

Subsidised Training List 8.1

VET for School Students List

The VET for School Students (VSS) List outlines the courses subsidised by the South Australian Government to South Australian school students.

The VSS list is presented in **two** sections:

VSS General: Identifies the courses subsidised under outside of training contract arrangements. Courses are available on demand, subject to the purchase requirement and budget availability.

VSS Training Contract: Identifies the courses subsidised under training contracts. Courses are available on demand, subject to the purchase requirement and budget availability

VSS General

| Course ID | Course Title |
|-----------|---|
| 22569VIC | Certificate II in Plumbing (Pre-apprenticeship) |
| ACM20121 | Certificate II in Animal Care |
| AHC20116 | Certificate II in Agriculture |
| AHC20416 | Certificate II in Horticulture |
| AHC30116 | Certificate III in Agriculture |
| AHC32816 | Certificate III in Rural Operations |
| AMP20117 | Certificate II in Meat Processing (Food Services) |
| AUR20520 | Certificate II in Automotive Servicing Technology |
| AUR20720 | Certificate II in Automotive Vocational Preparation |
| CHC22015 | Certificate II in Community Services |
| CHC30113 | Certificate III in Early Childhood Education and Care |
| CHC30121 | Certificate III in Early Childhood Education and Care |
| CHC33015 | Certificate III in Individual Support |
| CHC33021 | Certificate III in Individual Support |
| CPC20220 | Certificate II in Construction Pathways |
| CUA31020 | Certificate III in Screen and Media |
| FBP20117 | Certificate II in Food Processing |
| FBP20121 | Certificate II in Food Processing |
| HLT33015 | Certificate III in Allied Health Assistance |
| HLT33021 | Certificate III in Allied Health Assistance |
| HLT33115 | Certificate III in Health Services Assistance |
| ICT30120 | Certificate III in Information Technology |
| MAR20318 | Certificate II in Maritime Operations (Coxswain Grade 1 Near Coastal) |
| MAR20321 | Certificate II in Maritime Operations (Coxswain Grade 1 Near Coastal) |



| Course ID | Course Title |
|-----------|---|
| MEM20413 | Certificate II in Engineering Pathways |
| RII20120 | Certificate II in Resources and Infrastructure Work Preparation |
| RGR20221 | Certificate II in Racing Industry |
| SFI20119 | Certificate II in Aquaculture |
| SHB20121 | Certificate II in Retail Cosmetics |
| SHB20216 | Certificate II in Salon Assistant |
| SIT20316 | Certificate II in Hospitality |
| SIT20322 | Certificate II in Hospitality |
| SIT20416 | Certificate II in Kitchen Operations |
| SIT20421 | Certificate II in Cookery |
| UEE22011 | Certificate II in Electrotechnology (Career Start) |
| UEE22020 | Certificate II in Electrotechnology (Career Start) |

VSS Training Contract

| Course ID | Course Title |
|-----------|--|
| ACM20117 | Certificate II in Animal Studies |
| ACM20121 | Certificate II in Animal Care |
| ACM30121 | Certificate III in Animal Care Services |
| ACM30122 | Certificate III in Animal Care Services |
| ACM30219 | Certificate III in Animal Technology |
| ACM30321 | Certificate III in Wildlife and Exhibited Animal Care |
| ACM30417 | Certificate III in Companion Animal Services |
| AHC20116 | Certificate II in Agriculture |
| AHC20320 | Certificate II in Production Horticulture |
| AHC20416 | Certificate II in Horticulture |
| AHC20520 | Certificate II in Arboriculture |
| AHC20616 | Certificate II in Parks and Gardens |
| AHC20621 | Certificate II in Parks and Gardens |
| AHC20720 | Certificate II in Nursery Operations |
| AHC20919 | Certificate II in Sports Turf Management |
| AHC21020 | Certificate II in Conservation and Ecosystem Management |
| AHC21216 | Certificate II in Rural Operations |
| AHC21316 | Certificate II in Shearing |
| AHC21416 | Certificate II in Wool Handling |
| AHC21616 | Certificate II in Landscaping |
| AHC21621 | Certificate II in Landscaping |
| AHC30116 | Certificate III in Agriculture |
| AHC30216 | Certificate III in Agriculture (Dairy Production) |
| AHC30221 | Certificate III in Dairy Production |
| AHC30318 | Certificate III in Rural and Environmental Pest Management |
| AHC30416 | Certificate III in Pork Production |
| AHC30516 | Certificate III in Poultry Production |
| AHC30620 | Certificate III in Production Horticulture |



| Course ID | Course Title |
|-----------|---|
| AHC30716 | Certificate III in Horticulture |
| AHC30820 | Certificate III in Arboriculture |
| AHC30916 | Certificate III in Landscape Construction |
| AHC30921 | Certificate III in Landscape Construction |
| AHC31016 | Certificate III in Parks and Gardens |
| AHC31021 | Certificate III in Parks and Gardens |
| AHC31120 | Certificate III in Nursery Operations |
| AHC31319 | Certificate III in Sports Turf Management |
| AHC31420 | Certificate III in Conservation and Ecosystem Management |
| AHC31421 | Certificate III in Conservation and Ecosystem Management |
| AHC31516 | Certificate III in Indigenous Land Management |
| AHC31818 | Certificate III in Beekeeping |
| AHC32419 | Certificate III in Irrigation Technology |
| AHC32422 | Certificate III in Irrigation Technology |
| AHC32816 | Certificate III in Rural Operations |
| AHC33016 | Certificate III in Wool Clip Preparation |
| AHC33116 | Certificate III in Advanced Wool Handling |
| AHC33316 | Certificate III in Feedlot Operations |
| AMP20316 | Certificate II in Meat Processing (Abattoirs) |
| AMP30216 | Certificate III in Meat Processing (Food Services) |
| AMP30421 | Certificate III in Meat Processing (Rendering) |
| AMP30516 | Certificate III in Meat Processing (Slaughtering) |
| AMP30616 | Certificate III in Meat Processing (General) |
| AMP30815 | Certificate III in Meat Processing (Retail Butcher) |
| AMP31016 | Certificate III in Meat Processing (Smallgoods - Manufacture) |
| AUM20118 | Certificate II in Automotive Manufacturing Production - Passenger Motor Vehicle |
| AUM20218 | Certificate II in Automotive Manufacturing Production - Bus, Truck and Trailer |
| AUM30218 | Certificate III in Automotive Manufacturing Technical Operations - Bus, Truck and Trailer |
| AUR20220 | Certificate II in Automotive Air Conditioning Technology |
| AUR20320 | Certificate II in Bicycle Mechanical Technology |
| AUR20420 | Certificate II in Automotive Electrical Technology |
| AUR20520 | Certificate II in Automotive Servicing Technology |
| AUR21120 | Certificate II in Automotive Sales |
| AUR21220 | Certificate II in Automotive Underbody Technology |
| AUR21520 | Certificate II in Automotive Cylinder Head Reconditioning |
| AUR21820 | Certificate II in Automotive Steering and Suspension System Technology |
| AUR21920 | Certificate II in Automotive Tyre Servicing Technology |
| AUR30116 | Certificate III in Automotive Administration |
| AUR30220 | Certificate III in Bicycle Workshop Operations |
| AUR30320 | Certificate III in Automotive Electrical Technology |
| AUR30420 | Certificate III in Agricultural Mechanical Technology |
| AUR30520 | Certificate III in Marine Mechanical Technology |
| AUR30620 | Certificate III in Light Vehicle Mechanical Technology |
| AUR30720 | Certificate III in Outdoor Power Equipment Technology |



| Course ID | Course Title |
|------------------|---|
| AUR30820 | Certificate III in Motorcycle Mechanical Technology |
| AUR31020 | Certificate III in Automotive Sales |
| AUR31120 | Certificate III in Heavy Commercial Vehicle Mechanical Technology |
| AUR31220 | Certificate III in Mobile Plant Technology |
| AUR31316 | Certificate III in Automotive Engine Reconditioning |
| AUR31420 | Certificate III in Automotive Diesel Fuel Technology |
| AUR31520 | Certificate III in Automotive Diesel Engine Technology |
| AUR31820 | Certificate III in Heavy Commercial Trailer Technology |
| AUR32120 | Certificate III in Automotive Body Repair Technology |
| AUR32220 | Certificate III in Automotive Glazing Technology |
| AUR32320 | Certificate III in Automotive and Marine Trimming Technology |
| AUR32420 | Certificate III in Automotive Refinishing Technology |
| AUR32518 | Certificate III in Automotive Underbody Technology |
| AVI30319 | Certificate III in Aviation (Ground Operations and Service) |
| BSB30120 | Certificate III in Business |
| BSB30320 | Certificate III in Legal Services |
| BSB30420 | Certificate III in Library and Information Services |
| CHC30113 | Certificate III in Early Childhood Education and Care |
| CHC30121 | Certificate III in Early Childhood Education and Care |
| CHC30213 | Certificate III in Education Support |
| CHC30221 | Certificate III in School Based Education Support |
| CHC32015 | Certificate III in Community Services |
| CHC33015 | Certificate III in Individual Support |
| CHC33021 | Certificate III in Individual Support |
| CPC30120 | Certificate III in Shopfitting |
| CPC30216 | Certificate III in Signs and Graphics |
| CPC30220 | Certificate III in Carpentry |
| CPC30320 | Certificate III in Concreting |
| CPC30420 | Certificate III in Demolition |
| CPC30620 | Certificate III in Painting and Decorating |
| CPC30720 | Certificate III in Rigging |
| CPC30820 | Certificate III in Roof Tiling |
| CPC30920 | Certificate III in Scaffolding |
| CPC31020 | Certificate III in Solid Plastering |
| CPC31120 | Certificate III in Steelfixing |
| CPC31220 | Certificate III in Wall and Ceiling Lining |
| CPC31320 | Certificate III in Wall and Floor Tiling |
| CPC31420 | Certificate III in Construction Waterproofing |
| CPC31920 | Certificate III in Joinery |
| CPC32320 | Certificate III in Stonemasonry |
| CPC32413 | Certificate III in Plumbing |
| CPC32420 | Certificate III in Plumbing |
| CPC32620 | Certificate III in Roof Plumbing |
| CPC32720 | Certificate III in Gas Fitting |
| CPC32820 | Certificate III in Fire Protection |



| Course ID | Course Title |
|------------------|---|
| CPC33020 | Certificate III in Bricklaying and Blocklaying |
| CPP20218 | Certificate II in Security Operations |
| CPP20521 | Certificate II in Fire Protection Inspection and Testing |
| CPP30119 | Certificate III in Urban Pest Management |
| CPP30221 | Certificate III in Surveying and Spatial Information Services |
| CPP30321 | Certificate III in Cleaning Operations |
| CPP30519 | Certificate III in Technical Security |
| CPP30619 | Certificate III in Investigative Services |
| CPP30719 | Certificate III in Waste Management |
| CPP30821 | Certificate III in Fire Protection Inspection and Testing |
| CPP31318 | Certificate III in Security Operations |
| CPP31519 | Certificate III in Real Estate Practice |
| CUA20220 | Certificate II in Creative Industries |
| CUA20520 | Certificate II in Information and Cultural Services |
| CUA30420 | Certificate III in Live Production and Technical Services |
| CUA30920 | Certificate III in Music |
| CUA31020 | Certificate III in Screen and Media |
| FBP30121 | Certificate III in Food Processing |
| FBP30321 | Certificate III in Cake and Pastry |
| FBP30417 | Certificate III in Bread Baking |
| FBP30421 | Certificate III in Bread Baking |
| FBP30521 | Certificate III in Baking |
| FBP31121 | Certificate III in High Volume Baking |
| FNS20120 | Certificate II in Financial Services |
| FNS30120 | Certificate III in Financial Services |
| FNS30122 | Certificate III in Financial Services |
| FNS30317 | Certificate III in Accounts Administration |
| FNS30322 | Certificate III in Accounts Administration |
| FNS30420 | Certificate III in Mercantile Agents |
| FWP20116 | Certificate II in Forest Growing and Management |
| FWP20121 | Certificate II in Forest Operations |
| FWP20216 | Certificate II in Harvesting and Haulage |
| FWP20316 | Certificate II in Sawmilling and Processing |
| FWP20516 | Certificate II in Timber Manufactured Products |
| FWP30116 | Certificate III in Forest Growing and Management |
| FWP30121 | Certificate III in Forest Operations |
| FWP30216 | Certificate III in Harvesting and Haulage |
| FWP30316 | Certificate III in Sawmilling and Processing |
| FWP30516 | Certificate III in Timber Manufactured Products |
| FWP30620 | Certificate III in Timber Building Products Supply |
| FWP30621 | Certificate III in Timber Building Products Supply |
| FWP30920 | Certificate III in Timber Frame or Truss Manufacture |
| FWP31019 | Certificate III in Saw Technology |
| FWP31021 | Certificate III in Saw Technology |
| FWP31119 | Certificate III in Wood Machining |

| Course ID | Course Title |
|------------------|--|
| FWP31121 | Certificate III in Wood Machining |
| HLT20113 | Certificate II in Aboriginal and/or Torres Strait Islander Primary Health Care |
| HLT23215 | Certificate II in Health Support Services |
| HLT23221 | Certificate II in Health Support Services |
| HLT26015 | Certificate II in Population Health |
| HLT26120 | Certificate II in Indigenous Environmental Health |
| HLT30113 | Certificate III in Aboriginal and/or Torres Strait Islander Primary Health Care |
| HLT33015 | Certificate III in Allied Health Assistance |
| HLT33021 | Certificate III in Allied Health Assistance |
| HLT33115 | Certificate III in Health Services Assistance |
| HLT35015 | Certificate III in Dental Assisting |
| HLT35021 | Certificate III in Dental Assisting |
| HLT35115 | Certificate III in Dental Laboratory Assisting |
| HLT36015 | Certificate III in Population Health |
| HLT36115 | Certificate III in Indigenous Environmental Health |
| HLT37015 | Certificate III in Sterilisation Services |
| HLT37115 | Certificate III in Hospital/Health Services Pharmacy Support |
| HLT37215 | Certificate III in Pathology Collection |
| HLT37315 | Certificate III in Health Administration |
| HLT37415 | Certificate III in Pathology Assistance |
| ICP20120 | Certificate II in Printing and Graphic Arts |
| ICP31215 | Certificate III in Printing |
| ICP31220 | Certificate III in Printing |
| ICP31315 | Certificate III in Print Manufacturing |
| ICP31320 | Certificate III in Print Binding, Finishing and Packaging |
| ICP31415 | Certificate III in Print Communications |
| ICP31420 | Certificate III in Prepress Graphic Design Production |
| ICT20319 | Certificate II in Telecommunications Technology |
| ICT30120 | Certificate III in Information Technology |
| ICT30519 | Certificate III in Telecommunications Technology |
| LGA20120 | Certificate II in Local Government |
| LGA30120 | Certificate III in Local Government |
| MAR20318 | Certificate II in Maritime Operations (Coxswain Grade 1 Near Coastal) |
| MAR30821 | Certificate III in Maritime Operations (Marine Engine Driver Grade 2 Near Coastal) |
| MEA20418 | Certificate II in Aeroskills |
| MEA20518 | Certificate II in Aircraft Line Maintenance |
| MEA30118 | Certificate III in Aircraft Surface Finishing |
| MEM20105 | Certificate II in Engineering |
| MEM20219 | Certificate II in Engineering - Production Technology |
| MEM30119 | Certificate III in Engineering - Production Systems |
| MEM30219 | Certificate III in Engineering - Mechanical Trade |
| MEM30319 | Certificate III in Engineering - Fabrication Trade |
| MEM30405 | Certificate III in Engineering - Electrical/Electronic Trade |
| MEM30505 | Certificate III in Engineering - Technical |

| Course ID | Course Title |
|------------------|---|
| MEM30619 | Certificate III in Jewellery Manufacture |
| MEM30719 | Certificate III in Marine Craft Construction |
| MEM30819 | Certificate III in Locksmithing |
| MEM31019 | Certificate III in Watch and Clock Service and Repair |
| MEM31119 | Certificate III in Engineering - Composites Trade |
| MSF20213 | Certificate II in Furniture Finishing |
| MSF20313 | Certificate II in Furniture Making |
| MSF20413 | Certificate II in Glass and Glazing |
| MSF30113 | Certificate III in Furniture Finishing |
| MSF30213 | Certificate III in Furniture Making |
| MSF30313 | Certificate III in Timber and Composites Machining |
| MSF30418 | Certificate III in Glass and Glazing |
| MSF30422 | Certificate III in Glass and Glazing |
| MSF30518 | Certificate III in Picture Framing |
| MSF30613 | Certificate III in Soft Furnishing |
| MSF30713 | Certificate III in Upholstery |
| MSF30818 | Certificate III in Flooring Technology |
| MSF31113 | Certificate III in Cabinet Making |
| MSL20118 | Certificate II in Sampling and Measurement |
| MSL30118 | Certificate III in Laboratory Skills |
| MSM20116 | Certificate II in Process Manufacturing |
| MSM21115 | Certificate II in Recreational Vehicle Manufacturing |
| MSM30116 | Certificate III in Process Manufacturing |
| MSM30216 | Certificate III in Surface Preparation and Coating Application |
| MSM30318 | Certificate III in Manufactured Mineral Products |
| MSM31015 | Certificate III in Recreational Vehicle Service and Repair |
| MSM31115 | Certificate III in Recreational Vehicle Manufacturing |
| MSS30316 | Certificate III in Competitive Systems and Practices |
| MST20419 | Certificate II in Laundry Operations |
| MST30519 | Certificate III in Leather Production |
| MST30619 | Certificate III in Laundry Operations |
| MST30919 | Certificate III in Dry Cleaning Operations |
| NWP20119 | Certificate II in Water Industry Operations |
| NWP30219 | Certificate III in Water Industry Operations |
| PMA30120 | Certificate III in Process Plant Operations |
| PMB20121 | Certificate II in Polymer Processing |
| PMB30121 | Certificate III in Polymer Processing |
| PPM30116 | Certificate III in Pulping Operations |
| PPM30216 | Certificate III in Papermaking Operations |
| RGR20221 | Certificate II in Racing Industry |
| RGR30218 | Certificate III in Racing (Stablehand) |
| RGR30518 | Certificate III in Racing (Trackwork Rider) |
| RGR30619 | Certificate III in Horse Breeding |
| RII20120 | Certificate II in Resources and Infrastructure Work Preparation |
| RII20720 | Certificate II in Civil Construction |



| Course ID | Course Title |
|-----------|--|
| RII30120 | Certificate III in Surface Extraction Operations |
| RII30320 | Certificate III in Underground Metalliferous Mining |
| RII30420 | Certificate III in Resource Processing |
| RII30820 | Certificate III in Civil Construction Plant Operations |
| RII30920 | Certificate III in Civil Construction |
| RII31820 | Certificate III in Drilling Operations |
| RII32020 | Certificate III in Drilling Oil & Gas (Onshore) |
| SFI20119 | Certificate II in Aquaculture |
| SFI20219 | Certificate II in Fishing Operations |
| SFI20319 | Certificate II in Seafood Post Harvest Operations |
| SFI20419 | Certificate II in Fisheries Compliance Support |
| SFI30119 | Certificate III in Aquaculture |
| SFI30219 | Certificate III in Fishing Operations |
| SFI30319 | Certificate III in Seafood Post Harvest Operations |
| SFI30419 | Certificate III in Fisheries Compliance |
| SFL20115 | Certificate II in Floristry (Assistant) |
| SFL30115 | Certificate III in Floristry |
| SHB30121 | Certificate III in Beauty Services |
| SHB30321 | Certificate III in Nail Technology |
| SHB30416 | Certificate III in Hairdressing |
| SHB30516 | Certificate III in Barbering |
| SIR30116 | Certificate III in Community Pharmacy |
| SIR30216 | Certificate III in Retail |
| SIR30316 | Certificate III in Business to Business Sales |
| SIS20115 | Certificate II in Sport and Recreation |
| SIS20221 | Certificate II in Sport - Developing Athlete |
| SIS20419 | Certificate II in Outdoor Recreation |
| SIS30315 | Certificate III in Fitness |
| SIS30321 | Certificate III in Fitness |
| SIS30421 | Certificate III in Sport - Athlete |
| SIS30521 | Certificate III in Sport Coaching |
| SIS30619 | Certificate III in Outdoor Leadership |
| SIS31015 | Certificate III in Aquatics and Community Recreation |
| SIT20116 | Certificate II in Tourism |
| SIT20416 | Certificate II in Kitchen Operations |
| SIT20421 | Certificate II in Cookery |
| SIT30116 | Certificate III in Tourism |
| SIT30122 | Certificate III in Tourism |
| SIT30216 | Certificate III in Travel |
| SIT30222 | Certificate III in Travel |
| SIT30516 | Certificate III in Events |
| SIT30522 | Certificate III in Events |
| SIT30616 | Certificate III in Hospitality |
| SIT30622 | Certificate III in Hospitality |
| SIT30816 | Certificate III in Commercial Cookery |

| Course ID | Course Title |
|------------------|--|
| SIT30821 | Certificate III in Commercial Cookery |
| TLI20421 | Certificate II in Supply Chain Operations |
| TLI21921 | Certificate II in Track Protection |
| TLI22318 | Certificate II in Rail Customer Service |
| TLI22321 | Certificate II in Rail Customer Service |
| TLI22421 | Certificate II in Furniture Removal |
| TLI27121 | Certificate II in Rail Infrastructure |
| TLI30121 | Certificate III in Mobile Crane Operations |
| TLI30122 | Certificate III in Mobile Crane Operations |
| TLI30219 | Certificate III in Stevedoring |
| TLI30321 | Certificate III in Supply Chain Operations |
| TLI30521 | Certificate III in Passenger Train Guard |
| TLI31216 | Certificate III in Driving Operations |
| TLI31221 | Certificate III in Driving Operations |
| TLI31222 | Certificate III in Driving Operations |
| TLI31421 | Certificate III in Light Rail Driving |
| TLI31921 | Certificate III in Mechanical Rail Signalling |
| TLI32121 | Certificate III in Rail Structures |
| TLI32721 | Certificate III in Track Protection |
| TLI33118 | Certificate III in Rail Customer Service |
| TLI33121 | Certificate III in Rail Customer Service |
| TLI37121 | Certificate III in Rail Infrastructure |
| TLI37122 | Certificate III in Rail Infrastructure |
| UEE20111 | Certificate II in Split Air-conditioning and Heat Pump Systems |
| UEE20120 | Certificate II in Split Air Conditioning and Heat Pump Systems |
| UEE20511 | Certificate II in Computer Assembly and Repair |
| UEE20520 | Certificate II in Computer Assembly and Repair |
| UEE20711 | Certificate II in Data and Voice Communications |
| UEE20720 | Certificate II in Data and Voice Communications |
| UEE20920 | Certificate II in Electronic Assembly |
| UEE21911 | Certificate II in Electronics |
| UEE21920 | Certificate II in Electronics |
| UEE22011 | Certificate II in Electrotechnology (Career Start) |
| UEE22020 | Certificate II in Electrotechnology (Career Start) |
| UEE30120 | Certificate III in Business Equipment |
| UEE30220 | Certificate III in Computer Systems Equipment |
| UEE30411 | Certificate III in Data and Voice Communications |
| UEE30420 | Certificate III in Data and Voice Communications |
| UEE30611 | Certificate III in Electrical Machine Repair |
| UEE30620 | Certificate III in Electrical Machine Repair |
| UEE30720 | Certificate III in Switchgear and Controlgear |
| UEE30811 | Certificate III in Electrotechnology Electrician |
| UEE30820 | Certificate III in Electrotechnology Electrician |
| UEE30911 | Certificate III in Electronics and Communications |
| UEE30920 | Certificate III in Electronics and Communications |

| Course ID | Course Title |
|------------------|--|
| UEE31011 | Certificate III in Fire Protection Control |
| UEE31020 | Certificate III in Fire Protection Control |
| UEE31211 | Certificate III in Instrumentation and Control |
| UEE31220 | Certificate III in Instrumentation and Control |
| UEE31411 | Certificate III in Security Equipment |
| UEE31420 | Certificate III in Security Equipment |
| UEE32111 | Certificate III in Appliance Service |
| UEE32120 | Certificate III in Appliance Service |
| UEE32211 | Certificate III in Air-conditioning and Refrigeration |
| UEE32220 | Certificate III in Air Conditioning and Refrigeration |
| UET20319 | Certificate II in ESI - Powerline Vegetation Control |
| UET30519 | Certificate III in ESI - Power Systems - Transmission Overhead |
| UET30521 | Certificate III in ESI - Transmission Overhead |
| UET30619 | Certificate III in ESI - Power Systems - Distribution Overhead |
| UET30621 | Certificate III in ESI - Distribution Overhead |
| UET30719 | Certificate III in ESI - Power Systems - Rail Traction |
| UET30819 | Certificate III in ESI - Power Systems - Distribution Cable Jointing |