



**New Frontiers: An Overview of
IFPUG's New Software
Measurement Certification for
Individuals**

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SOFTWARE MEASUREMENT SPECIALIST CERTIFICATION PROGRAM

- **Designation**
 - **Certified Software Measurement Specialist (CSMS)**
- **Levels**
 - **1: Practitioner**
 - **2: Analyst**
 - **3: Consultant**

TARGET AUDIENCE FOR NEW CERTIFICATION

- **Individuals involved in managing or implementing a software measurement program**
- **Serves people who are involved in software measurement but not necessarily in the role of counting function points**

LEVELS OF CERTIFICATION

- **Multiple levels of progressive certification**
- **Higher levels would recognize increased levels of expertise, knowledge and contributions to the software measurement field**
- **Demonstration of knowledge, education and experience would be required at each level**

COMPONENTS OF CERTIFICATION

- **Exam**
 - **One-time**
- **Credits**
 - **Application with packet of evidence which will support credits earned in the applicable areas**

EXAM COMPONENT

- **Exam**
 - **Passing of a written exam that tests a candidate's knowledge of the principals and application of software measurements**
 - **The Body of Knowledge for the exam will be the revised Guidelines to Software Measurements**
 - **The passing of the exam is only required one-time**
 - **Exam must be passed prior to submitting application package**

CREDIT COMPONENT

- **Creditable activities will come from the following areas:**
 - **Work Experience**
 - **Education**
 - **Professional Participation**
 - **Teaching**
 - **Software Measurement Related Publishing**

CREDIT COMPONENT

- **Not all levels will require credits in all areas**
 - **However all levels must have credits from Work Experience and Education**
- **Credits will be retro active for 3 years from the time the individual submits their application with verification of all credits**

CREDITS AND LEVELS

Three levels of the CSMS are awarded to qualified candidates:

Category	Abbreviation	Maximum Credits
Work Experience	WE	400
Education	ED	250
Professional Participation	PP	150
Measurement Related Publishing	MP	100
Teaching	TE	100

The maximum number of credits by category is:

Level	Level Designation	Required Credits	Credits from Categories . . .
1	Practitioner	600	WE, ED, and at least one other
2	Analyst	750	WE, ED, and at least two others
3	Consultant	900	All five categories

OTHER ITEMS OF NOTE

- **The length of the certification designation is 3 years**
- **It is not necessary to progress through the levels**
 - **An individual might qualify for any level at any time**
 - **Can re-certify or apply for higher level before original certification expires**

OTHER ITEMS OF NOTE

You do not have to be able to count function points in order to obtain the certification!

CERTIFICATION COST

- **Initial application & exam fee**
 - **IFPUG MEMBER: \$250**
 - **NON-MEMBER: \$500**
- **Application to advance level fee**
 - **IFPUG MEMBER: \$100**
 - **NON-MEMBER: \$150**

GSM COST

- **Member**

- **Download:** **Free**

- **Disk:** **\$25**

- **Hard Copy** **\$50**

- **Non-member**

- **Download:** **Not Available**

- **Disk:** **\$50**

- **Hard Copy** **\$100**