Prospectus
2012
DISCOVER. TRANSFORM. ACHIEVE
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Welcome to Republic Polytechnic!

Home to over 13,000 students and 1,000 staff, Republic Polytechnic (RP) offers a dynamic learning environment that brings out the true potential in every student.

Set within a lush landscape and packed with modern facilities, our iconic campus in Woodlands is where your educational development needs come first.

For us, learning is a state of mind, not just an academic process. We believe in helping you discover your true talent and transform into the best you can be so that you can achieve your goals. At RP, you will embark on a life journey that will open your mind to the world around you. Through exploration, discovery and involvement, you will develop a passion for knowledge that will help you excel both in your career and in life.
We believe in helping you discover your true talent and transform into the best you can be so that you can achieve your goals.

DISCOVER
From day one, we have consciously leveraged Problem-Based Learning (PBL) as a teaching pedagogy at RP, enhancing and refining our methodology over the years. We further complement our PBL approach with an industry-driven curriculum and with holistic assessment within a technology-rich environment. This ensures that our diploma programmes give you unique opportunities for learning and discovery in different fields.

The RP campus has a wealth of modern laboratories, studios, and specialised learning centres. These advanced facilities allow you to gain hands-on practice using the latest technologies and equipment.

To provide you with more opportunities to enter high-growth industries, we are launching three new diploma programmes in Academic Year 2012. They are: Diploma in Consumer Behaviour and Research, Diploma in Mobile Software Development, and Diploma in Sports Coaching. These new diplomas are part of our ongoing efforts to prepare you for the careers of tomorrow.

TRANSFORM
As passionate educators, our faculty is here to help you transform. With many years of teaching and industry experience, they are the caring guides on your learning journey. They are here to nurture you into a confident and resourceful individual with strong analytical and interpersonal skills. These skills will give you both the critical building blocks for successful career progression and a foundation for lifelong learning.

At RP, there is ample space for you to realise your true potential and transform into a successful, industry-savvy, and work-ready young professional. All our diploma programmes include internship or industry immersion components, allowing you to gain firsthand experience working with organisations in your field of study.

RP’s Student Career Services then supports you by first understanding your aspirations and providing you with valuable advice to help shape your future.

ACHIEVE
RP diplomas are held in high regard by industry and institutions of higher learning both in Singapore and overseas. Thus when you graduate from RP, your diploma is both a personal achievement and a valuable stepping-stone to a rewarding career.

There are various scholarship programmes to help you pursue your dreams at RP. Launched this year, the Republic Polytechnic-Daisy Phay Foundation Scholarship provides outstanding students with bond-free scholarships for study in any of our diploma programmes. In addition, there are numerous scholarships and bursaries sponsored by private organisations to help you achieve your goals at RP.

While academics are certainly important, we view achievement in a much broader holistic sense. That is why we provide you with a vibrant environment bursting with student activities. Our numerous interest groups let you express yourself through sports, culture, music, dance, community service, and other areas. These activities provide opportunities for you to make new friends, develop new skills, and perhaps even represent your school or country in national and international events.

I encourage you to read on to learn more about RP, what we have to offer and what you can expect when you join the RP family. I look forward to welcoming you on campus and showing you how RP can help you get more out of life.

Yeo Li Pheow
PRINCIPAL/CEO
Vision
An educational institution of choice for nurturing innovative, entrepreneurial and cultured professionals.

Mission
We nurture individuals to prepare them for a dynamic world in partnership with stakeholders, leveraging on problem-based learning.

Our Values - “ExCITE”

Excellence
Continuous learning and innovation are crucial

Customer-Oriented
Customers are the focus of everything we do

Initiative
We will be pro-active and progressive

Teamwork
We are a team

Ethics
Integrity is never compromised
Republic Polytechnic (RP) is a vibrant learning playground. Started with 800 students in 2003, we have now grown to a lively community of more than 13,000 students and 1,000 staff.

Despite our size, we believe that every student is unique. That is why we celebrate individuality and help you discover your own special talents.

At our modern campus in Woodlands you will find not only state-of-the-art facilities, but also space to explore. For us, learning is borderless. We challenge you to discover the world around you as part of an ongoing learning journey.

With the future in mind, we offer you a forward-thinking education. Opportunities abound in fields ranging from engineering, applied sciences and information technology to the arts, hospitality, sports, and leisure. Whatever your interest, we will help you achieve your full potential.

There are 38 diploma programmes and one common engineering programme for you to choose from.

These are offered by the six schools and two centres within RP:

• School of Applied Science
• School of Engineering
• School of Hospitality
• School of Infocomm (formerly known as School of Information and Communications Technology)
• School of Sports, Health and Leisure
• School of Technology for the Arts
• Centre for Culture and Communication
• Centre for Innovation and Enterprise

Whatever your interest, we will help you achieve your full potential.
Learning @ RP

Republic Polytechnic (RP) offers you a learning experience that will realise your full potential and enable you to develop the professional knowledge and personal skills required for the 21st century economy.

RP PROBLEM-BASED LEARNING
Being the first educational institution in Singapore to leverage Problem-Based Learning (PBL) pedagogy, RP aims to add value to each student’s intellectual make-up in terms of problem-solving process skills, lifelong learning attitude, and ready-to-use knowledge. RP’s pedagogical approach is based on the ideal of “learning by doing”, which has been considered by many educators to be the way forward. It trains you to become knowledgeable team players equipped with the skills to handle a variety of situations, tackle problems, and complete tasks in a knowledge-driven economy.

RP’s pedagogy motivates you to think creatively through discussions and real-life experiences. A salient feature of RP’s pedagogy is learning on a daily basis in a class of no more than 25 students. You will work in teams, learning how to evaluate, analyse, and solve problems.

Complementing PBL, RP adopts alternate pedagogies to cater to different curricula needs, in particular, where the attainment of competency or safety standards established by industry is required. You may also learn through apprenticeship modelling, experiential learning, participatory lectures, and project-based learning.

BROAD-BASED CURRICULUM, PRACTICAL TRAINING
With 38 diploma programmes, RP stands as an institution of choice. Three new courses are launched in 2012:
• Diploma in Consumer Behaviour and Research (by Centre for Innovation & Enterprise)
• Diploma in Mobile Software Development (by School of Infocomm)
• Diploma in Sports Coaching (by School of Sports, Health and Leisure)

RP makes a concerted effort to ensure that all its courses are in line with the needs and demands of industry.
RP makes a concerted effort to ensure that all its courses are in line with the needs and demands of industry. Representatives from both the public and private sectors sit on RP’s Board of Governors and Advisory Committees.

In addition, a large part of the curriculum is dedicated to practical learning experience. Students work on projects and solve real-world problems. The RP campus houses many state-of-the-art facilities that provide students the opportunity to learn and acquire skills through hands-on practice.

TECHNOLOGY-BASED LEARNING
All RP students are exposed to both independent and collaborative online learning. You will be required to own a personal notebook so that you can access instant information and go online anytime, anywhere in the campus’ wireless environment.

INTERNSHIPS – LEARNING THROUGH REAL-LIFE EXPERIENCE
RP focuses on training you to be an ideal candidate for industry. Through work attachments, you will gain real work experience and be well-prepared for work life.

Before starting an internship, students undergo a preparatory workshop on resume writing and interviewing skills. Other components such as leadership and personal grooming may be offered. During the internship, you will have the opportunity to learn good work ethics and industry best practices. The duration of internship ranges between 16 to 24 weeks, depending on the diploma programme you enrol in.

OVERSEAS LEARNING MULTICULTURAL EXPOSURE
RP organises overseas study trips for students to gain multicultural exposure. These overseas exchange programmes help develop global mindsets that are essential for employability in today’s markets. You will observe how other cultures work and learn to appreciate a multinational environment.
Facilities and Support @ RP

Learning is most successful when it takes place in a conducive environment. At RP, we provide you with the best facilities and support to help you get more out of your education.

The modern RP campus is designed with the needs of students in mind. Its open-concept design gives you plenty of space for collaboration and interaction. The fully wireless campus features more than 500 facilitation rooms and 170 laboratories.

Various state-of-the-art facilities further cater to the holistic development of all students. For example, the sports complex boasts an Olympic-sized swimming pool, while The Republic Cultural Centre houses a 1,000-seat theatre.

In addition to the physical infrastructure, we also provide you with personalised support services to help you achieve your goals.

SPORTS COMPLEX
RP’s sports complex is where you will find most of the sporting action on campus. Inside, you can work up a sweat in the fitness centre, aerobics hall or badminton hall. There is also a martial arts room that can fit up to 200 participants. Outside, you can burn off energy on the soccer/rugby field, multi-purpose courts, and tennis courts. An Olympic-sized swimming pool and a rock-climbing wall give you more options for getting active.

STATE-OF-THE-ART TRAINING LABS
At RP, we believe that learning is greatly enhanced by doing. Each of our schools has its own specialised laboratories featuring the latest technology and equipment where you can learn through practice.
The modern RP campus is designed with the needs of students in mind. Its open-concept design gives you plenty of space for collaboration and interaction.

For example, the School of Applied Science has a water technology lab where you can get your hands wet learning about wastewater treatment. And the School of Sports, Health and Leisure has exercise prescription labs where you can delve into sports and fitness research.

**LIBRARY**
Located at the heart of the campus, the library at RP encourages knowledge sharing and interactivity. In addition to an extensive multimedia collection, you will also find discussion rooms, gaming rooms, and a café.

**STUDENT WELLNESS**
RP cares about every student’s well-being. The Student Wellness division is set up to look after your holistic wellness. Offering services such as mentoring, counselling, special needs assistance, and welfare assistance, you can take heart that help is always there for you. The division also strives to keep you healthy. Besides health screenings and health talks, the Student Wellness division works with the Student Council to encourage physical activity and social engagement on campus.

**GRADUATE & CAREER SERVICES**
RP’s mission is to prepare you for successful careers upon graduating. To achieve this, we offer career coaching for all students and alumni of RP. The experienced career coaches will guide you through a process of career discovery and planning. Armed with resume writing, personal grooming and interviewing skills, you will enjoy a head start as you enter the workforce. We also organise on-campus job fairs, giving you excellent opportunities to interact with prospective employers.
Student Life @ RP

At RP, we think that being a student should be about more than academia. That is why we offer a vibrant student life filled with opportunities for fun and holistic development. Whatever your interests, we have something for you!

More than 100 Interest Groups (IGs) keep the RP campus alive and buzzing year-round. Based in our various schools and centres, the IGs span everything from sports and the arts to outdoor learning, technology, and community service. All you need to do is sign up for an activity you love and start making new friends who share a common interest.

Some of our more unique IGs include Republic ALPS, Ultimate Frisbee, Gamelan Ensemble, Youth Entrepreneurship, FILM Factory, Hotel Fuze, Eureka, Aeromodelling, and Gaming, just to name a few.

SPORTS
If you’re the sporty type, you can dive into our many sports IGs:

- Aikido
- Aquatic
- Archery
- Athletics
- Badminton
- Basketball
- Biking
- Bowling
- Canoeing
- Cricket
- Cue Sports
- Dragon Boat
- Floorball
- Foosball
- Hockey
- Intellectual Games
- Judo
- Netball
- Rexaz Cheerleading
- Rugby
- Sepak Takraw
- Soccer
- Table Tennis
- Taekwondo
- Tennis
- Ultimate Frisbee
- Volleyball
- Wakeboarding

More than 100 Interest Groups (IGs) keep the RP campus alive and buzzing year-round.
SERVICE-LEARNING
Service-learning combines experiential learning, community service, and a whole lot of fun. If you enjoy meeting new people and giving back to society, there are plenty of ways to get involved.

You can try the Service-Learning Club if you aspire to become a leader of change in your community. Or you can help out those around you by joining the Red Cross Society. RP’s Service-Learning Resource Centre also offers many opportunities for you to make the world a better place through both local and international projects.

ADVENTURE LEARNING CENTRE
For the more adventurous and outdoorsy, you can get your fill of adrenaline in one of the IGs under the Adventure Learning Centre. Here you can pick up new life skills and be empowered to push your limits through adventure learning.

• Adventure Race
• Astronomy
• Climb.Republic
• Kayaking
• Republic ALPS
• Scuba Diving
• Trek Earth

THE REPUBLIC CULTURAL CENTRE
The Republic Cultural Centre (TRCC) gives you space to express yourself through the arts. Alive with cultural programmes and events, TRCC is where you can combine art appreciation and artistic development. Whether you like to sing, dance or perform, there is an IG for you. The IGs under TRCC are:

• Beats Encore (Percussion Ensemble)
• Campus Arts Productions
• Capoeira
• Chinese Orchestra
• Dikir Barat (Malay Cultural Group)
• Dragon and Lion Cultural Troupe
• Drama
• Gamelan Naga Kencana (Gamelan Ensemble)
• GEnFe (Guitar Ensemble)
• Hip Hop
• Indian Cultural Group
• Jammerz Arena
• Latin Dancesport
• Magic
• Modern Dance
• Pentas Karyawan (Malay Cultural Group)
• RePlug
• Republic Rhapsody (A Cappella Group)
• Salsa Dance
• Seni Silat (Malay Cultural Group)
• String Ensemble
• Tarian (Malay Cultural Group)
• Wind Symphony
• Wushu