



## New £6.5m STEM Centre

**Confirmation of funding of over £6.5m has been received for a new Science, Technology, Engineering and Maths (STEM) Centre. Subject to planning approval, construction work will commence in March 2014 with completion by September 2015.**

The Isle of Wight College has consulted with key island employers to ensure the proposed facility is appropriately equipped as a state-of-the-art learning environment. There will be the best engineering training facilities covering robotics, pneumatics, hydraulics, CAD/CAM and renewable energies..

For 16-18 year olds and adult learners this facility will better prepare them for the transition to the workplace. Apprentices who attend College on day release will work with

equipment and resources which are better aligned with their workplace and emerging technologies. High quality ICT will be integrated throughout STEM programmes, equipping learners with technological knowledge for advanced manufacturing and engineering industries.

Debbie Lavin, (Principal) said “This is a significant further investment in the College, with the majority of investment coming through the Skills Funding Agency. Such a state-of-the-art facility will provide a fabulous learning experience for students. It is a significant investment in to the Island, with many positive benefits both in the short term and thereafter. I am thrilled the College and the Island have secured this major investment for us and the many first class STEM related businesses on the island”.

# Community Week 2013

Community Week was held at the end of November. It was a week of activities across the college when learners gave their time to do activities to help the community.

The learners gained valued skills which employers are asking for such as entrepreneurship, working in a team, interactive social skills, planning and meeting deadlines. Some sections decided to make best use of their skills by making goods or supplying services whilst others concentrated on fund raising activities for worthy causes of their choice.



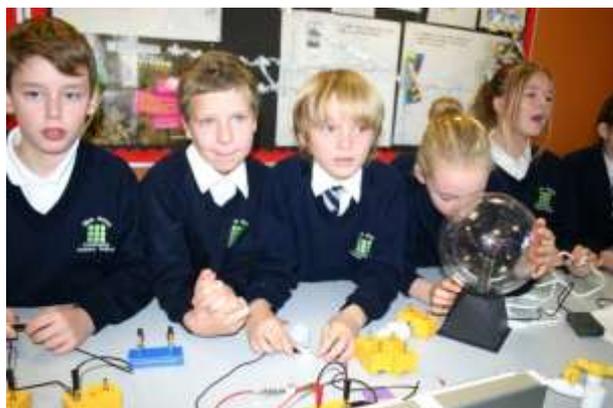
**120  
schoolchildren  
enjoy science  
experiments at  
F6rm**

Science teachers at F6rm invited 120 schoolchildren from Nine Acres and Cowes Primary Schools to F6rm to take part in a 'Science Circus'. The activities were designed to inspire elementary school students in Year 6 towards higher academic investment and achievement in sciences. Biology, Chemistry and Physics all contributed short interactive activities which included pond dipping, investigation into reaction times, examining leaves, smelly chemicals, making rubber bouncy balls from polymers, electricity, forces and spectroscopy.

All the activities were run by A - level students and overseen by the specialist course tutor. The elementary school students immensely enjoyed the activities and were tremendously excited.

In physics, students watched aluminium pie plates fly into the air when charged by a Van de Graff machine, and make their own hair

stand up on end by charging themselves! The children also made series and parallel circuits to power light bulbs and explored the rope model for electricity which is the model endorsed by the Institute of Physics to address misconceptions in the way electricity flows through a circuit. By the end of the session, Year 6 was able to correctly describe the path of current through a circuit, and left them feeling very positively charged! ☺



The young physicists also made CD spectrometers in order to analyse the light from different sources, noting a continuous spectrum or rainbow effect from sunlight and a discontinuous spectrum or a rainbow with gaps in it from fluorescent light sources. Young physicists then linked these observations to chemical signatures of elements present in the light, as well as exploring the aurorae borealis which are formed from excited oxygen and nitrogen molecules in the atmosphere due to collisions with the plasma solar wind from the sun.

Balloon rockets were also made and students given a chance to explore the balance and imbalance of forces involved and the resulting motion of rockets.

Young chemists were able to make bouncy balls from polymers, explore the smells given off by different chemicals and observe rapid chemical reactions in action.

Our own sixth form students were amazing throughout the day and staff from the primary school commented on how enthusiastic and patient they were with their pupils. 😊

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## Astrophysics Lecture



Dr Karen Masters from the University of Portsmouth Institute of Cosmology and Gravitation came to F6rm to present a talk on the Andromeda galaxy which involved the electromagnetic spectrum and its involvement in revealing clues about the deepest of space. Using X-rays, gamma rays and infrared parts of the spectrum astrophysicists have been able to determine a myriad of facts about the galaxy and model its collision with a neighbouring galaxy in 2.5 million years' time.

This very interesting lecture was attended by 60 people including members of the community.

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## Ventnor Lantern Parade

Twenty-two F6rm students made large willow lanterns on a Christmas theme. A large fairy, reindeer, snowman and a diamond were made in a day. A few of the students will also be helping by carrying these lanterns on Saturday 14th of December at 6pm- on the parade.

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## Litter-picking

Forty F6rm students cleaned Appley Beach, collecting twelve bags of litter. Additionally, they picked seven bags of litter from the cycle path that many students use to travel to and from College.

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## Using recycled wood



Woodwork students made goods from recycled pallets. The products, some of which were made to order, including benches, tables, shelving units, bird boxes and planters, were sold, raising £104 for Macmillan nurses with more still to be collected.

## Painting and Decorating

Painting and Decorating students undertook a project to repaint Cowes Community Club hall.

They also painted the picnic benches manufactured by the woodwork learners, and produced some hand-painted wall signs.



## Seasonal logo for Yoppul



Art students produced a range of seasonal logos for Yoppul (the on-line site for 14 – 24 year olds) [www.yoppul.co.uk](http://www.yoppul.co.uk). Emily Scotcher from Yoppul was so pleased with the results she will use some on Twitter and the Yoppul website.

## Plumbers help out

The picture below shows Plumbing students painting the tables manufactured by the woodwork students – a real team effort! 😊



## Planting project at historic Nunwell House



Horticulture students carried out a planting project at Nunwell House.



Planting in the arboretum

## Pet welfare and advice

Animal Care learners held Pet Welfare and Advice sessions for students and staff about choosing a pet, housing, feeding, health checks (including claw trimming) and welfare needs.

It was also 'open house' to meet some of the animals, guinea pigs, rabbits, rats, bearded dragons, leopard geckos and a corn snake.

## £700 for Isle of Wight Toy Appeal



Congratulations to Engineering and Motor Vehicle learners who chose to do a sponsored walk and raised over £700 for the Isle of Wight Toy Appeal. This charity provides a toy at Christmas for disadvantaged children on the Isle of Wight. 😊

## Help for the homeless

Hospitality students provided fresh spicy pumpkin soup with the pumpkins coming from the college gardens plus fresh baked bread rolls and donated it all to the Salvation Army soup kitchen for the homeless. They have also prepared and cooked other items that have been frozen, and will give them to the Salvation Army during the next few weeks to help them through the coming colder weather

## Tea and cakes

Hospitality students also held an afternoon tea session with delicious speciality cakes for the local Riverside Centre, with a group of Learning Opportunities learners.



## Story bags



Child Care students hand-made story bags for young children. Story bags encourage children to interact with stories and take on their own role. This helps to improve a variety of skills and encourages children to enjoy stories and books. The story bags include items like glove puppets, story books, pictures and other items relevant to the story. The story bags will be distributed to various early years settings.



# Courses for school leavers starting in September 2014



- **A Levels (AS and A2)**  
Choose from wide range of subjects and study in our modern F6rm Centre
- **Access to Higher Education** for those aged 19+ looking to gain university entrance. Science, Education, Humanities, Nursing and Social Science options
- **Activities Leadership (in partnership with UKSA)**  
This course is delivered at a large water activities centre in Cowes
- **Animal Care**  
For those who dream of a job improving the lives of animals
- **Apprenticeships**  
Earn while you learn with flexible work-based learning apprenticeship programmes
- **Art and Design**  
Discover which aspects of art and design you are most suited to and build an impressive portfolio
- **Beauty and Complementary Therapies**  
Fashions may change but health and beauty is always on the agenda
- **Brickwork**  
Brickwork is the foundation of the building industry and an excellent start to a successful career
- **Business Management and Finance**  
Business acumen is the backbone of the world's economy and leads to rewarding careers
- **Commercial Music (in partnership with Platform One)**  
Use professional recording studios, rehearsal rooms, and music technology suites.
- **Computer Games Development**  
Gain the exciting, transferable computing skills employers are looking for
- **Computing and I.T.**  
I.T. skills provide fast-paced and dynamic career opportunities
- **Early Childhood Studies**  
A career in child care will give you the opportunity to affect the lives of future generations
- **Electrical**  
Electricians are skilled technical professionals enabling the safe use of electricity
- **Engineering**  
The basis of many exciting careers from aerospace to automotive and manufacturing
- **Fitness and Exercise**  
The health and fitness industry is ideal for those with drive, ambition and focus
- **Football Development (in partnership with AFC Bournemouth)**  
Combine your passion for football with academic study
- **Football Coaching (in partnership with AFC Bournemouth)**  
Gain FA coaching qualifications in a global industry which inspires people around the world
- **Foundation Learning**  
Individual programmes to give progression into employment, training or further education
- **Graphic Design**  
Harness the power of visual media to be seen by, and influence, a global audience
- **Hairdressing**  
With UK hairdressing regarded as the best in the world there is ample opportunity to travel internationally and use your skills abroad
- **Health and Social Care**  
Enhance people's lives and offers the ultimate reward if you enjoy working with people.

- **Horticulture/Countryside**  
For those who want to manage, nurture and protect our environment.
- **Hospitality and Catering**  
A fast-moving industry which is both rewarding and hectic. Become a great chef, leader or manager
- **Interior Design**  
Use your creative flair and technical skills to prepare interior design schemes
- **Leisure Industries**  
A truly global industry with varied and exciting career paths
- **Media Production**  
Communicate on a global scale as the media's influence stretches to every corner of the world
- **Motor Vehicle**  
This work is challenging and logical involving a lot of problem solving
- **Office Administration**  
Learn essential skills necessary to ensure the smooth running of the modern busy office
- **Pathways Programmes**  
Designed especially for those with learning difficulties and/or disabilities
- **Painting and Decorating**  
Add colour and interest to new architecture and rejuvenate and modernise the old
- **Performing Arts**  
Competitive and demanding, yet exhilarating and rewarding for those with enthusiasm, ability and ambition
- **Plumbing and Gas**  
Once qualified plumbers can work towards technician and supervisory level jobs, specialise in a specific area and/or go self-employed
- **Public Services**  
Develop the ability to perform under the most challenging circumstances. Leads to careers with Police, Customs, Prison, Fire Services and Armed Forces
- **Wood Occupations**  
Carpentry and joinery skills are always in demand and open up opportunities across the globe



## Most above courses available from Entry Level to Level 3

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- **University courses**  
In partnership with University of Portsmouth and University of Chichester
    - HND Business
    - Foundation Degree Business
    - HNC/HND Computing and Software Development
    - HNC/HND Engineering
    - Foundation Degree Early Childhood Studies
    - Foundation Degree Graphic Design

# Part time courses starting soon

Start	Course	Weeks	Day	Times	£
09/01/14	Basic Sage Accounts	6	Thur	18:00-20:00	£199
09/01/14	Sewing Machine Skills for Beginners	4	Thur	18:00-20:30	£69
09/01/14	Graphic Design Getting Started	6	Thur	18:30-21:00	£119
09/01/14	Lip Reading for All *	8	Thur	17:30-19.30	£49
09/01/14	Introduction to Psychology	6	Thurs	18:30-20:30	£99
09/01/14	Buying a PC/Laptop	2 hrs	Thur	18:00-20:00	£12
09/01/14	Take Great Pictures	2 hrs	Thur	18:00-20:00	£12
09/01/14	Discover Facebook	2 hrs	Thur	18:00-20:00	£12
09/01/14	Emergency First Aid	1 day	Thur	09:30-16:30	£95
10/01/14	Award in Computer and Online	6	Fri	10:30-12:30	£101
10/01/14	Doing Your Own Hair	5	Fri	16:00-19:00	£130
11/01/14	Use Your Smartphone/ Skype/	3 hrs	Sat	TBC	£40
13/01/14	Spanish Level 1 - (Sandown Library)	8	Mon	18:00-20:00	£99
14/01/14	Watercolours (Becky Samuelson,	6	Tues	10:00-12:30	£119
14/01/14	Level 2 Award in Door Supervisors	3 days	Tue	09:00-17:00	£295
15/01/14	Help I've Got a Teenager	4	Wed	18:00-20:00	£40
15/01/14	Introduction to Reflexology	4	Wed	18:00-21:00	£50
16/01/14	Choosing a Printer	2 hrs	Thur	18:00-20:00	£12
16/01/14	Edit Your Pictures	2 hrs	Thur	18:00-20:00	£12
16/01/14	Discover Google	2 hrs	Thur	18:00-20:00	£12
16/01/14	Keeping Your Child Internet Safe	6	Thur	18:00-20:00	£60
16/01/14	Child Psychology	6	Wed	18:00-20:00	£80
17/01/14	LGP Gas	2 days	Fri	09:00-17:00	£445
21/01/14	Fire Safety Awareness Level 1	½ day	Tue	08:30-12:30	£49
21/01/14	Asbestos Awareness	1 day	Tue	09:00-17:00	£65
21&28/01/13	WORD beginners	2 days	Tue	09:00-12.30	£75
23/01/14	Set Up E-mail	2 hrs	Thur	18:00-20:00	£12
23/01/14	Share Your Pictures	2 hrs	Thur	18:00-20:00	£12
23/01/14	Stay Safe! Scams and Baddies	2 hrs	Thur	18:00-20:00	£12
24/01/14	17th Edition Wiring Regulations	4	Fri	09:00-17:00	£375
25/01/14	Edit Videos/Typing Skills/Web	3 hrs	Sat	TBC	£40
28/01/14	Health & Safety Awareness Level 2	1 day	Tue	09:00-16:30	£75
30/01/14	Get Safe On-line	2 hrs	Thur	18:00-20:00	£12
30/01/14	Keep Your Pictures Safe	2 hrs	Thur	18:00-20:00	£12
30/01/14	Protect Yourself and Others on	2 hrs	Thur	18:00-20:00	£12
04/02/14	First Aid at Work	3	Tue	09:30-16:30	£245
04&11/02/13	EXCEL Intermediate	2 days	Tue	09:00-12:30	£75
05/02/14	Site Supervision (SSSTS)	2 days	Mon/Tue	09:00-17:00	£295
06/02/14	Make Money with Your Pictures	2 hrs	Thur	18:00-20:00	£12
06/02/14	Tweet for Fun and Success	2 hrs	Thur	18:00-20:00	£12
11/02/14	Risk Assessment Level 2	1 day	Tue	09:00-16:30	£75
12/02/14	Introduction to Indian Head Massage	4	Wed	18:00-21:00	£50
17/02/14	Emergency First Aid at Work	1 day	Mon	09:30-16:30	£95
24/02/14	Drawing & Watercolour for All	4	Mon	18:00-20:00	£49
24/02/14	Site Managers (SMSTS)	5 days	Mon-Fri	09:00-17:00	£695
25/02/14	Car Maintenance for All*	5	Tue	18:00-20:00	£65
25/02/14	Photoshop - Taking it Further	6	Tue	18:00-20:00	£79
25/02/14	Developing Your First Novel-Taking it	6	Tue	19:00-21:00	£79
25/02/14	Hairdressing Prof Updating 2 Adv Cutting	8	Tue	14:00-17:00	£130
25/02&04/03/13	WORD Intermediate	2 days	Tue	09:00-12:30	£75
26/02/14	RYA Marine Diesel Engines (PPE)	5	Wed	18:00-20:00	£89
27/02/14	RYA Essential Navigation & Seamanship	8	Thur	18:00-20:00	£139
27/02/14	Dressmaking Made Simple	6	Thur	18:00-20:30	£119
28/02/14	Portable Appliance Testing (College Cert)	4	Fri	13:30-16.:30	£149
28/02/14	C&G 2394/2395 Inspection & Testing	7	Fri	13:30-16:30	£445/£375
04/03/14	Cooking Around the World	4	Tues	18:00-21:00	£99
11/03/14	Day Skipper	16	Tues	18:00-20:30	£259

For more information see [www.iwcollege.ac.uk](http://www.iwcollege.ac.uk)  
call 01983 526631 or enquire at Admissions Office

## It's the business - £893 raised!



Business, Office Administration and Tourism students held a cake sale and raffle and raised £601.51 for Kissy Puppy (in honour of the late Sophie Rolf to help others). They competed in FIFA and Formula 1 (Xbox) and Just Dance (Wii) and raised £291.49 for the Earl Mountbatten Hospice

## Clearing the car park of leaves



Public Services learners carried out a Speed Watch Initiative and have been clearing the college car park of dead leaves and cleaned the college's white mini buses.



Ready for work

## Basic Computer Skills

Computing students chose to teach members of the community on a one to one basis, basic computer skills such as how to create an email account, how to search on the internet, how to retouch images, create your own personalized Christmas cards, re-designing and producing a children's baking cook book. The cook book would be sold for a small fee that will go towards the Help for Heroes charity.

## Car safety checks

Motor vehicle learners and staff carried out free winter safety checks on cars for their friends, relatives and all staff. The checks included: tyres, wipers, washers, lights, coolant, engine, seat belts, brakes etc.



## White Christmas

Performing Arts students prepared a performance for Medina House School, Newport. They began the week by watching Irving Berlin's 'White Christmas'. All level 2 and level 3 students then worked as an ensemble to create and perform three numbers from the show as well as a high energy jive dance piece and an acoustic musical mash up!

All classes within the school were invited and the audience was full to capacity. The performance was such a success the Headteacher of the school has invited them to perform again in the future.

## Christmas gift boxes



Over 80 hairdressing learners filled 'community gift boxes' (shoe boxes) with new items – toiletries, toys etc suitable for men, women, boys, girls or babies for clients of the Isle of Wight Food Bank. The items were donated by learners and their families, etc plus they raised money from book sales to buy further items to fill the boxes.

Once the boxes were ready the learners wrapped them in Christmas gift paper. The hairdressing learners completed a 'sponsored walk' to the Food Bank to deliver the boxes and have a look at the work that is done there. After the activities the learners produced an impressive display detailing what they had done.



The money collected from the sponsored walk was given to the IW Air Ambulance.



## Fitness students climb the 5 tallest towers in the world

Fitness students were sponsored to climb the equivalent of the combined total of all the steps in 5 of the tallest towers in the world.



## Rowing across the English Channel and back

The second challenge was a sponsored row of equivalent in distance to rowing across the English Channel and back again.



## Sponsored 10 ton lift

The third challenge was equivalent of a 10 ton lift whilst in fancy dress ☺



## Book sale makes £103

A book sale held by Fitness learners raised £103 to sponsor an Indian girl.

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## Helping the bees

Brickwork students turned their hands to constructing beehives from recycled pallets. The beehives will be re-located to an undisclosed public area in West Wight.



## Giving something back



Level 3 first year childcare students made storybooks with puppets to give to their placements. This enabled them to give something back, as without the placement they could not complete their training!

Students had to make the story up, decide on characters and then write up their story plus drawing the pictures and making a puppet of the main character.



The story book and the glove puppet 'The Elf that could not make toys' 😊.

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## Free massage/beauty treatments for carers

Beauty/Complementary Therapy learners provided free massages and beauty treatments for those who care for a disabled or sick person, also to some of the college's learners which specific learning difficulties and disabilities.

The learners also held a raffle and collected a total of £538 being £33 for selling hospice sunflowers badges and bracelets, £25 for Cancer Research UK, £50 for Earl Mountbatten Hospice just giving page, £170 collected for Kissy Puppy Charity and, approximately £260 was collected for the Earl Mountbatten Hospice.



Beauty learners selling sunflowers for Earl Mountbatten Hospice.

## Public Services students join Student Watch scheme

The students hosted a talk from Hampshire Police which raised awareness of a new Island scheme called Student Watch. This scheme is designed to improve community cohesion. Volunteers will be trained to offer advice and assist in keeping other students and community members safe.



## Portable appliance testing

Electrical students offered free portable appliance testing. Although not yet qualified to provide certification the students carried out tests to check for safety. If any faults identified they recommended items be referred to a fully qualified electrician for checking.

## Open Evenings 2014

Thursday 9 January, 4 – 7.30pm  
Thursday 6 February, 4 – 7.30pm  
Wednesday 26 March, 4 – 7.30pm  
Tuesday 13 May, 4 – 7.30pm  
Wednesday 23 July, 4 – 7.30pm

## Courses for 16 – 18 Year Olds Starting in January 2014

If you are not at school or college, not working or training then you don't have to sit at home and wait until September! The following full time courses are ideal for 16 - 18 year olds looking for a fresh start in the New Year.

- Business Administration
- Hairdressing Level 1
- Hospitality Gateway
- Computing Level 3
- Individualised programmes of study

Apply online today, pick up an application form or speak to an Admissions Adviser (office opposite main reception) call now on 01983 535210 or email [admissions@iwcollege.ac.uk](mailto:admissions@iwcollege.ac.uk)

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## The College Restaurant

The College Restaurant is run by students under the close supervision of expert college staff and is open to the public three days a week. Private functions and external events including weddings can also be catered for.

Opening times:

- Wednesday Lunch (12pm – 1pm)
- Wednesday Evening (6:30pm – 8pm)
- Thursday Lunch (12pm – 1pm)
- Thursday Evening (6:30pm – 8pm)
- Friday Lunch (12pm – 1pm)
- Friday Evening (6:30pm – 8pm)

For all reservations and enquiries please call 01983 535206 or contact us via email: [restaurant@iwcollege.ac.uk](mailto:restaurant@iwcollege.ac.uk) or book online where you will find a **15% off voucher to use in The College Restaurant until end of January 2014.**