



Bicton College

14-16 Practical Learning Opportunities

Level 1 and 2 Programmes

2011/12

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Subject	Agriculture
Qualification title	NPTC City and Guilds Award / Certificate / Diploma in Work Based Agriculture Please note that we aim for most students to complete the Certificate qualification. Some students however may achieve the Award qualification, whilst more able students could achieve the Diploma qualification.
Level of award	1
Time needed	Students will attend 1 day a week for their Year 10 and 11 of school. For students starting in September 2011 this will be a Thursday . Lectures start at Bicton at 10.00am and will finish at 2.30pm.
Course description	The aim is to meet the needs of learners who work or wish to work in the agriculture industry and to allow the students to learn, develop and practice the skills required for employment or career progression in the agriculture sector. Units include: <ul style="list-style-type: none"> • Maintaining the safety of self and others in the workplace • Maintaining equipment • Assisting with the care and movement of a range of farm animals • Basic operation of a tractor • Assisting with preparing sites and planting crops We use naturally occurring opportunities and encourage involvement at busy times on the units such as lambing and calving times.
Assessment methods	The teaching and assessment of these subjects is usually embedded in the practical subjects covered. A small amount of paperwork is needed for the student's portfolio although most of the assessment is through practical observations.
Progression	Successful learners may progress to a full time post 16 Level 2 programme.



Subject	Agriculture
Qualification title	Edexcel BTEC Extended Certificate in Agriculture
Level of award	2
Time needed	Students will attend 1 day a week for their Year 10 and 11 of school. For students starting in September 2011 this will be a Thursday . Lectures start at Bicton at 10.00am and will finish at 2.30pm.
Course description	<p>The aim is to meet the needs of learners who work or wish to work in the agriculture industry and to allow the students to learn, develop and practice the skills required for employment or career progression in the agriculture sector.</p> <p>Units include:</p> <p>Introduction to Farm Animal Production</p> <ul style="list-style-type: none"> • Common production systems used in livestock farming • Principles of livestock enterprise management • Routine husbandry and animal health duties on common farm livestock <p>Introduction to Land-based Machinery Operations</p> <ul style="list-style-type: none"> • Safe working principles when using equipment and machinery • Prepare, operate and maintain land-based equipment and machinery <p>Participate in Providing Estate Maintenance</p> <ul style="list-style-type: none"> • Select and use a range of hand tools and equipment for estate management • Maintain estate boundaries, surfaces and habitats • Work safely to minimise environmental damage <p>We use naturally occurring opportunities on the estate and encourage involvement at busy times on the units such as lambing and calving times.</p>
Assessment methods	The teaching of these subjects will be a combination of both theory and practical sessions. Assessment strategies will consist of practical observations, written evidence, reports and presentations.
Progression	Successful learners may progress to a full time post 16 Level 3 programme.



Subject	Animal Care
Qualification title	NPTC City and Guilds Award / Certificate / Diploma in Work Based Animal Care Please note that we aim for most students to complete the Certificate qualification. Some students however may achieve the Award qualification, whilst more able students could achieve the Diploma qualification.
Level of award	1
Time needed	Students will attend 1 day a week for their Year 10 and 11 of school. For students starting in September 2011 this will be a Thursday . Lectures start at Bicton at 10.00am and will finish at 2.30pm.
Course description	The aim is to meet the needs of learners who work or wish to work in the animal care industry and to allow the students to learn, develop and practice the skills required for employment or career progression in the animal care sector. Units include: <ul style="list-style-type: none"> • Maintaining the safety of self and others in the workplace • Assisting with the care, feeding and accommodation of a range of small animal and exotic species • Assisting with the movement and handling of a range of small animal and exotic species. <p>We use naturally occurring opportunities and every week students will be rotated around the animal care unit to care, clean and feed the various animals at Bicton; including mammals, reptiles, fish and birds.</p>
Assessment methods	The teaching and assessment of these subjects is usually embedded in the practical subjects covered. A small amount of paperwork is needed for the student's portfolio although most of the assessment is through practical observations.
Progression	Successful learners may progress to a full time post 16 Level 2 programme.



Subject	Animal Care
Qualification title	Edexcel BTEC Extended Certificate in Animal Care
Level of award	2
Time needed	Students will attend 1 day a week for their Year 10 and 11 of school. For students starting in September 2011 this will be a Thursday . Lectures start at Bicton at 10.00am and will finish at 2.30pm.
Course description	<p>The aim is to meet the needs of learners who work or wish to work in the animal care industry and to allow the students to learn, develop and practice the skills required for employment or career progression in the animal care or veterinary nursing sector.</p> <p>Units include:</p> <p>Introduction to Animal Breeds and Grooming</p> <ul style="list-style-type: none"> • History of animal and breed development • Breeds of small animal species • Reasons , requirements and ability to groom small pet animals <p>Understanding the Principles and Practices of Animal Establishments</p> <ul style="list-style-type: none"> • Purpose of a variety of animal establishments • Carry out daily cleaning and husbandry routines • Animal establishment administrative procedures and ability to respond to emergencies <p>Contribute to the Nursing of Animals</p> <ul style="list-style-type: none"> • Observation of in-patients and provide basic care • Ability to follow health, safety and hygiene procedures • Understand veterinary practice client care <p>We use naturally occurring opportunities within the Animal Care Centre including the mammal, reptile, fish and bird houses.</p>
Assessment methods	The teaching of these subjects will be a combination of both theory and practical sessions. Assessment strategies will consist of practical observations, written evidence, reports and presentations.
Progression	Successful learners may progress to a full time post 16 Level 3 programme.



Subject	Horse Care
Qualification title	NPTC City and Guilds Award / Certificate / Diploma in Work Based Horse Care Please note that we aim for most students to complete the Certificate qualification. Some students however may achieve the Award qualification, whilst more able students could achieve the Diploma qualification.
Level of award	1
Time needed	Students will attend 1 day a week for their Year 10 and 11 of school. For students starting in September 2011 this will be a Thursday . Lectures start at Bicton at 10.00am and will finish at 2.30pm.
Course description	The aim is to meet the needs of learners who work or wish to work in the horse care industry and to allow the students to learn, develop and practice the skills required for employment or career progression in the horse care sector. Units include: <ul style="list-style-type: none"> • Assisting with the care and handling of horses • Maintaining safe and effective working practices • Assisting with the cleaning the stables and yard • Assisting with putting on, taking off and cleaning the equipment <p>We use naturally occurring opportunities and every week students will be timetabled on our working yards to carry out practical tasks. At this level we do not expect or allow students to ride the horses at Bicton.</p>
Assessment methods	The teaching and assessment of these subjects is usually embedded in the practical subjects covered. A small amount of paperwork is needed for the students portfolio although most of the assessment is through practical observations.
Progression	Successful learners may progress to a full time post 16 Level 2 programme.



Subject	Horse Care
Qualification title	Edexcel BTEC Extended Certificate in Horse Care
Level of award	2
Time needed	Students will attend 1 day a week for their Year 10 and 11 of school. For students starting in September 2011 this will be a Thursday . Lectures start at Bicton at 10.00am and will finish at 2.30pm.
Course description	<p>The aim is to meet the needs of learners who work or wish to work in the horse care industry and to allow the students to learn, develop and practice the skills required for employment or career progression in the horse care sector.</p> <p>Units include:</p> <p>Fit and Maintain Horse Tack and Clothing</p> <ul style="list-style-type: none"> • Fit and remove tack and clothing • Clean and maintain tack <p>Maintain Animal Health and Welfare</p> <ul style="list-style-type: none"> • Promote, monitor, and maintain health and wellbeing • Common diseases and disorders, their prevention and treatment • Practices and principles of animal first aid <p>Undertake Horse Grooming, Trimming and Plaiting</p> <ul style="list-style-type: none"> • Clean, groom, trim and plait horses • Prepare a horse to improve appearance <p>Introduction to Lungeing Horses</p> <ul style="list-style-type: none"> • Lunge horse under supervision • Reasons for exercising horses from the ground <p>* Introduction to Riding Horses on the Flat</p> <ul style="list-style-type: none"> • Prepare for ridden work on the flat • Ride horse safely in walk, trot and canter and on the road • Mount, dismount and ride <p>We use naturally occurring opportunities and every week students will be timetabled on our working yards to carry out practical tasks.</p> <p>* Subject to a riding assessment and parental / guardian consent – Level 2 students may be able to select the riding option available.</p>
Assessment methods	The teaching of these subjects will be a combination of both theory and practical sessions. Assessment strategies will consist of practical observations, written evidence, reports and presentations.
Progression	Successful learners may progress to a full time post 16 Level 3 programme.



Subject	Practical Gardening - Horticulture
Qualification title	NPTC City and Guilds Award / Certificate / Diploma in Work Based Horticulture Please note that we aim for most students to complete the Certificate qualification. Some students however may achieve the Award qualification, whilst more able students could achieve the Diploma qualification.
Level of award	1
Time needed	Students will attend 1 day a week for their Year 10 and 11 of school. For students starting in September 2011 this will be a Thursday . Lectures start at Bicton at 10.00am and will finish at 2.30pm.
Course description	The aim is to meet the needs of learners who work or wish to work in the horticulture industry and to allow the students to learn, develop and practice the skills required for employment or career progression in the horticulture sector. Units include: <ul style="list-style-type: none"> • Maintaining the safety of self and others in the workplace • Assisting in the maintenance of grass surfaces and plants • Assisting with planting and establishing plants • Assisting with the growing of plants from seeds • Identification of common pests and diseases of plants <p>We use naturally occurring opportunities and every week students will be timetabled to work within the gardens and grounds at Bicton.</p>
Assessment methods	The teaching and assessment of these subjects is usually embedded in the practical subjects covered. A small amount of paperwork is needed for the students portfolio although most of the assessment is through practical observations.
Progression	Successful learners may progress to a full time post 16 Level 2 programme.



Subject	Countryside - Landbased Operations
Qualification title	NPTC City and Guilds Award / Certificate / Diploma in Work Based Landbased Operations Please note that we aim for most students to complete the Certificate qualification. Some students however may achieve the Award qualification, whilst more able students could achieve the Diploma qualification.
Level of award	1
Time needed	Students will attend 1 day a week for their Year 10 and 11 of school. For students starting in September 2011 this will be a Thursday . Lectures start at Bicton at 10.00am and will finish at 2.30pm.
Course description	The aim is to meet the needs of learners who work or wish to work in the Countryside industry and to allow the students to learn, develop and practice the skills required for employment or career progression in the Countryside sector. Units include: <ul style="list-style-type: none"> • Maintaining the safety of self and others in the workplace • Maintaining structures, surfaces and equipment used • Assisting with the movement of animals • Assisting with the basic operation of a tractor • Assisting with the planting and establishment of plants, forest and woodland sites • Habitat management <p>We use naturally occurring opportunities and every week students will be timetabled to work within the gardens, grounds and farm at Bicton.</p>
Assessment methods	The teaching and assessment of these subjects is usually embedded in the practical subjects covered. A small amount of paperwork is needed for the students portfolio although most of the assessment is through practical observations.
Progression	Successful learners may progress to a full time post 16 Level 2 programme.



Subject	Sport & Active Leisure
Qualification title	BTEC Diploma in Sport and Active Leisure
Level of award	1
Time needed	Students will attend 1 day a week for their Year 10 and 11 of school. For students starting in September 2011 this will be a Thursday . Lectures start at Bicton at 10.00am and will finish at 2.30pm.
Course description	The aim is to meet the needs of learners who work or wish to work in the Sport and Recreation industry and to allow the students to learn, develop and practice the skills required for employment or career progression in the Sport and Recreation sector. Units include: <ul style="list-style-type: none"> • Set up, take down and store equipment and to maintain facility areas. • Deal with accidents and emergencies • Help to give good levels of service to participants and customers • Plan fitness programmes • Help to plan and prepare sessions • Lead activities within a session We use naturally occurring opportunities and every week students will be timetabled to use the resources here at Bicton including the lake, climbing wall, indoor pool, indoor gym and the general estate.
Assessment methods	The teaching and assessment of these subjects is usually embedded in the practical subjects covered. A small amount of paperwork is needed for the students portfolio although most of the assessment is through practical observations.
Progression	Successful learners may progress to a full time post 16 Level 2 programme.



Subject	Sport & Active Leisure
Qualification title	Edexcel BTEC Extended Certificate in Sport
Level of award	2
Time needed	Students will attend 1 day a week for their Year 10 and 11 of school. For students starting in September 2011 this will be a Thursday . Lectures start at Bicton at 10.00am and will finish at 2.30pm.
Course description	<p>The aim is to meet the needs of learners who work or wish to work in the Sport and Recreation industry and to allow the students to learn, develop and practice the skills required for employment or career progression in the Sport and Leisure sector.</p> <p>Units include:</p> <p>Fitness Testing and Training</p> <ul style="list-style-type: none"> • Fitness and training requirements to achieve excellence in selected sports • Lifestyle factors affecting sports training and performance • Assess own level of fitness <p>Outdoor and Adventurous Activities</p> <ul style="list-style-type: none"> • Health and Safety considerations and environmental impacts • Techniques and skills and review performance in selected outdoor and adventurous activities <p>Sport and Leisure Facility Operations</p> <ul style="list-style-type: none"> • Provide a safe and secure environment • Customer service in sport and leisure facilities • Set up, check, take down and store equipment used <p>Leading Outdoor and Adventurous Activities</p> <ul style="list-style-type: none"> • Skills, responsibilities and qualities associated with successful leadership • Plan and lead and review outdoor and adventurous activities <p>We use naturally occurring opportunities and every week students will be timetabled to use the resources here at Bicton including the lake, climbing wall, indoor pool, indoor gym and the general estate sports facilities. With parental / guardian consent, level 2 learners may be required to partake activities off site.</p>
Assessment methods	The teaching of these subjects will be a combination of both theory and practical sessions. Assessment strategies will consist of practical observations, written evidence, reports and presentations.
Progression	Successful learners may progress to a full time post 16 Level 3 programme.





Motor Vehicle and Construction Courses

As part of our link with Exeter College, we are pleased to be able to offer the 14 – 16 students an opportunity to study Motor Vehicle and Construction at Level 1 here at Bicton College for the third year running.

Exeter College tutors deliver the courses at Bicton on the same day as the other courses. This will be a Thursday for students starting in September 2011.

For further information and application information, please contact Exeter College:

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