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hardware, software, or system functional specifications;

- (2) The design, development, documentation, analysis, creation, testing, or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;
- (3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or
- (4) a combination of the aforementioned duties, the performance of which requires the same level of skills.
- (c) The exemption provided by \$541.3(a)(4) applies only to highlyskilled employees who have achieved a level of proficiency in the theoretical and practical application of a body of highly-specialized knowledge in computer systems analysis, programming, and software engineering, and does not include trainees or employees in entry level positions learning to become proficient in such areas or to employees in these computer-related occupations who have not attained a level of skill and expertise which allows them to work independently and generally without close supervision. The level of expertise and skill required to qualify for this exemption is generally attained through combinations of education and experience in the field. While such employees commonly have a bachelor's or higher degree, no particular academic degree is required for this exemption, nor are there any requirements for licensure or certification, as is required for the exemption for the learned professions.
- (d) The exemption does not include employees engaged in the operation of computers or in the manufacture, repair, or maintenance of computer hardware and related equipment. Employees whose work is highly dependent upon, or facilitated by, the use of computers and computer software programs, e.g., engineers, drafters, and others skilled in computer-aided design software like CAD/CAM, but who are not in computer systems analysis and programming occupations, are also excluded from this exemption.
- (e) Employees in computer software occupations within the scope of this exemption, as well as those employees

not within its scope, may also have managerial and administrative duties which may qualify the employees for exemption under §541.1 or §541.2 (see §§541.205(c)(7) and 541.207(c)(7) of this subpart).

[57 FR 46744, Oct. 9, 1992; 57 FR 47163, Oct. 14, 1992]

§541.304 Primary duty.

- (a) For a general explanation of the term "primary duty" see the discussion of this term under "executive" in §541.103. See also the discussion under "administrative" in §541.206.
- (b) The "primary duty" of an employee as a teacher must be that of activity in the field of teaching. Mere certification by the State, or employment in a school will not suffice to qualify an individual for exemption within the scope of §541.3(a)(3) if the individual is not in fact both employed engaged as a teacher $\S541.302(g)(2)$). The words "primary duty" have the effect of placing major emphasis on the character of the employee's job as a whole. Therefore, employment and engagement in the activity of imparting knowledge as a primary duty shall be determinative with respect to employment within the meaning of the exemption as "teacher" in conjunction with the other requirements of §541.3.

§ 541.305 Discretion and judgment.

- (a) Under §541.3 a professional employee must perform work which requires the consistent exercise of discretion and judgment in its performance.
- (b) A prime characteristic of professional work is the fact that the employee does apply his special knowledge or talents with discretion and judgment. Purely mechanical or routine work is not professional.

§ 541.306 Predominantly intellectual and varied.

(a) Section 541.3 requires that the employee be engaged in work predominantly intellectual and varied in character as opposed to routine mental, manual, mechanical, or physical work. This test applies to the type of thinking which must be performed by the employee in question. While a doctor may make 20 physical examinations in