P.G. Diploma (Aerospace Technical Publication): NSQF Level -8

| Туре | No. of hrs. per sem. | Credit |
|---------------------------|----------------------|--------|
| Theory | 15 | 1 |
| Practical | 30 | 1 |
| On-the-Job Training (OJT) | 45 | 1 |

| TEACHING SCHEME FOR FIRST SEMESTER | | | | | | | | | | | | | | | |
|------------------------------------|--|---------|-----|--------|------|------|-----------|------|------|----------------|-----|-----|------|-----|--|
| | Subject | Credits | | Marks | | | | | | Total hrs. per | | | NSQF | | |
| Code | Name | | | Theory | | | Practical | | | Total course | | | L8 | | |
| | | Th. | Pr. | To. | Int. | Ext. | To. | Int. | Ext. | To. | | Th. | Pr. | To. | |
| AE806 | Aircraft Inspection and Maintenance | 4 | _ | 4 | 30 | 70 | 100 | - | - | - | 100 | 60 | 0 | 60 | |
| AE804 AE804L | Aircrafts Basics and Systems | 3 | 1 | 4 | 15 | 35 | 50 | 35 | 15 | 50 | 100 | 45 | 30 | 75 | |
| AE807 AE807L | Arbortext Epic Editor | 1 | 3 | 4 | 15 | 35 | 50 | 35 | 15 | 50 | 100 | 15 | 90 | 105 | |
| AE808 AE808L | Arbortext IsoDraw | 1 | 3 | 4 | 15 | 35 | 50 | 35 | 15 | 50 | 100 | 15 | 90 | 105 | |
| ME803 | Engineering Graphics | 3 | 1 | 4 | 15 | 35 | 50 | 35 | 15 | 50 | 100 | 45 | 30 | 75 | |
| AE809 | Technical Publications Manual | 4 | - | 4 | 30 | 70 | 100 | - | - | - | 100 | 60 | 0 | 60 | |
| AE810 | Technical Publications Standards | 3 | - | 3 | 30 | 70 | 100 | - | - | - | 100 | 45 | 0 | 45 | |
| Grand To | otal | 19 | 8 | 27 | 150 | 350 | 500 | 140 | 60 | 200 | 700 | 285 | 240 | 525 | |

| | TEACHING SCHEME FOR SECOND SEMESTER | | | | | | | | | | | | | | |
|--------|---|---------|-----|--------|-------|-----------|-----|-------|--------|-----|----------------|------------|------|------|----|
| | | Credits | | | Marks | | | | | | Total hrs. per | | | NSOE | |
| Code | Subject Name | Creans | | Theory | | Practical | | Total | course | | | NSQF L8 | | | |
| | | Th. | Pr. | To. | Int. | Ext. | To. | Int. | Ext. | To. | TUtal | Th. | Pr. | To. | LO |
| OMS802 | Entrepreneurship (MOOC)/Online Course-I * | 2 | - | 2 | 30 | 70 | 100 | - | - | - | 100 | 30 | - | 30 | |
| | MOOC/Online Course-II* | 2 | - | 2 | 30 | 70 | 100 | - | - | - | 100 | 30 | - | 30 | |
| OJT801 | NSQF- On the Job Training | - | 24 | 24 | - | - | - | 490 | 210 | 700 | 700 | - | 1080 | 1080 | |
| ETP801 | Project | - | 5 | 5 | - | - | - | 70 | 30 | 100 | 100 | - | 120 | 120 | |
| G | rand Total | 4 | 29 | 33 | 60 | 140 | 200 | 560 | 240 | 800 | 1000 | 60 | 1200 | 1260 | |

*MOOC/Online Courses will be floated as per the university guidelines

Course Title: Aircraft Inspection and Maintenance

Course code AE806

Course Credit: 04 (4-0-0) Max. Marks: 100 (30I+70E)

Objectives

The purpose of the course is to provide basic knowledge and exposure to the concepts of aircraft maintenance tasks necessary to ensure the airworthiness of an aircraft or its part, which includes overhaul, inspection, replacement, defect rectification, and the embodiment of modifications, compliance with airworthiness directives and repair. It aims to familiarize the participants with aircraft maintenance and inspection. To ensure that all participants have the technical skills needed to perform the job efficiently and smoothly.

Learning Outcomes

- Able to understand aircraft maintenance (Theory)
- Able to know aircraft inspections. (Theory)
- Able to learn the writing process (Theory)
- Able to explain technical creation of publication (Theory)
- Able to obey the safety rules related to ground operations (Theory)

| Unit | Торіс | Key Learning | Hours |
|--|--|---|-------|
| I - Aircraft Maintenance | Aircraft maintenance definition, types of maintenance, line maintenance, regulations, maintenance organizations, preventive maintenance, scheduled maintenance, unscheduled maintenance, Aircraft hangar maintenance | • Identify the maintenance activities | 15 |
| II - Aircraft Inspections | Aircraft inspection definition, types of inspections, occasions of inspections, Definition of checks, Check A, Check B, Check C, hazards, actual and potential hazards | • Differentiate between maintenance and inspection | 15 |
| III – Technical Writing | Technical writing definition, Difference between technical and academic writing, steps of technical writing, use of articles, parts of speech, characteristic of effective technical writing, know your audience, writers' traits, writing styles | • Learn the process of technical writing | 10 |
| IV – Overview of Technical Publications | | • Understand the creation of technical publications | 10 |
| V - Safety Operation, Regulations | Overview - code of federal regulations, Maintenance-related regulations, Airworthiness standards, safety ground operations, and servicing | • Explore the safety situation related to ground operations of the aircraft | 10 |

Books Recommended

Text Books

- 1. Aviation Maintenance handbook volume 1: FAA-H-8083-31
- 2. Aviation Maintenance handbook volume 2: FAA-H-8083-31
- 3. Aviation Maintenance Technician Handbook: FAA-H-8083-30
- 4. Microsoft manual for style guide: Microsoft

Reference Books

- 1. ATA Specification 2200 (iSpec 2200)
- 2. Aviation instructor's handbook
- 3. Reading of Technical English: Peter G Riddel

Course Title: Aircraft Basics and Systems

Course code : AE804

Course Credit: 03 (3-0-0) Max. Marks: 50 (15I+35E)

Objectives

The purpose of the course is to provide fundamental knowledge and exposure to the concepts, theories, and practices followed in the field of aviation. To ensure that all participants have the technical skills needed to perform the job efficiently and smoothly. It aims to understand the aviation industry and aircraft systems. **Learning Outcomes**

- Able to understand aviation as an industry (Theory)
- Able to know publication and standards. (Theory)
- Able to describe types of aircraft structures (Theory)
- Able to explain the importance of the flight control system (Theory)
- Able to evaluate aircraft mechanical systems (Theory)
- Able to learn aircraft electrical and avionics systems (Theory)

| Unit | Торіс | Key Learning | Hours |
|---|--|--|-------|
| I - Aircraft Orientation | Evolution of aircraft, aviation as an industry, globalization, future of aviation, opportunities in aviation, human factors | • Identify aviation as an industry for various opportunities. | 8 |
| II - Introduction to Aircraft Structures | Aircraft classification, lighter than air aircraft, heavier than air aircraft, fixed-wing aircraft, rotary-wing aircraft, aircraft structural components, monocoque design, semi- monocoque, structural components of wing and fuselage. | • Differentiate the aerospace and aircraft structures and components | 8 |
| III – Basic Aircraft Systems | Flight control system, mechanical flight control system, hydro-mechanical flight control system, fly by wire system, aircraft hydraulic system, aircraft fuel system, air- conditioning system. | • Understand basic aircraft mechanical systems' functions | 8 |
| IV – Advanced Aircraft System | Aircraft powerplants, Different types of engines like reciprocating engine, jet engine, turboprop, turbofan, turbojet, turboshaft, scramjet, ramjet, rocket engine, Engine control system, landing gear system, aircraft fire protection system, Equipment furnishing. | • Learn the advance functions of aircraft systems | 10 |
| V – Electrical and avionics systems | Introduction to basic electrical systems, Aircraft electrical systems, aircraft lighting systems, ice, and rain protection system. Introduction to avionics, communication, navigation, Display system, flight management system, GPS, Autopilot system, Weather radar system, Collision avoidance, Flight data recorder, Aircraft Instruments, Instrument landing system, aircraft oxygen system | • Able to explain aircraft electrical and avionics system | 11 |

Books Recommended

Text Books

- 1. Analysis and design of flight vehicle structures: Bruhn. E. F
- 2. Aircraft Structures for Engineering Students: Megson T. H. G.
- 3. Airframe Structural Design: Practical Design Information and Data on Aircraft Structures: Michael Chun-Yung Niu
- 4. Flight Without Formulae: A. C Kermode
- 5. Aircraft Systems: Ian Moir & Allan Seabridge
- 6. Aircraft Propulsion and Gas Turbine Engines: Ahmed F. El-Sayed
- 7. Avionics Training: Len Buckwalter

Reference Books

- 8. Aviation maintenance technician handbook
- 9. Aero engines.

Web Links

Course Title: Aircraft Basics and Systems Lab

Course code : AE804L

Course Credit: 01 (0-1-0) Max. Marks : 50 (35I+15E)

Objectives: Exposure to the aircraft components, system and maintenance.

Learning Outcomes:

- 1. Able to understand the terminology used in aircraft maintenance
- 2. Identify the different aircraft components
- 3. Learn about the different systems on aircraft
- 4. Appreciate the functions of the aircraft systems
- 5. Recognize the ground support equipment used in maintenance
- 6. Appreciate the procedures involved in aircraft maintenance
- 7. Learn the use of different manuals on the aircraft
- 8. To identify parts of aircraft piston engine
- 9. To understand and identify aircraft jet engine parts

List of Practical's

- 1. Identification of different aircraft mechanical components
- 2. Identification of different aircraft electrical and avionics components
- 3. Identification of different electrical harness
- 4. Identification of different flying controls
- 5. Identification of ground support equipment
- 6. Use of maintenance manual for maintenance activities
- 7. Observation of safety precautions during maintenance
- 8. Study of an aircraft piston engine. (includes study of assembly of sub systems, various components, their functions and operating principles)
- 9. Study of an aircraft jet engine (includes study of assembly of sub systems, various components, their functions and operating principles)

Course Title: Arbortext Epic Editor

Course code : AE807 AE807L Course Credit: 04 (1-3-0) Max. Marks(T) : 50(15I+35E) Max. Marks(P) : 50 (35I+15E)

Objectives

The purpose of the course is to provide basic knowledge and exposure to the concepts of Arbortext Editor for basic and advanced editing operations. It emphasizes hands-on experience and a foundation in the fundamental skills and commands of the structured authoring tool. It aims to familiarize the participants with Arbortext Editor to ensure that they have the technical skills needed to create the publication smoothly.

Learning Outcomes

- Able to use Arbortext editor
- Able to edit text
- Able to insert and edit mark-up
- Able to assign attributes
- Able to insert special mark-up
- Able to create tables
- Able to author and edit management tools
- Able to preview and print documents

| Unit | | Key Learning |
|---|---|--|
| I - Arbortext Editor Environment | Introduction to Arbortext editor environment, authorized tag analysis, Arbortext editor window components, tag introduction, adding and deleting tags and content, expanding and collapsing tag content, drag and drop, detailed analysis of tag | • Learn to follow the rules of the DTD and to insert and edit the mark-up, |
| II- Arbortext Editor Inserting | Creating a new task, inserting tags and content, adding structure to content. | • Recognize the menu to insert mark-up and using the quick tag to insert mark-up |
| III- Arbortext Editor Editing mark up | Modifying attributes, inserting links, and multiple task reference to one task, inserting graphics. | • Demonstrate the application toolbar to insert mark-up |
| IV- Authoring with Arbortext Editor | inserting symbols, adding a warning, caution, and note, various tags used in different page blocks, creating tables, modifying, attributes, checking complex error, saving your document as SGML, XML, and HTML, Publishing the output. | Learn to Arbortext editor and document structure |
| V- Epic Editor Practical | Removal of the LE Access Panels, Removal /Installation of the business class seat, Removal /Installation of Antenna, APU Bleed-Air Duct- Removal /Installation, Outflow Valve (OFV) from the Outside of the Aircraft- Removal /Installation | Creating various manuals |

Books Recommended

- 1. PTC Arbortext Epic Editor 7.2
- 2. Arbortext 101: Best Practices for Configuring, Authoring, Styling, and Publishing with Arbortext
- 3. Arbortext 102: Best Practices for Creating Arbortext Styler Stylesheets
- 4. Arbortext 103: Best Practices for Configuring, Managing, and Publishing Arbortext Content with the PTC Server

Reference Books

1. Arbortext Books

- 1. Adapters @ Twitter
- 2. Adapters Archive @ PTC Communities
- 3. Arbortext Training @ Vimeo

Course Title: Arbortext IsoDraw

Course code :AE808 AE808L

Course Credit: 04 (1-3-0) Max. Marks(T) : 50(15I+35E) Max. Marks(P) : 50(35I+15E)

Objectives

The purpose of the course is to provide basic knowledge and exposure to the concepts of Arbortext IsoDraw to deliver 2D technical illustrations and intelligent graphics to optimize product and service information in the forms of assembly instructions, parts catalogs, operator and maintenance manuals, and other aviation documents. It enables participants to automate the process of creating and updating high-quality technical illustrations from scratch or original 2D and 3D CAD or models. It emphasizes hands-on experience and a foundation in the fundamental skills and commands of the Arbortext IsoDraw illustration tool. It aims to familiarize the participants with Arbortext IsoDraw to ensure that they have the technical skills needed to create illustrations for the publication smoothly.

Learning Outcomes

- Able to understand Arbortext IsoDraw basics and fundamental drawing skills
- Able to understand advanced drawing techniques
- Able to understand annotation, and callouts
- Able to customize the user environment.

| Unit | Торіс | | Key Learning |
|--|--|---|---|
| I- IsoDraw Basic Illustration Process | Arbortext IsoDraw user interface, main menus, palette toolbar, and floating palettes, the status bar and the workspace configuring the status bar drawing basic shapes, drawing lines, drawing rectangles, drawing ellipses, drawing bezier paths, using delete functions. | • | Learn the IsoDraw basic illustration process |
| II- Fundamental Drawing Skills | Applying transformations and manipulations, using the double arrow, deleting hidden lines, applying thick and thin pens, moving elements, creating concentric ellipses, manually modifying ellipse values, grouping elements, scaling elements, drawing polygons, drawing a hexagon head, converting ellipses to inner and outer threads. | • | Understand the applying transformations and manipulations, using the double arrow, deleting hidden lines |
| III- Composition and Layout | Fitting elements, aligning elements, distributing elements, tangent to a pointed tool, tangent to an ellipse tool | • | Learn the fitting elements, aligning elements, distributing elements |
| IV- Advanced Drawing Techniques | Advanced drawing techniques, practices for creating a compound path, configuring a complex compound path, joining polylines, applying advanced selection techniques, extruding a profile to match a custom grid | • | Explore the advanced drawing techniques match a custom grid |
| V- Annotation and Callouts | Applying callouts manually, using the callout tool, renumbering callouts, connected callouts, modifying callout style, selecting elements based on criteria, generating callouts for groups and objects, options for generating callouts, applying dimensions to an illustration | • | Explore the applying callouts manually, using the callout tool |

Books Recommended

1. PTC Arbortext IsoDraw 7.2

Reference Books

2. Arbortext Books

Web Links

3. Arbortext IsoDraw eLearning Library

Course Title: Engineering Graphics

Course code ME803

Course Credit: 03 (3-0-0) Max. Marks : 50 (15I+35E)

Objectives

The purpose of the course is to provide fundamental knowledge and exposure to the concepts of and use of drawing instruments, Introduction of theory of projection. Familiarize the students with different type of projections.

Learning Outcomes

The students should be able to:

- Develop Parametric design and the conventions of formal engineering drawing (Theory).
- Convert and interpret 2D to 3D drawings (Theory).
- Communicate a design idea/concept graphically (Theory).

| Unit | Торіс | Key Learning | Hours |
|--|--|--|-------|
| I- Basics of engineering graphics | Importance of graphics Use of drawing instruments - BIS conventions and specifications - drawing sheet sizes, layout and folding - lettering - Dimensioning - Geometrical constructions - Scales. Construction of curves like ellipse, parabola, cycloids and involutes | • Understand the Basics of engineering graphics | 8 |
| II- Projection of points, lines and surfaces | General principles of presentation of technical drawings as per BIS - Introduction to Orthographic projection - Naming views as per BIS - First angle projection. Projection of points. Projection of straight lines located in first quadrant (using rotating line method only). Projection of plane surfaces like polygonal lamina and circular lamina. Drawing views when the surface of the lamina is inclined to one reference plane. | Have a good knowledge of Basics of engineering graphics | 8 |
| III- Orthographic projections | Orthographic projections - Conversion of orthographic views from given pictorial views of objects, including dimensioning. Free hand sketching of Orthographic views from Pictorial views. | Understand Conversion of Produce and interpret 2D & 3D drawings. | 8 |
| IV- Isometric projections | Isometric projection - Isometric scale - Isometric views of simple solids like prisms, pyramids, cylinders and cones. Introduction to perspective Projections. | Understand Conversion of Produce and interpret 3D & 2D drawings | 11 |
| V- GD&T | Maximum Material Condition, Least Material Condition Datum control, Form tolerance, orientation tolerance, profile tolerance, location tolerance, runout tolerances, Surface roughness tolerance. | • Able to understand importance of MMC, LMC and various tolerance parameters. | 10 |

Books Recommended

Text Books

- 1. Mechanical Measurements Beckwith Marangoni and Lienhard, John H. Lienhard V 6th Ed., 2006.
- 2. Engineering Metrology R.K. Jain Khanna Publishers 1994

- 3. Robert L. Norton "Machine Design- an integrated approach", Pearson Education, 2nd edition.
- 4. Spotts M.F., Shoup T.E "Design and Machine Elements", Pearson Education, 8th edition, 2006

Reference Books

- 1. Engineering Metrology I.C.Gupta Dhanpat Rai Publications 2013
- 2. Industrial Instrumentation Alsutko, Jerry. D.Faulk Thompson Asia Pvt. Ltd 2002
- 3. Bhatt N.D and Panchal V.M, "Engineering Drawing: Plane and Solid Geometry", Charotar Publishing House, Anand-3001, 2007.
- 4. Thomas E. French, Charles J.Vierck and Robert J.Foster, "Engineering Drawing and Graphic Technology", McGraw- Hill Book company 13th Edition.1987.
- 5. Venugopal K., "Engineering Graphics", New Age International (P) Limited, New Delhi, 2008.

Web Links

Course Title: Engineering Graphics Lab

Course code ME803L

Course Credit: 01 (0-1-0) Max. Marks : 50 (35I+15E)

Objectives: Exposure to develop graphic skills for communication of concepts, ideas and design of Engineering products.

Learning Outcomes:

- 1. To expose them to existing national standards related to technical drawings
- 2. Able to understand the terminology used in engineering drawings
- 3. Identify the different tools used in engineering drawings
- 4. Practically follow the procedure of converting 3d to 2d
- 5. Practically follow the procedure of converting 2d to 3d

List of Practical's

- 1. Identification of different tools used in engineering drawings
- 2. Use of terminology used in technical drawings
- 3. Observation of national standards related to technical drawings
- 4. Development of solids surfaces to projections
- 5. Exercise of level-I conversion from Isometric projections to orthographic projections
- 6. Exercise of level-II conversion from Isometric projections to orthographic projections
- 7. Exercise of level-III conversion from Isometric projections to orthographic projections
- 8. Exercise of level-I conversion from orthographic projections to Isometric projections
- 9. Exercise of level-II conversion from orthographic projections to Isometric projections
- 10. Exercise of level-III conversion from orthographic projections to Isometric projections

Course Title: Technical Publications Manual

Course code AE809

Course Credit: 04 (4-0-0) Max. Marks: 100 (30I+70E)

Objectives

The purpose of the course is to provide basic knowledge and exposure to the concepts of Technical Publications in the aerospace industry that deals with aircraft a complicated machine, have several mechanisms with several parts. When all parts together assembled out of which only one part is identified, so while assembling, disassembling, maintaining these parts huge confusion will be there, here the technical publication guide to maintenance engineer, provides a systematic procedure to do activities and uses pictorial views(illustrations) to explain various configuration to reduce content size. It aims to familiarize the participants with the Technical Publication to ensure that they have the technical skills needed to perform the job efficiently and smoothly.

Learning Outcomes

- Able to know different aircraft maintenance manuals (Theory)
- Able to understand aircraft illustrated parts Catalog (Theory)
- Able to learn the component maintenance manual (Theory)
- Able to explain structural repair manual (Theory)
- Able to recognize wiring manual and service bulletins (Theory)

| Unit | Торіс | Key Learning | Hours |
|------------------|---|---|-------|
| I- | | • Learn the maintenance aircraft | 10 |
| Aircraft | purpose, use, page blocks numbering, front | maintenance manuals | |
| Maintenance | matter, table of content, Part I of AMM - | | |
| Manual | Systems Description Section, Part II of AMM- | | |
| | maintenance practices, maintenance practices, | | |
| | servicing, removal/installation, adjustment | | |
| | /test, inspection/check, cleaning/painting, | | |
| II - | repairs, Component maintenance manual - definition, | | 15 |
| Component | purpose, use, page blocks numbering, | • Differentiate between component and maintenance manuals | 15 |
| Maintenance | Structure, front matter information, | and maintenance manuals | |
| Manual | description and operation, testing and fault | | |
| | isolation, schematics and wiring diagrams, | | |
| | disassembly, cleaning, check, repair, | | |
| | assembly, fits and clearances, special tools, | | |
| | fixtures, and equipment, illustrated parts list, | | |
| | special procedures, removal, installation, | | |
| | servicing, storage (including transportation), | | |
| | rework (service bulletin accomplishment), | | |
| | Maintenance Task-Oriented Support System | | |
| | (MTOSS) | | |
| III – | | • Learn the structural repair manual | 10 |
| Structural | use, page blocks numbering, structure, | | |
| Repair | standard practices and structures, structural | | |
| Manual | identification, allowable damage, repairs | | 4.0 |
| IV – Aircraft | 1 0 | • Understand the use of aircraft | 10 |
| Allerant | purpose, uses, illustrations, catalog table of contents, chapter table of contents, numerical | illustrated parts catalog | |
| Parts | index, specification cross-reference | | |
| Catalogue | nder, specification cross-reference | | |
| V - | Definition of wiring manual, wiring diagram | • Explore the different wiring | 15 |
| Wiring | manual, schematic manual, wiring list, service | diagram and service bulletins | 10 |
| Diagram | bulletin, types, purpose, service letter | angruin and service burietills | |
| Manual / | | | |
| Service | | | |
| Bulletins | | | |

Books Recommended

Text Books

- 1. Aviation Maintenance Technician Handbook: FAA-H-8083-30
- 2. ATA Specification 2200 (iSpec 2200)
- 3. Aviation instructor's handbook

Reference Books

- 1. Aircraft Maintenance Manuals
- Components Maintenance Manuals
 Aircraft Illustrated Parts Catalog

Course Title: Technical Publications Standards

Course code AE810

Course Credit: 03 (3-0-0) Max. Marks : 100 (30I+70E)

Objectives

The purpose of the course is to provide basic knowledge and exposure to the concepts of Aerospace Technical Publication writing that includes creation, update, and publication of different types of user manuals that are used at the time of maintenance of an aircraft. It aims to familiarize the participants with the different types of publication standards used in the creation of technical publications. To ensure that they have the technical skills needed to create the technical publication efficiently and smoothly.

Learning Outcomes

- Able to understand publication standards (Theory)
- Able to know the scope of ATA (Theory)
- Able to learn the ATAiSpec2200 process (Theory)
- Able to explain S1000D documentation (Theory)
- Able to use the simplified technical dictionary (Theory)

| Unit | Торіс | Key Learning | Hours |
|-------------|--|-------------------------------------|-------|
| Ι- | Definition of standards, the purpose of the | • Recognize the different writing | 8 |
| Technical | standard, types of standards, industry direction | standards | |
| Publication | for standards, civil and military standards, an | | |
| Standards | industry organization | | |
| II - | ATA definition, the scope of the air | • Know the scope of ATA standard | 8 |
| Scope of | transportation industry, aircraft maintenance | • Exploring the new trends in | |
| ATA and | requirements, functional areas of standards, | publication | |
| Emerging | Interactive Electronics Technical Manual | - | |
| Trends | (IETM), Augmented Reality (AR) and Virtual | | |
| | Reality (VR). | | |
| III – | | • Learn the ATAiSpec standard for | 8 |
| ATA | different types of manuals, page blocks, | technical writing | |
| iSpec 2200 | aircraft maintenance task-oriented support | | |
| | system, manual front matter data, table of | | |
| | contents, illustrations, cross-references links, | | |
| | revisions | | |
| IV – | Introduction to the specification, purpose, | • Understand the use of S1000D in | 11 |
| S1000D | scope, how to use the specification, tailor for | the creation of technical | |
| | a specific project, documentation process, | publications | |
| | information generation, authoring, writing and | | |
| | illustration rules, warnings, cautions and | | |
| | notes, information management, standard | | |
| | numbering system, generation of publications | | |
| V - | STE definition, history, purpose, generation of | • Explore the use of STE dictionary | 10 |
| Simplified | publications, writing rules, words, noun | | |
| Technical | cluster, verb, sentences, procedural writing, | | |
| English | descriptive writing, safety instructions, | | |
| | punctuation and word counts, writing | | |
| | practices, the process of using a dictionary | | |
| | | | |

Books Recommended

Text Books

1. Aviation Maintenance Manuals

- 2. ASD-STE100
- 3. S100D Guide Book

Reference Books

1. ATA Specification 2200 (iSpec 2200)