

Off-campus internship course information

No. Off-campus internship

Course Name Ability Development Indicator Compulsory/Elective Teaching

Grade/Semester Credits Weekly Hours

1 Industrial Practice (I) 1. Factory Safety Education and Environmental Policy

2. Workplace ethics and culture

3. Knowledge of company products

4. Knowledge of company raw materials

5. Get to know the company's machines

6. Public security and environmental safety awareness

7. Understanding of the procedures of each unit Compulsory Grade 2

1st semester 6 credits 24 hours

2 Industrial Practice (II) 1. Basic skills learning

2. Quality policy and objectives

3. Understanding of quality standards

4. Interpretation of work instructions

5. QC stamps to indicate the work requirements

6. Packaging instructions

7. Daily Inspection Compulsory Grade 2

2nd semester 6 credits 24 hours

3 Industrial Practice (III) 1. Daily maintenance of machines

2. Locking skills

3. Machine operation safety instructions

4. Rubber sticking (simple)

5. Locking skills

6. Material identification and recognition

7. Daily Inspection Compulsory Grade 3

1st semester 6 credits 24 hours

4 Industrial Practice (IV) 1. Rubber gluing (not simple)

2. Locking skills

3. Electric screwdriver torque setting and interpretation

4. Pressure gauge pressure value setting Optional Grade 3

2nd semester 6 credits 24 hours

5 Industrial Practice (V) 1. Pre-organization

2. General machine operation

3. CNC program writing

4. CNC machine operation

3. Simple Machine Troubleshooting Optional Grade 4

1st semester 6 credits 24 hours

6 Industrial Practice (VI) 1. Mechanical Design Drawing

2. Mechanical Design

3. PLC troubleshooting

4. Production line automation planning and design

5. Production Line Management Optional 4th Grade

2nd semester 6 credits 24 hours

★Practice course planning

Course Name Industrial Practice (I)

Course Content Theme 1 Theme 2 Theme 3 Theme 4

Factory Safety Education and Environmental Policy

Workplace ethics and culture Company product knowledge

Understanding the company's raw materials and machines

Public security and environmental safety awareness, understanding of the processes of each unit

Course duration

(Total 18 weeks) 4 weeks 5 weeks 5 weeks 4 weeks

Course Name Industrial Practice (II)

Course Content Theme 1 Theme 2 Theme 3 Theme 4

Basic skills learning

Quality policy and objectives Quality standards

Interpretation of work instructions QC stamping to indicate work requirements

Packaging Operation Instructions Daily Inspection

Course duration

(Total 18 weeks) 4 weeks 5 weeks 5 weeks 4 weeks

Course Name Industrial Practice (III)

Course Content Theme 1 Theme 2 Theme 3 Theme 4

Daily maintenance of the machine

Locking skills Machine operation safety tips

Rubber sticking (simple) Locking skills

Material identification and recognition Daily inspection

Course duration

(Total 18 weeks) 5 weeks 4 weeks 5 weeks 4 weeks

Course Name Industrial Practice (IV)

Course Content Theme 1 Theme 2 Theme 3 Theme 4

Rubber sticking (not simple)

Locking skills Electric screwdriver torque setting and interpretation

Pressure gauge pressure value setting front assembly

Machine Operation Simple Machine Troubleshooting

Course duration

(Total 18 weeks) 5 weeks 4 weeks 5 weeks 4 weeks

Course Name Industrial Practice (V)

Course Content Theme 1 Theme 2 Theme 3 Theme 4

Pre-assembly General machine operation CNC programming CNC machine operation

Simple machine troubleshooting

Course duration

(Total 18 weeks) 5 weeks 3 weeks 6 weeks 4 weeks

Course Name Industrial Practice (VI)

Course Content Theme 1 Theme 2 Theme 3 Theme 4

Mechanical design drawing

Mechanical Design

PLC troubleshooting Production line automation planning and design Production line management

Course duration

(Total 18 weeks) 5 weeks 3 weeks 6 weeks 4 weeks