

## DESIGN AND CONSTRUCT ACCESSORIES

**UNIT CODE:** FAS/OS/FD/CR/04/5/A

### UNIT DESCRIPTION

This unit covers the competencies required to design and construct accessories. It involves planning for design and construction of accessories, sketching, illustrating and designing selected accessories, constructing and cutting accessory patterns. It also entails laying and cutting accessory pieces and constructing, finishing, displaying the accessory and developing an accessory portfolio. This standard applies in Fashion industry.

### ELEMENTS AND PERFORMANCE CRITERIA

<b>ELEMENT</b> These describe the <b>key outcomes</b> which make up <b>workplace function</b>	<b>PERFORMANCE CRITERIA</b> These are <b>assessable</b> statements which specify the required level of performance for each of the elements. <i><b>Bold and italicized terms are elaborated in the Range (Passive voice)</b></i>
1. Plan for design and construction of accessories	1 .1Production standards are identified and adhered to based on organization objectives. 1 .2 <i><b>Production tools and equipment</b></i> are identified based on fabric and accessory design. 1 .3Tools and equipment are checked for serviceability and sufficiency as based on workplace policy and production requirements. 1 .4 <i><b>Production materials and supplies</b></i> are obtained and allocated based on production and market targets and clients' specifications. 1 .5 <i><b>Production tasks</b></i> are identified based on workplace instructions. 1 .6Production targets are set based on customers' requirements/orders. 1 .7Production schedules are observed based on production targets. 1 .8Occupational safety and health are observed as per <i><b>legal requirements</b></i> . 1 .9Production standard operating procedures are observed as per workplace policy.
2. Design, sketch and illustrate selected accessory	2 .1 <i><b>PPEs</b></i> are identified and used as per legal requirements.

	<p>2 .2 <b>Designing, sketching and illustration tools and equipment</b> are identified and gathered based on standard operating procedures.</p> <p>2 .3 <b>Designing, sketching and illustration products and supplies</b> are identified and obtained based on job requirements.</p> <p>2 .4 Client consultation is done as per workplace policy.</p> <p>2 .5 Clients specifications are recorded as per workplace policy.</p> <p>2 .6 Design is sketched based on clients' specifications/market preference.</p> <p>2 .7 Design is illustrated based on the sketch.</p>
<p>3. Construct selected accessory patterns</p>	<p>3.1 <b>Pattern construction tools and equipment</b> are identified and gathered based on standard operating procedures.</p> <p>3.2 <b>Pattern construction products and supplies</b> are identified and obtained based on job requirements.</p> <p>3.3 <b>Accessory pattern pieces</b> are developed based on accessory illustration.</p> <p>3.4 Pattern pieces are cut as per standard operating procedures.</p>
<p>4. Lay the accessory patterns on fabric and cut</p>	<p>4.1 <b>Laying and cutting tools and equipment</b> are identified and gathered based on standard operating procedures.</p> <p>4.2 <b>Laying and cutting products and supplies</b> are identified and obtained based on job requirements.</p> <p>4.3 Pattern pieces are laid on fabric based on fabric and accessory design.</p> <p>4.4 Accessory pieces are cut in accordance with pattern pieces layout.</p> <p>4.5 <b>Pattern markings</b> are transferred to the accessory pieces as per standard operating procedures.</p>
<p>5. Construct and finish the accessory</p>	<p>5.1 <b>Accessory construction tools and equipment</b> are identified and gathered based on standard operating procedures.</p> <p>5.2 <b>Accessory construction products and supplies</b> are identified and obtained based on job requirements.</p> <p>5.3 Accessory pieces are stitched as per illustrated accessory design and standard operating procedures.</p> <p>5.4 <b>Accessory finishing</b> is done based on illustrated accessory design and workplace policy.</p>

<p>6. Accessorize and package the accessory</p>	<p>6.1 <b>Tools and equipment for accessorizing</b> the accessory are identified and gathered based on illustrated design.</p> <p>6.2 <b>Products and supplies for accessorizing</b> the accessory are identified and obtained based on illustrated accessory design.</p> <p>6.3 <b>Method of accessorizing</b> the accessory is selected based on illustrated accessory design.</p> <p>6.4 The accessory is accessorized based on illustrated design as per standard operating procedures.</p> <p>6.5 6.5 The accessory is packaged as per workplace policy.</p>
<p>7. Display the accessory</p>	<p>7.1 <b>Tools and equipment for accessory display</b> are identified and gathered based on workplace policy.</p> <p>7.2 <b>Products and supplies for accessory display</b> are identified, selected and obtained based on workplace policy.</p> <p>7.3 <b>Accessory display area</b> is identified and prepared as per workplace policy.</p> <p>7.4 The accessory is displayed as per workplace policy.</p>
<p>8. Develop an accessory portfolio</p>	<p>8.1 <b>Tools and equipment</b> for portfolio development are identified and gathered as per workplace policy.</p> <p>8.2 <b>Products and supplies</b> for portfolio development are identified, selected and obtained based on workplace policy.</p> <p>8.3 Accessory portfolio is developed as per standard operating procedure.</p>

**RANGE**

This section provides work environments and conditions to which the performance criteria apply. It allows for different work environments and situations that will affect performance.

Variables	Range
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<p>1. Accessory tools and equipment may include but not limited to:</p>	<ul style="list-style-type: none"> <li>• 30 cm ruler</li> <li>• A metre ruler</li> <li>• Accessory stands</li> <li>• Assorted hand needles</li> <li>• Assorted Irons</li> <li>• Assorted machine needles</li> <li>• Assorted machines</li> <li>• Assorted scissors</li> <li>• Assorted sewing machines</li> <li>• Cutting machines</li> <li>• Cutting shears</li> <li>• Camera</li> <li>• USB drive</li> <li>• Compact discs</li> <li>• Cutting table</li> <li>• Display boards</li> <li>• Dressmakers pins</li> <li>• Embroidery hoops</li> <li>• French curve</li> <li>• Hip curves</li> <li>• Ironing boards</li> <li>• Mallet</li> <li>• Assorted Mannequin</li> <li>• Measuring scale</li> <li>• Mirror</li> <li>• Anvil</li> <li>• Awl</li> <li>• Edge trimmer</li> <li>• Edge creaser</li> <li>• Eyelet spreader</li> <li>• Assorted weights</li> </ul>	<ul style="list-style-type: none"> <li>• Nozzles</li> <li>• Paper scissors</li> <li>• Pin cushion</li> <li>• Pliers</li> <li>• Tweezer</li> <li>• Press magic</li> <li>• Punch</li> <li>• Safety pins</li> <li>• Seam ripper</li> <li>• Seam turners</li> <li>• Set squares</li> <li>• Shelves</li> <li>• Sleeve board</li> <li>• Tape measure</li> <li>• Thimble</li> <li>• Thread trimmer</li> <li>• Tracing wheel</li> <li>• T-squares</li> <li>• Tweezer</li> <li>• Weights</li> <li>• Working surface</li> <li>• Hammer</li> <li>• Pliers</li> <li>• Nozzles</li> <li>• Crocheting needles</li> <li>• Knitting needles</li> <li>• Knife</li> <li>• Modeler</li> <li>• Snap setting outfit</li> <li>• Spacing wheel</li> <li>• Stamping tool</li> </ul>
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<p>2. Accessorizing materials and supplies may include but not limited to:</p>	<ul style="list-style-type: none"> <li>• Assorted buttons</li> <li>• Assorted embroidery threads</li> <li>• Assorted fabrics</li> <li>• Assorted foam/waddings</li> <li>• Assorted glue</li> <li>• Assorted interfacing</li> <li>• Assorted iron-on</li> <li>• Assorted knitting threads</li> <li>• Assorted laces</li> <li>• Assorted lining</li> <li>• Assorted needles</li> <li>• Assorted packing cases</li> <li>• Assorted pins</li> <li>• Assorted PPE items</li> <li>• Assorted ribbons</li> <li>• Assorted sewing threads</li> <li>• Assorted stiffeners</li> <li>• Assorted stitching threads</li> <li>• pastels</li> <li>• Beltings</li> <li>• Brown paper</li> <li>• Bulbs</li> <li>• Charcoal</li> <li>• Colored pencils</li> <li>• Computer</li> <li>• Crayons</li> <li>• Dressmakers tracing paper</li> <li>• Dressmakers' pins</li> <li>• Elastic</li> <li>• Erasers</li> <li>• Eyelets/rivets</li> </ul>	<ul style="list-style-type: none"> <li>• Fabric glue</li> <li>• Fibre pens</li> <li>• Hangers</li> <li>• Hard pencils <ul style="list-style-type: none"> <li>○ 2B</li> <li>○ 2H</li> <li>○ 4B</li> <li>○ 4H</li> <li>○ 6H</li> <li>○ H</li> <li>○ HB</li> </ul> </li> <li>• Hooks and eyes</li> <li>• Piping cord</li> <li>• Plain papers</li> <li>• Press buttons</li> <li>• Press studs</li> <li>• Salt</li> <li>• Sand</li> <li>• Sequins</li> <li>• Sharpeners</li> <li>• Sketching pads</li> <li>• Sponge</li> <li>• Stiffeners</li> <li>• Tailors chalk</li> <li>• Velcro</li> <li>• Water</li> <li>• Water colors</li> <li>• Working surfaces</li> <li>• Zips</li> <li>• Assorted belts and bows</li> <li>• Assorted headgear</li> <li>• Assorted beads</li> </ul>
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3. Production tasks may include but not limited to:	<ul style="list-style-type: none"> <li>• Designing</li> <li>• Sketching</li> <li>• Illustrating</li> <li>• Drafting</li> <li>• Laying</li> <li>• cutting</li> </ul>	<ul style="list-style-type: none"> <li>• stitching</li> <li>• bonding</li> <li>• finishing</li> <li>• packaging</li> <li>• displaying</li> </ul>
4. Legal requirements may include but not limited to:	<ul style="list-style-type: none"> <li>• Occupational safety and health Act</li> <li>• EMCA 2015</li> <li>• NEMA regulations</li> <li>• County by-laws</li> </ul>	<ul style="list-style-type: none"> <li>• KRA act</li> <li>• Labour laws</li> <li>• Employment act</li> <li>• WIBA</li> </ul>
5. <i>PPEs</i> may include but not limited to:	<ul style="list-style-type: none"> <li>• Apron</li> <li>• Dust coat</li> <li>• Face mask</li> </ul>	<ul style="list-style-type: none"> <li>• Thimble</li> <li>• Gloves</li> <li>• Low heeled closed shoes</li> </ul>
6. Accessory pattern pieces may include but not limited to:	<ul style="list-style-type: none"> <li>• Facings</li> <li>• Yoke</li> <li>• Panels</li> <li>• Gusset</li> <li>• Belt</li> <li>• Bow</li> <li>• Tie</li> </ul>	<ul style="list-style-type: none"> <li>• Frills</li> <li>• Pockets</li> <li>• Flaps</li> <li>• Straps</li> <li>• Bands</li> <li>• Cummer band</li> <li>• Scarf</li> </ul>
7. Pattern markings may include but not limited to:	<ul style="list-style-type: none"> <li>• Folds</li> <li>• Notches/balance marks</li> <li>• Straight grains</li> <li>• Pattern size</li> <li>• Style number</li> <li>• Number of pieces to be cut</li> </ul>	<ul style="list-style-type: none"> <li>• Center back and center front</li> <li>• Name of pattern</li> <li>• Seam allowances</li> <li>• Construction lines</li> <li>• Scale</li> </ul>
8. Accessory finishing methods may include but not limited to:	<ul style="list-style-type: none"> <li>• Hemming</li> <li>• Ironing</li> <li>• Shell edging</li> <li>• Overlocking</li> <li>• Eyeleting</li> <li>• Press studding</li> <li>• Knitting</li> <li>• Crocheting</li> <li>• macramé</li> </ul>	<ul style="list-style-type: none"> <li>• Edge stitching</li> <li>• Button holing</li> <li>• Button fixing</li> <li>• Trimming</li> <li>• Bonding</li> <li>• Knotting</li> <li>• Braiding</li> </ul>

9. Methods of accessorizing may include but not limited to:	<ul style="list-style-type: none"> <li>• Beadwork</li> <li>• Patchwork</li> <li>• Embroidery</li> <li>• Motifs</li> <li>• Knotting</li> </ul>	<ul style="list-style-type: none"> <li>• Tying</li> <li>• Stitching</li> <li>• Pinning</li> <li>• Braiding</li> <li>• Wrapping</li> <li>• Twisting/coiling</li> </ul>
10. Accessory display areas may include but not limited to:	<ul style="list-style-type: none"> <li>• Window</li> <li>• Shelves</li> <li>• Display boards</li> </ul>	<ul style="list-style-type: none"> <li>• Virtual display</li> <li>• Mirror</li> </ul>

## REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit of competency.

### Generic skills:

- Communication
- People skills
- Time management
- Record keeping
- Telephones handling
- Conflict resolution
- Negotiation
- Analytical
- Problem solving
- Critical thinking
- Summarizing
- Listening
- Observation
- Organizing
- Technology

### Technical skills:

- Designing
- Sketching
- Illustrating
- Drafting
- Laying
- Cutting

- Constructing
- Finishing
- Accessorising
- Displaying
- photography

### Required Knowledge

The individual needs to demonstrate knowledge of:

- History of accessory design
- Fibres and fabrics
- Principles of accessory design and construction
- Practices in accessory design and construction
- Principles of pattern construction
- Accessory finishing
- Fashion marketing
- Creativity and innovation in accessory design
- Sewing machine operation
- Accessory design tools and equipment
- Accessory design products and supplies
- Ethical issues in accessory design
- Occupational safety and health
- Waste management

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### EVIDENCE GUIDE

This provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge and range.

<p>1. Critical aspects of competency</p>	<p><b>Assessment requires evidence that the candidate:</b></p> <p>1 .1Identified and obtained production tools and equipment appropriately.</p> <p>1 .2Checked for serviceability and sufficiency of production tools and equipment.</p> <p>1 .3Identified, obtained and allocated production materials and supplies appropriately.</p> <p>1 .4Identified production tasks appropriately.</p> <p>1 .5Observed occupational safety and health requirements appropriately.</p> <p>1 .6Observed production standard operating procedures appropriately.</p> <p>1 .7Identified PPEs and used them appropriately.</p>
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	<p>1 .8Consulted client and recorded specification accurately.</p> <p>1 .9Designed, sketched and illustrated the accessory design appropriately.</p> <p>1 .10 Constructed the accessory pieces appropriately.</p> <p>1 .11 Finished accessory pieces accurately and appropriately.</p> <p>1 .12 Packaged and displayed the accessory pieces appropriately.</p>
2. Resource implications	<p>The following resources <b>must</b> be provided: A functional fashion design studio or workshop.</p>
3. Methods of assessment	<p>Competency may be assessed through:</p> <ul style="list-style-type: none"> <li>• Written test</li> <li>• Observation</li> <li>• Oral questioning</li> <li>• Interviewing</li> <li>• Projects</li> <li>• Portfolio</li> <li>• Third party report</li> </ul>
4. Context of assessment	<p>Assessment may be done:</p> <ul style="list-style-type: none"> <li>• On-the-job</li> <li>• Off-the-job</li> <li>• During industrial attachment</li> </ul>
5. Guidance information for assessment	<p>Holistic assessment with related units of competency in the sector is recommended.</p>