



Continuing
Professional
Development

VISION STATEMENT

Engineering excellence, transforming the nation

MISSION STATEMENT

ECSA achieves this vision through:

Determining standards for education and accreditation of educational programmes as well as registration of engineering practitioners

Developing and sustaining a relevant, transformed, competent and internationally recognised engineering profession

Educating the public on expected engineering quality standards and protecting the interest of the public against sub-standard quality of engineering work;

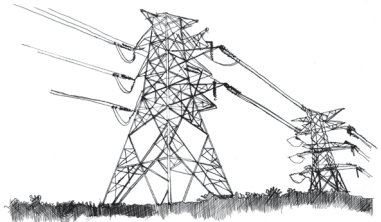
Regulatory efforts to ensure environmental protection, and

Engaging with government to support national priorities



GUIDELINES ON CONTINUING PROFESSIONAL DEVELOPMENT AND RENEWAL OF REGISTRATION

The Rules on Continuing Professional Development (CPD) and Renewal of Registration were initially published in the Government Gazette No. 28328 of December 2005. The CPD system has been well



established since the implementation of a formal system in January 2006. The latest publication of the Rules can be downloaded from ECSA's website.

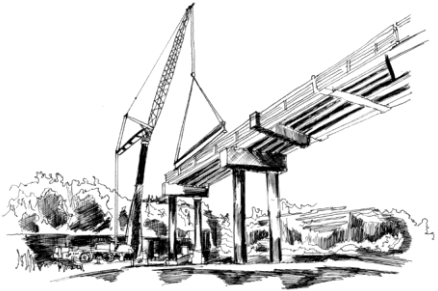
The development of each registered engineering practitioner is unique, as it has to meet his/her own needs and the needs of employers. CPD is about improving the engineering practitioner's chance of achieving career aims, being successful in his/her work environment, keeping himself/herself up to date with current industry trends and thereby remaining employable. To remain competent in specific areas of practice, registered practitioners need to develop and apply their knowledge, experience and expertise with associated skills or they may lose their proficiency.

The objective of this brochure is to confirm ECSA's commitment in maintaining a CPD culture, whereby engineering practitioners can achieve and maintain their registerability in terms of the Engineering Profession Act 46 of 2000, and in compliance which is international requirements.



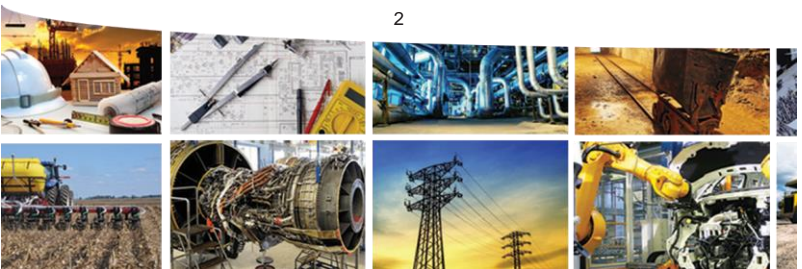
Q: WHY WAS IT NECESSARY TO INTRODUCE CONTINUING PROFESSIONAL DEVELOPMENT?

To remain globally competitive and to maintain the high standard of engineering for which the South African engineering profession has become well



known. It also becomes necessary for engineering practitioners to maintain and enhance their engineering knowledge and skills, on the standard of engineers who practice internationally in a formal structured way. In today's rapidly changing world it is no longer feasible to rely on your basic engineering studies coupled with a few years of practical training as it can not provide lifelong professional advice and services.

You need to regularly update your knowledge and to develop and refine their skills in order to remain competitive. This means undertaking on-going or Continuing Professional Development (CPD) in terms of Section 13(K) of the Engineering Profession Act 46 of 2000. In addition, Section 22(1) requires that a registered person has to renew his/her registration and has to apply in the prescribed manner to the Council for the renewal of his/her registration.



Q: WHAT DOES CONTINUING PROFESSIONAL DEVELOPMENT MEAN?

CPD is also a requirement for ECSA to maintain their international recognition with the various agreements.

ECSA's definition of CPD is widely recognised so as to not be overly prescriptive, yet remaining flexible enough to be relevant to all engineering practitioners at all stages of their careers.

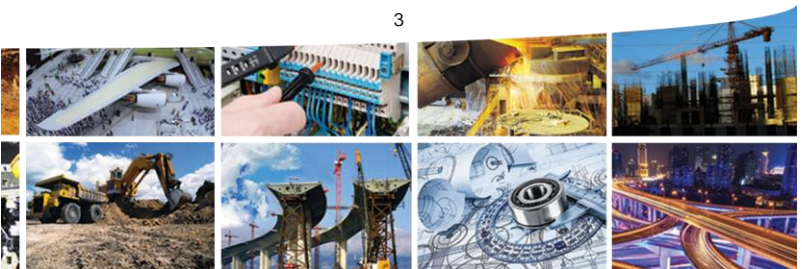
CPD refers to activities which:

- have a clear set of objectives;
- have a formal, organised structure;
- require active participation and most importantly;
- extend professional knowledge and skills.

For your convenience, the following guidelines on the types of compulsory activities that constitute Continuing Professional Development are given:

Category 1: Developmental Activities

Attendance of validated structured educational development activities such as industry related conferences, congresses, seminars, workshops, lectures, refresher training courses, colloquiums, E-learning programmes, relevant additional completed accredited qualifi at benchmark level or above and relevant additional qualifi (these are exceptional qualifi A completed post graduate qualifi Information on validated events can be downloaded from ECSA's website or from each of the Voluntary Associations' websites.



Q: WHAT DOES CONTINUING PROFESSIONAL DEVELOPMENT MEAN?

In every 5 year cycle, a total of at least 5 validated credits (50 hours) must have been accumulated for this category.

ECSA on application, will arrange to evaluate CPD activities attended by any individual in a foreign country that have been attended, provided full information including, duration, contact and level of the activity is supplied.

Category 2: Work-based Activities

- (a) Engineering work in a practitioner's field of practice. A maximum of two credits for 600 hours of work may be earned annually under this activity.
- (b) Mentoring of candidate engineering practitioners in the work place and providing career guidance. For a minimum of 50 hours of mentoring, a maximum of one credit can be accumulated.

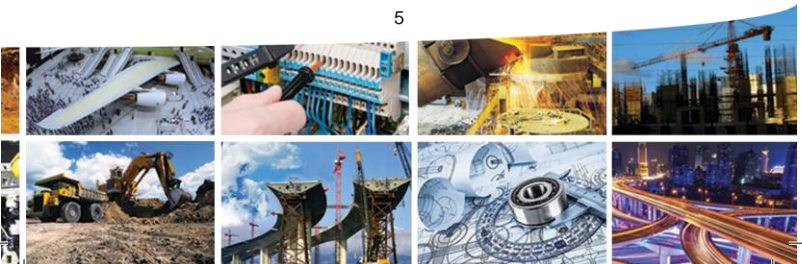
Category 3: Individual Activities

- (a) Membership of an ECSA recognised *Voluntary Association* will result in a maximum of one (1) credit per year.
- (b) Other activities include and will be credited as follows:
 - Part-time lecturing to undergraduate and postgraduate engineering students (1 credit per 10 hours of lecturing);



Q: WHAT DOES CONTINUING PROFESSIONAL DEVELOPMENT MEAN?

- Supervision of engineering students undertaking postgraduate studies (2 credits per annum);
- Supervision of oral examination of final year and postgraduate engineering students (1 credit per 10 hours of active involvement);
- Evaluation of engineering Masters dissertations and PhD theses as an external examiner (2 credits per annum);
- Evaluation of final year engineering student's by external examiners: one (1) credit per publication per author.
- Publication of engineering research papers in peer reviewed journals (single author: 2 credits per paper / multiple authors: 1 credit per paper per author);
- Publication of technical articles (1 credit per article);
- Papers presented at engineering conferences/ congresses or poster presentations (1 credit each);

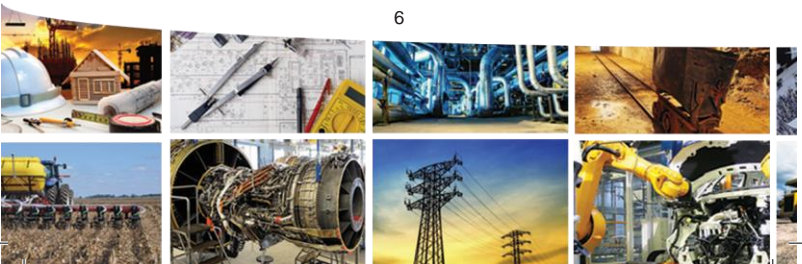


Q: WHAT DOES CONTINUING PROFESSIONAL DEVELOPMENT MEAN?

- Participation in statutory, professional, institutional, technical or non-technical committees or task-groups (1 credit per 10 hours of active participation);
- Evaluation of educational qualifications for ECSA's Committee: one(1) credit for every 10 notional hours of active involvement;
- Evaluation of educational qualifications for ECSA (1 credit for every 10 hours of active involvement);
- Evaluation of competence and applications for ECSA registration (1 credit for every 10 hours of active involvement);
- Self-study which includes, but is not restricted to studying of journals or computerised material (1 credit per 10 hours).

ECSA recognises that as an engineering practitioner, the decision on the type of professional development activities undertaken is yours.

However, ECSA also needs to ensure that its obligations to the public are met by setting minimum requirements for acceptable CPD.



Q: WHAT DOES ECSA REQUIRE FROM ME?

All engineering practitioners registered in a professional or specific category with ECSA should claim their CPD credits annually, using the online portal.



The Renewal of Registration forms are only due at the end of your 5 year cycle. ECSA will inform you when your renewal of registration is due. You will be notified at least 5 months prior to your renewal date.

Retired persons have reduced CPD requirements as stipulated in the CPD Rules.

Q: AS A CANDIDATE ENGINEER DO I NEED TO COMPLY WITH CONTINUING PROFESSIONAL DEVELOPMENT?

The CPD policy as such does not apply to candidates. However as a candidate you are required to continue learning through the process which is called Initial Professional Development (IPD) and this is required when applying for registration in order to meet Outcome 11: Undertaking of initial professional development activities sufficient to maintain and extend their competence.

Attending CPD courses for purposes of IPD also helps you to develop other competencies. The validation of IPD activities is not required for ECSA registration.



CPD POINT ALLOCATION

Cat.	Type of Activity	Points Requirement		
		Annual Min	Annual Max	5-year Min
1	Developmental Activities			
	<i>Including:</i>			5
	Conferences			
	Congresses			
	Large Group Workshops			
	Lectures			
	Seminars			
	Refresher Courses			
	Colloquiums			
	E-learning			
	Relevant additional qualifications at benchmark level and/or above ⁽¹⁾			
	Relevant additional qualifications: A completed postgraduate qualification ⁽³⁾			
2	Work-based Activities			
2 (a)	Engineering work (1 credit per 300 hours)		2	
2 (b)	Mentoring (1 credit per 50 hours)		1	
3	Individual Activities			
3 (a)	Membership of SA recognized Voluntary Association		1	
3 (b)	Part-time lecturing to undergraduate and postgraduate students	1c/10hrs		3
	Supervision of students undertaking postgraduate studies	2c pa		
	Supervision of oral examination of final year and postgraduate students	1c/10h		
	Evaluation of Masters dissertations and PhD theses by an external examiner	2c pa		
	Evaluation of final year engineering student's by external examiners	1c pa		
	Publication of research in peer reviewed journals Single Author Multiple Authors	2c/paper 1c/paper/ author		
	Publication of technical articles	1c/article		
	Papers presented at conferences or congresses/ poster presentations	1c/paper, poster		
	Participation in statutory, professional, institutional, technical or non-technical committees or task groups	1c/10h		
	Evaluation of educational programmes at Universities and Universities of Technology for accreditation purposes	1c/10h		
	Evaluation of educational qualifications for ECSA's Qualifications Examination Committees	1c/10h		
	Evaluation of competence and applications for registration for ECSA's Registration Committees and Professional Advisory Committees	1c/10h		
	Self-study which includes, but is not restricted to studying of journals or electronic or computerised materials ⁽²⁾	1c/10h		
	TOTAL		3⁽¹⁾	n/a
(1)	These credits must be spread across at least two of the three categories.			
(2)	All activities under this category must be verified			
(3)	Five points can be claimed, irrespective of the limits in force.			



CPD LINKS



A copy of the policy and rules on Continuing Professional Development and Renewal of Registration can be obtained using this link below.

<https://www.ecsa.co.za/cpd/SitePages/Rules%20and%20Policy%20on%20CPD.aspx>



The CPD recording system makes it possible for ECSA registered person to record their CPD activities against their own personalised profile.

<https://engineeringcouncilsa.microsoftcrmportals.com/>



A list of all the CPD accredited activities can be obtained from here.

<https://www.ecsacpd.co.za/CPDPreAccredAll.asp>



All the related forms are listed on this page.

<https://www.ecsa.co.za/cpd/SitePages/CPD%20Forms.aspx>





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