



UNIVERSITI TEKNOLOGI MARA

FES601: APPAREL PRODUCTION MANAGEMENT

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| Course Name (English) | APPAREL PRODUCTION MANAGEMENT APPROVED |
| Course Code | FES601 |
| MQF Credit | 2 |
| Course Description | The course provides students with an understanding of garment industries by introducing them to manufacturing divisions, management and administrations. The students will learn manufacturing flows and processes in globalize mass production in apparel industry. The course also exposes students to prospective career opportunities in the industry. It encourages effective communication techniques and knowledge of advanced software used in the industries to enter the job market. |
| Transferable Skills | blended learning discussion and presentation |
| Teaching Methodologies | Lectures, Blended Learning, Tutorial |
| CLO | <p>CLO1 Apply the knowledge of globalize mass-production processes in apparel industry either in a small, or large scales through projects.</p> <p>CLO2 Demonstrate knowledge and skills within the related circumstances in the mass-production processes.</p> <p>CLO3 Communicate effectively and technically prior to venture apparel industry market.</p> |
| Pre-Requisite Courses | No course recommendations |
| Topics | |
| <p>1. Introduction to Apparel Production Management</p> <p>1.1) Introduction to basic apparel manufacturing. 1.2) The size and category of industry (brief). 1.3) Production Processes (brief). 1.4) Management Divisions (brief).</p> | |
| <p>2. The Apparel Industry</p> <p>2.1) Definitions 2.2) Nature of the industry. 2.3) Size & Category 2.4) Organization chart: small, medium and mass industries. 2.5) Nature of work and specifications.</p> | |
| <p>3. Production Processes, Flows & Time Line</p> <p>3.1) Design Analysis & Styles Set-Up 3.2) Fabric Projection & Development 3.3) Fabric Layout 3.4) Production Processes 3.5) Systems involved in mass produce apparels</p> | |
| <p>4. Planning & Organization:</p> <p>4.1) Machine/ Operators Function 4.2) Planning & Plant Layout 4.3) Machines & Equipments 4.4) Organizing & Process Layout.</p> | |
| <p>5. Standard Body Measurement, Scale Pattern & Grading</p> <p>5.1) Introduction to Standard Body Measurement. 5.2) Standard Sizing 5.3) 1/4 and 1/5 scale patterns. 5.4) Introduction to grading systems: manual and computer</p> | |

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| 6. Method Time Measurement (MTM): 6.1) Introduction to Method Time Measurement. 6.2) Method and Time Study & Quality Assurance. 6.3) Quality compliances and standard in manufacturing. |
| 7. Costing: 7.1) Definition 7.2) Standard logical format and calculations. 7.3) Materials, labour charges, overhead and other variables. 7.4) Costing Sheet. 7.5) Costing for mass produce apparels & made to measure garment. |
| 8. Field Trip 8.1) n/a |
| 9. Product Retail & Promotions 9.1) Organization 9.2) Brand Name 9.3) Window Display |
| 10. Consumer Markets 10.1) Consumer Analysis 10.2) Market Segmentation 10.3) Market Research Tools |
| 11. Trend Forecasting 11.1) Long Term Forecasting 11.2) Short Term Forecasting |
| 12. Career In Fashion Industry 12.1) N/A |
| 13. Fashion Future 13.1) Technology Base Production 13.2) Eco Fashion 13.3) Waste to Wealth |
| 14. Final Presentation 14.1) N/A |

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| Assessment Breakdown | | % | | |
| Continuous Assessment | | 100.00% | | |
| Details of Continuous Assessment | Assessment Type | Assessment Description | % of Total Mark | CLO |
| | Assignment | Research | 20% | CLO1 |
| | Assignment | Project based | 20% | CLO2 |
| | Assignment | Research | 30% | CLO1 |
| | Presentation | Final Assessment | 30% | CLO3 |
| Reading List | Recommended Text | Sandra Burke 2011, <i>Fashion Designer</i> , Burke Publishing | | |
| Article/Paper List | This Course does not have any article/paper resources | | | |
| Other References | <ul style="list-style-type: none"> • Book Sandra Burke 2011, <i>Fashion Designer</i>, Burke Publishing • Book Gioello, Debbie Ann & Berke, Beverly 1979, <i>Fashion Production Terms</i> • Book Brown, Patty & Rice, Janett 2001, <i>Ready-To-Wear Apparel Analysis</i>, Prentice Hall, London • Book Vogt, Peter 2002, <i>Career Opportunities in the Fashion Industry</i>, Checkmark Books, • Book Harriet Posner 2011, <i>Marketing Fashion</i>, Laurence King • Book Winks, John M 1997, <i>Clothing Sizes, International Standardization</i>, The Textile Institute, • Book Joseph-Armstrong, Helen 2000, <i>Pattern Making for Fashion Design</i>, Pearson Prentice Hall, London • Book Seivewright, Simon 2007, <i>Research and Design</i>, AVA Academia | | | |