapter 8: Communication skills* | | | | |
| | *A/ Teaching content (3)*<br>8.1. Overview of communication<br>8.2. Spoken communication skill<br>  8.2.1. Participating in meeting<br>  8.2.2. Presentation skill<br>  8.2.3. Designing reports by PPT<br>**Exercise 5:** Do self-introduction in English (continue) | **CLO1**<br>**CLO2**<br>**CLO5** | **4**<br>**4**<br>**4** | Lecturing and explanation | |
| | *B/ Self-study content*: *(6)*<br>Teamwork: practical skills of conversation and listening as given requirements | **CLO1**<br>**CLO2**<br>**CLO3**<br>**CLO4** | **4**<br>**4**<br>**4**<br>**3** | | |
| 9 | *Chapter 8: Communication skill* *(continue)* | | | | |
| | *A/ Teaching content (3)*<br>8.2. Spoken communication skills (continue)<br>**Exercise 3:** Design report (PowerPoint) and present in team on "prove that ... is traditional Vietnamese costumes"<br>**Exercise 5:** Do self-introduction in English (continue) | CLO1<br>**CLO2**<br>**CLO3**<br>**CLO4**<br>**CLO5** | **4**<br>**4**<br>**4**<br>**3**<br>**4** | Lecturing and explanation + Students practise presentation skills | Oral questioning, observation and report on team activities |
| | *B/ Self-study content*: *(6)*<br>1. Prepare for self-introduction in English<br>2. Study about common communication converstion situations in English | CLO1<br>**CLO2**<br>**CLO5** | **4**<br>**4**<br>**4** | | |
| | *Chapter 8: Communication skills (continue)* | | | | |
| | *A/ Teaching content (3)*<br>8.3. Skill of negotiation - persuasion<br>8.4. Skill of communicating in English<br>  8.4.1. The role of English in communication and technology<br>  8.4.2. Skill of self-study English<br>**Exercise 5:** Doing self-introduction in English (continue) | **CLO1**<br>**CLO4**<br>**CLO5** | **4**<br>**3**<br>**4** | Lecturing and explanation + Students practise presentation skills | Oral questioning, observation and report on team activities |

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| 10 | *B/ Self-study content*: *(6)*<br>Teamwork: 8-10 members for each group prepare content for end-of-term presentation:<br>1. Collect name, address, photos of 5 enterprises in Ho Chi Minh city which specilized in producing shirts, trousers, jackets, sportswear, male and female underwear....<br>2. Collect photos of facilities of workshops of cutting, sewing, finishing (5 equipments per workshop)<br>3. Design collection (5 products) from recycled materials<br>4. Make report using Power Point and show the collection in the last class | **CLO1**<br>**CLO2**<br>**CLO3**<br>**CLO4** | **4**<br>**4**<br>**3**<br>**3** | | |
| | *Chapter 8: Skill of communication (continue)* | | | | |
| 11 | *A/ Teaching content (3)*<br>8.5. Skill of communication via documents<br>8.6. Skill of writing documents and letters<br>8.7. Skill of writing email<br>8.8. Skill of writing professional reports<br>**Exercise 5:** Doing self-introduction in English | **CLO1**<br>**CLO2**<br>**CLO5** | **4**<br>**4**<br>**4** | Lecturing and explanation | Oral questioning |
| | (continue) | | | | |
| | *B/ Self-study content*: *(6)*<br>Each student writes one of the following documents:<br>1. Letter of asking for approval of subsidizing for unexpected difficulty<br>2. Letter of using hall<br>3. Plan of organizing the department's music performance contest<br>4. Invitation letter for meeting | **CLO1**<br>**CLO2**<br>**CLO4** | **4**<br>**4**<br>**3** | | |
| | **Chapter 9: Work ethics** | | | | |
| 12 | *A/ Teaching content (3)*<br>9.1. Personal ethics<br>9.2. Ethics in studying for students<br>9.3. Professional ethics (build the picture of garment engineers in the future)<br>**Exercise 5:** Do self-introduction in English (continue) | **CLO1**<br>**CLO2**<br>**CLO5** | **4**<br>**4**<br>**4** | Lecturing and explanation + Raising issues and answer | Oral questioning |
| | *B/ Self-study content*: *(6)*<br>Solve given cases of work ethics | **CLO1**<br>**CLO2** | **4**<br>**4** | | |
| | **REPORT ON RESULTS OF DOING FINAL TERM ASSIGNMENT** | | | | |
| 13 | *A/ Teaching content (3)*<br>Groups report on results of dong end-of-term exerices<br>Comment and preliminary assess<br>**Exercise 5:** Doing self-introduction in English (continue) | **CLO1**<br>**CLO2**<br>**CLO3**<br>**CLO4**<br>**CLO5** | **4**<br>**4**<br>**4**<br>**3**<br>**4** | Lecturing and explanation + Students work in teams | Oral questioning, observation and report on team activities |
| | *B/ Self-study content*: *(6)*<br>Review learnt knowledge | **CLO1**<br>**CLO2** | **4**<br>**4** | | |

**11. Student Assessment:**
- Grading scale: **10**
- Assessment plan as follows:

| Type | Content | Timeline | CLOs | CPT | Assessment method | Assessment tool | Rate (%) |
|---|---|---|---|---|---|---|---|
| **Formative Assessment** | | | | | | | **50** |
| Problem #1 | Present about HCMUTE, FGTFD, workshops and the major | Week 2 | **CLO1** **CLO4** | 4 3 | Reading assignment | Hard copy | 5 |
| Problem #2 | Report on the meeting with sucessful alumni | Week 4 | **CLO1** **CLO2** **CLO4** | 4 4 3 | Reading report sheets | Report – hard copy | 10 |
| Problem #3 | Design report (PPT) and present in team on "prove that is traditional Vietnamese costumes" | Week 11 | **CLO1** **CLO2** **CLO3** **CLO4** | 4 4 4 3 | Reading learning profiles and listening | Presenting in team | 15 |
| Problem #4 | Practical skills of communication and listening | Week 12 | **CLO1** **CLO2** **CLO3** **CLO4** | 4 4 4 3 | Reading learning profiles and listening | Presenting in team | 10 |
| Problem #5 | Do self-introduction in English | Every week | **CLO1** **CLO4** **CLO5** | 4 3 4 | Observing and listening | Presentation by each individual | 10 |
| **Summative Assessment** | | | | | | | **50** |
| Problem # 6 | Integrated exercise 1. Introduction to group 2. Design, present ideas and the process of making the collection (5 products) made from recycled materials. 3. Show collections 4. Conclusion | Week 15 | **CLO1** **CLO2** **CLO3** **CLO4** **CLO5** **CLO6** | 4 4 4 3 4 3 | Presentation + Display + Debating | Reading learning profiles and listening | 50 |

| CLOs | Assessment Types | | | | | |
|---|---|---|---|---|---|---|
| | Problem #1 | Problem #2 | Problem # 3 | Problem # 4 | Problem # 5 | Problem #6 |
| CLO1 | X | X | X | X | X | X |
| CLO2 | | X | X | X | | X |
| CLO3 | | | X | X | | X |
| CLO4 | X | X | X | X | X | X |
| CLO5 | | | | | X | X |
| CLO6 | | | | | | X |

**12. Learning Resources**

- **Textbooks:**

1. **Trần Thanh Hương** - Teaching Materials: *"Introduction to Garment Technology major"*, Đại học Sư phạm Kỹ thuật TP.HCM, 2016

2. Student Handbook (2018, 2019)

- **Reference Materials:**

1. **Stephen R. Covey, Vũ Tiến Phúc** (translator)- *The 7 Habits of Highly Effective People*, Youth Publisher

2. **Tony Buzan**: *Use your memory*- First published in Great Britain - 1986

3. **Nguyễn Kim Phước:** *Methods of raising learning efficiency* – Bach Khoa Publisher - Hanoi – 2012

4. **Andrew Matthews** – *Life changes when we change* – Youth Publisher - 2011

5. **Leil Lowndes** – *How to talk to anyone* – Labour and Society Publisher – 2012

6. Associate Professor - Doctor **Dang Dinh Boi** – Lecture "Teamwork skill" – Ho Chi Minh

city University of Agriculture and Forestry
7. Internet – Documents necessary for learning
8. Leaflets of introduction to garment enterprises

**13.  Date of first approval:** June 15, 2018

**14.  Approved by:**

| Dean | Head of Department | Instructor |
|------|--------------------|------------|
| **Vu Minh Hanh, M.Ed** | **Nguyen Ngoc Chau, PhD** | **Tran Thanh Huong, M.Ed** |

**15.  Date and up-to-date contents**

| 1ˢᵗ time: Date | Instructor |
|----------------|------------|
|                | **Head ofDepartment** |