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HENSEL, JOHN G., Distinguished Research Professor in Applied Physics (1990). University of Michigan, B.S.E., 1952, M.S., 1953, Ph.D., 1958

HIMELSTEIN, NATHAN, School of Industrial Management (1981). Rutgers University, B.A., 1959; Seton Hall University, M.B.A., 1968; Temple University, Ed.D., 1984.

HOFFMAN, CHRISTIAN, Civil and Environmental Engineering (1989). New Jersey Institute of Technology, B.S., 1961; M.S.C.E., 1964. HUTTER, ROBERT, Biomedical Engineering (1985). Syracuse University, B.A., 1950; State University of New York at Syracuse, M.D.,

IANO, JOSEPH R., Architecture (1988). Massachusetts Institute of Technology, B.S., 1983; University of Pennsylvania, M.Arch., 1987.

JEFFERSON, EVERARDO, Architecture (1984). Pratt Institute, Bachelors of Industrial Design, 1968; Yale University, M. Arch., 1973. JOLOLIAN, LEON, Computer and Information Science (1988). Manhattan College, B.E., 1980; Georgia Institute of Technology,

M.S.E.E., 1981; Polytechnic University, Ph.D., 1989.

JULIANO, THOMAS M., Mechanical Engineering (1979). Newark College of Engineering, B.S., 1967; M.S., 1970; D.Eng.Sc., 1979.* KIMMELMAN, BURT, Humanities (1988). State University of New York at Cortland, B.A., 1983; Hunter College, M.A., 1987; City University of New York, Ph.D., 1991.

KOHN, ERHARD, Applied Physics (1988). Technical University Aachen (W. Germany), B.Sc., 1968, M.Sc., 1970, Ph.D., 1975.

KRESS, ROBERT W., Civil and Environmental Engineering (1980). Yale University, B.S., 1961; M.S., 1964.*

KULESA, ANTHONY, Electrical Engineering (1986). New Jersey Institute of Technology, B.S.E.T., 1984; Stevens Institute of Technology, M.S., 1987.

KUSHWAHA, RAKESH, Computer and Information Science (1989). University of Delhi, B.E., 1986; New Jersey Institute of Technology, M.S., 1989.

LAI, MING-YEE, Computer and Information Science (1987). National Taiwan University, B.S.E.E., 1974; Harvard University, M.S., 1979; Ph.D., 1982.

LAXMINARAYAN, SWAMY, Biomedical Engineering (1985). University of Mysore, India, B.S., 1957; University of Southampton, England, Ph.D., 1966.

LEBDUSKA, JOHN, Architecture (1981). Pratt Institute, B.Arch., 1962.† LEIBOVITZ, HERB, School of Industrial Management (1990). Organizational and Social Sciences. Fairleigh Dickinson University, B.A., 1951; M.B.A., 1962.

LO, CHI-CHUN, Computer and Information Science (1989). National Central University, Taiwan, B.S., 1974; Memphis State University, M.S., 1978; Brooklyn Polytechnic University, Ph.D., 1987.

LORENTZEN, ROBERT R., Computer and Information Science (1982). Newark College of Engineering, B.S.E.E., 1961; M.S.E.E., 1965; New Jersey Institute of Technology, M.S.C.S., 1975; Fairleigh Dickinson University, M.B.A., 1978.

LUNDY, JOSEPH, Biomedical Engineering (1985). Cooper Union, B.M.E., 1950; New Jersey Institute of Technology, D.Sc., 1969.

MALAKIAN, KOURKEN, Computer and Information Science (1986). Haigazian College, Lebanon, B.A., 1972; American University of Beirut, M.A., 1975; University of Georgia, Ph.D., 1979.

MARCUS, ROBERT, Applied Physics (1988). University of Chicago, B.S., 1956, M.S., 1958; University of Michigan, Ph.D., 1962.

MARKO, THOMAS MICHAEL, Civil and Environmental Engineering (1983). Newark College of Engineering, B.S.C.E., 1974; New Jersey Institute of Technology, M.S.C.E., 1983.

MARKS, RONALD P., Industrial and Management Engineering (1983). New Jersey Institute of Technology, B.S.I.E., 1965; Northeastern University, M.S.E.M., 1977.

MARSHALL, MARY, Humanities (1989). Howard University, B.A., 1968; New York University, M.A., 1971.

MASKARA, ARUN KUMAR, Computer and Information Science (1987). Birla Institute of Technology, B.S., 1985; New Jersey Institute of Technology, M.S., 1987.

McCLEARY, PETER, Architecture (1987). University of Glasgow, B.S., 1961; University of Pennsylvania, M.A., 1971.

McELROY, JOHN, Civil and Environmental Engineering (1989). Drexel University, B.S., 1976; M.S., 1979; Ph.D., 1984.

McGRATH, BRIAN, Architecture (1986). Syracuse University, B. Arch., 1979; Princeton University, M. Arch., 1981.†

McGRATH, THOMAS, Surveying Engineering Technology (1990). Empire State University, B.S.L.S., 1978.

MESSER, HAGIT, Visiting Professor of Electrical Engineering (1992). Tel Aviv University, B.Sc., 1977; M.Sc., 1979; Ph.D., 1984.

MICHAILIDIS, LAZARUS, Organizational and Social Sciences (1986). Athens School of Economics and Business (Greece), B.A., 1967; Purdue University, M.A., 1970; York University of Toronto, M.A., 1972; State University of New York at Buffalo, Ph.D., 1980.

MILANO, GERALDINE B., Mechanical and Industrial Engineering, Director of Engineering Graphics (1985). Newark College of Engineering, B.S.M.E., 1972; New Jersey Institute of Technology, M.S.M.E. 1978.*

MORES, ROBERT, Industrial and Management Engineering (1982). New Jersey Institute of Technology, B.S.I.A., 1979; M.S., 1981. MOSHENBERG, DAVID, Electrical Engineering (1984). Singalovsk: Technical College, B.S.E.E., 1984; M.S.E.E., 1985.

MOSHOS, ANGELO, Computer and Information Science (1985). City College of the City University of New York, B.S., 1978; Syracuse University, M.S. 1981.

MULVANEY, JAMES M., Industrial and Management Engineering (1977). Seton Hall University, B.A., 1969; J.S., 1975.

NATELSON, BENJAMIN, Biomedical Engineering (1985). University of Pennsylvania, B.A., 1963; M.D., 1967.

NUFRIO, PHILIP M., School of Industrial Management (1990). Organizational and Social Sciences (1985). Rutgers University, B.A., 1973; Syracuse University, M.A., 1974.

OSOLINIEC, EDWARD, Electrical Engineering Technology (1984). New Jersey Institute of Technology, B.S.E.E., 1978; University of California, M.S.E.E., 1979.*

State University, Ph.D. 1971.

OSTUNI, LAWRENCE J., Industrial and Management Engineering (1975). Polytechnic Institute of Brooklyn, B.Ch.E., 1957; M.S.I.E., 1969. PANAYIRCI, ERDAL, Visiting Professor of Electrical Engineering (1990). Istanbul Technical University, B.S. 1964, M.S., 1965; Michigan

PARDI, NINA, Humanities (1989). Bucknell University, A.B., 1961; Kean College, M.A., 1986.

PARIS, JEROME M., Humanities (1982) and Director of ESL Program. Reed College, B.A., 1964; Johns Hopkins University, M.A., 1965; Cornell University, Ph.D., 1972; Teachers College, Columbia University, M.A., 1979.

PASCHEDAG, ALLAN E., Mechanical Engineering (1977). New Jersey Institute of Technology, B.S., 1975; M.S., 1978.

PIETRUCHA, BERNARD, Electrical Engineering (1986). New Jersey Institute of Technology, B.S.E.E., 1967; M.S.E.E., 1973; Rutgers University, Ph.D., 1985.

PISTACCHIO, JOHN, Electrical Engineering (1983). New Jersey Institute of Technology, B.S., 1981; M.S., 1985.

PRABHAKAR, N.D., Computer and Information Science (1985). Indian Statistical Institute, India, B.S., 1965; M.S., 1966; Ph.D., 1972; Wayne State University, Ph.D.

PRANTIS, NINA, Architecture (1986). Pratt Institute, B.F.A., 1976. PULHAMUS, AARON, School of Industrial Management (1990). Organizational and Social Sciences (1985). West Virginia Wesleyan College, B.A., 1960; New York University, M.A., 1962; Rutgers University, M.P.A., 1977; Rutgers University, Ed.D., 1984.

PUSILLO, ANTHONY J., Jr., Industrial and Management Engineering (1982). Newark College of Engineering, B.S.I.E., 1975; M.S.E.M., 1977; Rutgers University, M.B.A., 1982.

REISZ, PETER, Industrial and Management Engineering (1975). Northeastern University, B.S.E.E., 1960; Fairleigh Dickinson University, M.B.A., 1972.*

RHA, PETER, Electrical Engineering (1988). Rutgers University, B.S., 1979; University of Utah, M.S., 1982; Eng. Sc. D., 1984; Ph.D., 1985. RITTENHOUSE, MICHELE, Humanities (1984). University of Mississippi, B.A., 1972.

RITTER, ARTHUR, Biomedical Engineering (1981). CUNY, B.S., Chemical Engineering, 1961; University of Rochester, M.S., 1968, Ph.D., Chemical Engineering, 1970.

ROMAN, HARRY, Industrial and Management Engineering (1985). New Jersey Institute of Technology, B.S.E.E., 1970; M.S.En.E., 1974.

RUSH, BENJAMIN, Biomedical Engineering (1985). University of California, Berkeley, B.A., 1944; Yale University, Medical School, M.D., 1948.

SACHDEV, PURUSHOTTAM L., Mathematics (1989). Punjab University, B.A., 1957; Agra University, M.A., 1962; Indian Institute of Science, Ph.D., 1967.

SANN, ROBERT I., Mechanical Engineering (1984). The City College of New York, B.M.E., 1952; New York University, M.S., 1956; Ph.D.,

SARKAR, SAMIR K., Mechanical Engineering (1980). Punjab University, B.S.M.E., 1960; Indian Institute of Science, M.Eng., 1963; New York University, M.Eng., M.E., 1966; M.Eng. Nuc.E., 1975.

SEGAL, MARK, E., Computer and Information Science (1989). University of Michigan, B.S., 1985, M.S., 1986, Ph.D., 1989.

SELLITTO, BENJAMIN F., Jr., Organizational and Social Sciences (1976). Newark College of Engineering, B.S., 1974.

SIMON, MATTHEW, Computer and Information Science (1982). City College of New York, M.S., 1968; Polytechnic Institute of New York, M.S.C.S., 1978.

SIMON, MICHAEL S., Industrial and Management Engineering. Rensselaer Polytechnic Institute, B.S., 1963; University of Maryland,

SLOWINSKI, EUGENE J., School of Industrial Management (1988). Georgetown University, B.S., 1975; Montclair State College, M.A., 1980; Rutgers University, M.B.A., 1981.

SPIKER, DAVID, Architecture (1985). Pratt Institute, B. Arch., 1969; Yale University, M. Arch., 1978.†

STANTON, GEORGE B., Jr., Industrial and Management Engineering. Polytechnic Institute of Brooklyn, B.Ch.E., 1945; M.Ch.E., 1948; New York University, M.B.A., 1975.

STEINBERG, HARVEY, School of Industrial Management (1982). City University of New York, B.A., 1954; Brooklyn Law School, J.D., 1958. SUN, BEN, Electrical Engineering (1985). Ohio State University, Ph.D., 1983.

SUN, CHENG B., Computer and Information Science (1985). National Chiao-Tung University, Taiwan, B.S., 1977; Ohio State University, M.S., 1981; Ph.D., 1983.

SURJANHATA, HERLI, Mechanical Engineering (1988). Trisakti University, Eng. Degree, 1976; New Jersey Institute of Technology, M.S., 1984.

SZE, SIMON, Adjunct Distinguished Professor of Electrical and Computer Engineering and Applied Physics (1990). National Taiwan University, B.S.E.E., 1957; University of Washington, M.S.E.E., 1960; Stanford University, Ph.D., 1963.

THOMPSON, JOSEPH F., Social Science and Policy Studies (1979). Loyola University, B.A., 1971; Middlebury College, M.A., 1972. TRAVISANO, FRED, Architecture (1981). Cooper Union, B. Arch., 1967.†

TSAI, WANG CHUAN, Computer and Information Science (1985).

National Chiao-Tung University (Taiwan), B.S., 1976; M.S., 1978; University of Illinois at Urbana-Champaign, Ph.D., 1982.

TUMPOSKY, DANIEL, Humanities (1989). Syracuse University, B.A., 1965, M.A., 1967.

TUTTLE, MARION R., Industrial and Management Engineering (1972). Ladycliff College, B.A., 1960; St. John's University, J.D., 1964.

VIVIANI, ALBERT S., Industrial and Management Engineering (1976); Rutgers University, B.A., 1968; Stevens Institute of Technology, M.S., 1971; Newark College of Engineering, M.S.I.E., 1975.

VOGT, WILLIAM, Electrical and Computer Engineering Technology (1981). Newark College of Engineering, B.S., 1968; Stevens Institute of Technology, M.S., 1977.

WARREN, STEVEN J., School of Industrial Management (1983). City College of New York, B.B.A., 1950; M.B.A., 1952.

WEISS, JULIAN, Architecture (1982). Pennsylvania State University, B. Arch., 1963; Columbia University, M. Arch., M.U.D., 1980.

WEISSMAN, WILLIAM K., Adjunct Research Professor (1972) Dartmouth College, A.B., 1950; Jefferson Medical College, M.D., 1956. WERDER, WALTER, Industrial and Management Engineering (1976).

Rutgers University, B.S.C.E., 1949; Stevens Institute of Technology, M.S., 1953.

WIGGINS, JOHN A., Civil and Environmental Engineering (1989). New Jersey Institute of Technology, B.S., 1973; M.S.C.E., 1981; Seton Hall School of Law, J.D., 1980.*

WOOD, TIMOTHY, Architecture (1987). Cornell University, B.Arch., 1966: Princeton University, M.F.A., 1969.†

WOODRIDGE, W.J., Jr., Architecture (1986). Cornell University, B.Arch., 1987.†

WORRELL, MALCOLM L., School of Industrial Management (1990). Centenary College, B.S., 1957; Michigan State University, M.B.A.,

YAHALOM, ANITA, Humanities (1989). University of Arizona, B.S., 1972; Rutgers University, M.Ed., 1983.

YEH, H.T., Computer and Information Science (1989). National Taiwan University, B.S., 1960; University of Illinois, M.S., 1964, Ph.D., 1967.

YOUNG, ROGER A., Computer and Information Science (1981). Case Institute of Technology, B.S., 1970; New Jersey Institute of Technology, M.S., Computer Science, 1980.

ZOLDOS, JOHN, Architecture (1976). Rutgers University, B.C.E., 1948.

Emeritus Faculty

ANDERSON, ROBERT E., Professor of Electrical Engineering (1949). Newark College of Engineering, B.S., 1939; University of New Hampshire, M.S., 1948.

AYOUB, HENRY R., Associate Professor of Electrical Engineering (1957). Alexandria University, B.S.E.E., 1947; B.S.M.E., 1948; Newark College of Engineering, M.S.E.E., 1959.

BARKAN, HERBERT, Professor of Mathematics (1946). Brooklyn College, B.A., 1944; Columbia University, M.A., 1945.

BERTSCH, CARL V., Professor of Physics (1946). University of Michigan, B.S., 1928; M.S., 1931; Ph.D., 1937.

BISHOP, JOHN A., Professor of Chemistry (1947). Haverford College, B.S., 1929; New York University, M.S., 1931.

BRANIN, M. LELYN, Professor of Chemistry, and Chair of the Department (1946). Purdue University, B.S., 1923; Columbia University, A.M., 1930; University of Michigan, M.S., 1933; Ph.D., 1934. BROWER, WILLIAM D., Associate Professor of Mathematics (1960). St. Peter's College, B.S., 1951; Columbia University, M.A., 1956.

CAMP, JAMES E., Professor of English (1963). Louisiana State University, B.A., 1949; Columbia University, M.A., 1952; University of Michigan, Ph.D., 1965.

CARLSON, CARL W., Professor of Chemistry (1947). Northland College, B.A., 1929; University of Chicago, M.S., 1936; Michigan State University, Ph.D., 1946.

CARLUCCIO, JOSEPH, Associate Professor of Electrical Engineering (1957). Newark College of Engineering, B.S., 1946; M.S., 1952.

CHOW, CHUNG-WEI, Associate Professor of Electrical Engineering (1962). Chiao-Tung University, B.S., 1947; Oregon State College, M.S.,

CRATER, WARREN H., Professor of English and Philosophy (1946). Lafayette College, A.B., 1942; Columbia University, M.A., 1946; Drew University, B.D., 1959.

DEUTSCHMAN, AARON D., Professor of Mechanical Engineering (1963). Polytechnic Institute of Brooklyn, B.M.E., 1943; M.M.E., 1947; New York University, M.S., 1968.*

DIMATTEO, JOHN E., Associate Professor of Mechanical Engineering (1966). Cooper Union, B.S., 1931; Stevens Institute of Technology. M.S., 1950.*

DUURSEMA, CHARLES H., Associate Professor of Physics (1946). Newark College of Engineering, B.S., 1933; Montclair State College, M.S., 1936.

ESTRIN, HERMAN A., Professor of English (1946). Drew University, B.A., 1937; Columbia University, M.A., 1942; Ed.D., 1954.

FLATOW, PAUL, Associate Professor of Mathematics (1963). Columbia University, B.S.E.E., 1947; M.S., 1951

FOSTER, ACHILLES E., Professor of Mathematics (1951). University of Tennessee, B.S., 1943; M.A., 1944; University of Kentucky, Ph.D., 1951.

GOLDEN, ROBERT G., Associate Professor of Engineering Graphics (1959). Little Rock College, A.B., 1951; Newark College of Engineering, B.S., 1956; Seton Hall University, A.M., 1962; New Brunswick Theological Seminary, M.Div., 1973.*

GOLDSTEIN, IRVING R., Professor of Management Engineering (1947). Newark College of Engineering, B.S., 1939; Stevens Institute of Technology, M.S., 1947.*

GRANIK, GERALD, Professor of Applied Mathematics (1952). Newark College of Engineering, B.S., 1950; M.S., 1954; Stevens Institute of Technology, M.S., 1958; Sc.D., 1965.*

HAUSSER, PAUL C., Professor of Physical Education (1952). Panzer College, B.S., 1950; Columbia University, Cert. in Physical Therapy, 1951; M.A., 1954; Professional Diploma, 1955. New Jersey Licensed Physical Therapist.

HAZELL, WILLIAM, JR., President of New Jersey Institute of Technology (1933). Newark College of Engineering, B.S.E.E., 1930; M.Eng.Ed., 1960; Jersey City State College, Dr. of Letters, 1963.* HSIEH, JUI S., Professor of Mechanical Engineering (1960). Wuhan University, B.E., 1943; University of Kentucky, M.S., 1950; Ohio State University, Ph.D., 1955.*

JAFFE, WILLIAM J., Distinguished Professor of Industrial Engineering (1946). New York University, B.S., 1930; Columbia University, M.A., 1931; M.S., 1941; New York University, Engr.Sc.D., 1953.*

JOFFE, JOSEPH, Distinguished Professor of Chemical Engineering and Chairperson of the Department (1932). Columbia University, A.B., 1929; B.S., 1930; M.A., 1931; Ph.D., 1933.*

JOHNSON, CLARENCE S., Associate Professor of English (1956). Montclair State College, B.A., 1949; M.A., 1951; Rutgers University, Ed.D., 1966.

KARSTEN, HENRY, Assistant Professor of Engineering Drawing (1956). New York University, B.S., 1929; M.A., 1933.

KEABLES, NELSON C., Associate Professor of English (1945). Middlebury College, A.B., 1938; New York State College, M.A., 1939. KIEHL, ROBERT E., Professor of Personnel Relations, and Chair of the Department (1946). Columbia University, B.A., 1932; Teachers College, M.A., 1947; Rutgers University, Ed.D., 1957.

KINGERY, BERNARD, Associate Professor of Physics (1952). Georgia Southern University, B.S., 1948; Columbia University, M.S., 1949.

KONOVE, CARL, Professor of Mathematics (1937) and Associate Chairperson of the Department. Newark College of Engineering, B.S.Ch.E., 1937; Montclair State College, M.A., 1941.

KREPS, SAUL I., Professor of Chemical Engineering (1949). City College of New York, B.S., 1937; University of Illinois, M.S., 1938; University of Pennsylvania, Ph.D., 1941; Polytechnic Institute of Brooklyn, B.Ch.E., 1948.

KUHARETZ, BORIS, Associate Professor of Physics (1959). Columbia University, B.S., 1951; M.S., 1961; Stevens Institute of Technology, Ph.D., 1980.

LaLONDE, WILLIAM S., JR., Distinguished Professor of Civil Engineering, and Chair of the Department (1929). Massachusetts Institute of Technology, B.S., 1923; University of Michigan, M.S., 1938 *

LANDSMAN, LEON D., Associate Professor of Physics (1958). Columbia University, B.A., 1951; M.A., 1956.

LAVERDA, MICHAEL J., Associate Professor of Economics (1956). Upsala College, B.B.A., 1952; Rutgers University, M.B.A., 1954.

LEHMAN, FREDERICK G., Distinguished Professor of Civil Engineering (1947). City University of New York, B.C.E., 1938; Massachusetts Institute of Technology, S.M., 1939; Sc.D., 1960.*

LIONE, MICHAEL, Associate Professor of Mathematics (1954). University of Newark, B.A., 1942; United States Air Force, Certificate in Meteorological Engineering (N.Y.U.), 1943; New York University, M.S., 1950.

LUBIN, JAMES L., Associate Professor of Industrial Relations (1948). Montclair State College, B.S., 1948; M.A., 1950.

MAINARDI, POMPEY, Professor of Mathematics, and Associate Chair of the Department (1935). Newark College of Engineering, B.S., 1933; Montclair State College, M.A., 1943.*

MANGASARIAN, RICHARD D., Professor of Civil Engineering (1946). City College of New York, B.S.E., 1935; M.C.E., 1937.*

MANGNALL, DAVID H., Registrar (1946). Newark College of Engineering, B.S.M.E., 1942; Stevens Institute of Technology, M.S., 1949.*

McCORMICK, JOHN E., Professor of Chemical Engineering (1962), and Associate Chairperson of the Department of Chemical Engineering, Chemistry, and Environmental Science. Iowa State University, B.Sc., 1948; University of Cincinnati, Ph.D., 1957.

McMILLAN, ROBERT, Associate Professor of Electrical Engineering (1964). Louisiana State University, B.S., 1942; California Institute of Technology, M.S., 1950; Newark College of Engineering, Ph.D., 1970.* MEOLA, ROBERT R., Professor of Electrical Engineering (1947).

Newark College of Engineering, B.S., 1946; Stevens Institute of Technology, M.S., 1949.*

MIHALASKY, JOHN, Professor of Industrial Engineering (1956) and Acting Chairperson of the Department of Industrial and Management Engineering, Newark College of Engineering, B.S.M.E., 1951; M.S., 1954; Rutgers University, M.B.A., 1956; New York University, M.I.E., 1960; Columbia University, Ed.D., 1973.

MILLER, EDWARD, Professor of Mechanical Engineering (1948), and Dean of Newark College of Engineering (1981). Newark College of Engineering, B.S., 1948; University of Delaware, M.M.E., 1949; Columbia University, M.A., 1951; Stevens Institute of Technology, M.S., 1952; New York University, M.Aero.E., 1959.

MISRA, RAJ, Professor of Electrical Engineering and Reliability (1962), Assistant Vice-President for Academic Affairs (Evening Division) and Director of the Center for Reliability Research, Massachussetts Institute of Technology, B.S., 1941; Cornell University, M.S., 1945; Ph.D., 1955. MONACK, ALBERT J., Professor of Applied Mechanics (1954). West Virginia University, B.A., 1927; University of Illinois, M.S., 1929; New

York University, Ph.D., 1962. MONAHAN, EDWARD J., Professor of Civil Engineering (1958). Newark College of Engineering, B.S.C.E., 1958; M.S.C.E., 1961; Oklahoma State University, Ph.D., 1968.

MOSHOS, GEORGE J., Professor of Computer and Information Science (1968). University of Michigan, B.S., 1949; M.S., 1949; Case Institute of Technology, Ph.D., 1965.

NAPIER, JAMES J., Professor of English (1955). University of Pennsylvania, A.B., 1949; A.M., 1950; Ph.D., 1959.

PADALINO, JOSEPH J., Professor of Electrical Engineering (1947). Newark College of Engineering, B.S., 1944; University of Pennsylvania, M.S., 1947; Brooklyn Polytechnic Institute, Ph.D., 1963.

PATTINSON, JOHN P., Professor of English (1965). Cambridge University, B.A., 1947; M.A., 1949; New York University, Ph.D., 1968.

PAWEL, HANS E., Professor of Mechanical Engineering (1964). Newark College of Engineering, B.S., 1956; M.S., 1966; Rutgers University, Ph.D., 1974.

PECK, CHARLES F., Jr., Professor of Civil and Environmental Engineering (1970). Massachussetts Institute of Technology, S.B., 1941; S.M., 1943; Sc.D., 1947.*

POLANER, JEROME L., Professor of Mechanical Engineering (1938). Newark College of Engineering, B.S., 1938; Stevens Institute of Technology, M.S., 1951.

RAMBERG, EIVIND G.F., Distinguished Professor of Civil Engineering and Acting Vice President for Business Affairs (1942). Polytechnic Institute of Brooklyn, B.C.E., 1937; M.C.E., 1941.

RAUSEN, JOHN, Associate Professor of Mathematics (1966). City College of New York, B.Ch.E., 1944; Columbia University, M.A., 1948; Ph.D., 1966.

REFF, ISRAEL, Professor of Physics (1954). Cooper Union, B.S.Ch.E., 1938; Indiana University, A.M., 1951; Ph.D., 1953.

RICH, JOSEPH A., JR., Professor of Management Engineering (1941). Rutgers University, B.S., 1941; M.S., 1948; D.Jur., 1952. Licensed Attorney, New Jersey Bar and Federal Bar.

RIGASSIO, JAMES L., Professor of Industrial Engineering (1958). Newark College of Engineering, B.S., 1948; Yale University, M.Eng., 1949.

RIPS, ERVINE M., Electrical Engineering (1958). Massachusetts Institute of Technology, B.S., 1942; Carnegie Institute of Technology, M.S., 1947.

ROSE, ROBERT H. II, Associate Professor of Electrical Engineering (1947). Newark College of Engineering, B.S., 1944; Stevens Institute of Technology, M.S., 1966.

RUSSELL, FREDERICK ARTHUR, Distinguished Professor of Electrical Engineering and Special Assistant to the President for Institutional Research (1937). Newark College of Engineering, B.S., 1937; Stevens Institute of Technology, M.S., 1941; Columbia University, D.Engr.Sc., 1953.*

SAGURTON, JAMES, Professor of Physics (1946). Seton Hall University, B.S., 1942; Columbia University, M.S., 1945; Institute of St. Thomas, Ph.D., 1958.

SALAMON, ROBERT G., Professor of Engineering Graphics (1947). Newark College of Engineering, B.S., 1945; Stevens Institute of Technology, M.S., 1948.*

SALAMONE, JEROME J., Professor of Chemical Engineering (1948). City College of New York, B.Ch.E., 1942; New York University, M.Ch.E., 1947; Engr. Sc. D., 1954.*

SHUKAR, ARTHUR, Associate Professor of Physics (1958). Newark College of Engineering, B.S., 1958; M.S., 1959.

STAMPER, EUGENE, Professor of Mechanical Engineering (1952). City College of New York, B.M.E., 1948; New York University, M.M.E., 1952.*

SMITH, H. HUNTER, Professor of Physics (1956). Davidson College, B.S., 1926; North Carolina State College, M.S., 1930.

SMITHBERG, EUGENE H., Professor of Mechanical Engineering and Dean of the Graduate Division (1950). College of the City of New York, B.M.E., 1943; Polytechnic Institute of Brooklyn, M.M.E., 1949; New York University, D.Eng.Sc., 1961.

STEINBERG, ABRAHAM H., Professor of English (1955). Brooklyn College, B.A., 1937; Columbia University, Ph.D., 1955.

STEPHANS, CLARENCE H., Professor in Industrial Relations, Director of Relations with Industry, Director of Continuing Education Engineering Studies (1932). Newark College of Engineering, B.S., 1932.*

SUCHOW, LAWRENCE, Professor of Chemistry (1964). City College of New York, B.S., 1943; Polytechnic Institute of Brooklyn, Ph.D., 1951.

SWANSON, ROBERT F., Professor of Physical Education and Director of Physical Education and Athletics (1948). Panzer College, B.S., 1947; Rutgers University, M.Ed., 1962.

THOM, GEORGE B., Professor of Mechanical Engineering and Chairperson of the Department (1949). Lehigh University, M.E., 1920; M.S., 1932; M.A., 1935.*

THOMAS, STAN S., Associate Professor of Industrial Engineering (1971). University of Akron, B.S.M.E., 1950; Cornell University, M.S., 1955; Purdue University, Ph.D., 1967.*

WACKER, ROBERT L., Associate Professor of English (1954). Northwestern University, B.A., 1947; Columbia University, M.A., 1948. WELLER, MONROE R., Associate Professor of Physics (1946). Upsala College, B.A., 1935; Montclair State College, M.A., 1937.

WENISCH, WERNER J., Associate Professor of Chemistry (1963). Massachusetts Institute of Technology, B.S., 1943; New York University, M.S., 1949; Ph.D., 1955.

WINTERS, STANLEY B., Distinguished Professor of History (1957). New York University, A.B., 1948; Columbia University, A.M., 1950; Rutgers University, Ph.D., 1966.

WISE, JAMES N., Associate Professor of English (1955). College of Wooster, B.A., 1941; Columbia University, M.A., 1948.

WITTES, LEO, Assistant Professor of Applied Mechanics (1953). Rutgers University, B.S., 1928; University of Maryland, M.S., 1931. WORKMAN, SAMUEL, Distinguished Professor of English, and Chair of the Department of Humanities (1961). Kenyon College, B.A., 1926; Ohio State University, M.A., 1927; Princeton University, Ph.D., 1935.

ZAMBUTO, MAURO H., Distinguished Professor of Electrical Engineering (1962). University of Rome and Padua (Italy), Ph.D., 1944. ZATZKIS, HENRY, Distinguished Professor of Mathematics (1953). Ohio State University, B.S., 1942; Indiana University, M.S., 1944; Syracuse University, Ph.D., 1950.

Academic Calendar 1991-1993

During the academic year, most offices are open between the hours of 8:30 a.m. and 4:30 p.m., Monday through Friday. For the convenience of students, many offices, including the Registrar's Office, Finance Office, Dean of Students Office, Hazell Center and Counseling Center are open some evening hours. During the summer, most offices are open between 9 a.m. and 4 p.m., Monday through Friday, and some evening hours. Evening hours vary, so students should call before visiting.

FALL SEMESTER 1991

Deadline for applying for October graduation First day of classes Last day to add a course Last day for a refund Deadline for applying for January commencement ceremony Last day to withdraw from course(s) Deadline for applying for May commencement ceremony Classes follow a Thursday schedule Classes follow a Friday schedule Thanksgiving recess (no classes scheduled) Last day of classes Reading day Final exam period

Last day of Saturday classes Fall grades due in Registrar's Office at 9 a.m.

SPRING SEMESTER 1992

Martin Luther King's Birthday (university closed) First day of classes Last day to add a course Last day for a partial refund Spring Recess (university open, no classes scheduled) Last day to withdraw from course(s) Good Friday (no classes scheduled) Classes follow a Friday schedule Last day of classes Reading day Final exam period Spring grades due in Registrar's Office at 9 a.m. Commencement First day of summer session

FALL SEMESTER 1992

First day of classes Labor Day (no classes scheduled) Last day to add a course Deadline for applying for October graduation Last day for a refund Deadline for applying for January commencement ceremony Last day to withdraw from course(s) Deadline for applying for May commencement ceremony Classes follow a Thursday schedule Classes follow a Friday schedule Thanksgiving recess (no classes scheduled)

Last day of classes Reading day Final exam period Last day of Saturday classes Fall grades due in Registrar's Office at Thursday, August 15 Tuesday, September 3 Tuesday, September 10 Monday, October 7

Tuesday, October 15 Tuesday, November 5

Friday, November 15 Tuesday, November 26 Wednesday, November 27 Thursday-Sunday, November 28-December 1 Wednesday, December 11 Thursday, December 12 Friday-Saturday, December 13-21 Saturday, December 14

Thursday, January 2

Monday, January 20 Tuesday, January 21 Tuesday, January 28 Tuesday, February 25

Sunday-Sunday, March 15-22 Monday, March 30 Friday, April 17 Tuesday, April 28 Tuesday, May 5 Wednesday, May 6 Thursday-Thursday, May 7-14

Friday, May 15 Friday, May 22 Tuesday, May 26

Tuesday, September 1 Monday, September 7 Tuesday, September 8

Tuesday, September 15 Tuesday, October 6

Thursday, October 15 Tuesday, November 3

Monday, November 16 Tuesday, November 24 Wednesday, November 25

Thursday-Sunday, November 26-30 Wednesday, December 9 Thursday, December 10 Friday-Friday, December 11-18 Saturday, December 12

Van Houten Library

Monday, January 4

SPRING SEMESTER 1993

Martin Luther King's Birthday (university closed) First day of classes Last day to add a course Last day for a partial refund Spring recess (university open, no classes scheduled) Last day to withdraw from course(s) Good Friday (no classes scheduled) Classes follow a Friday schedule Last day of classes Reading day Final exam period Spring grades due in Registrar's Office at 9 a.m. Commencement First day of summer session

Monday, January 18 Tuesday, January 19 Monday, January 25 Tuesday, February 23

Sunday-Sunday, March 14-21 Monday, March 30 Friday, April 9 Tuesday, April 27 Tuesday, May 4 Wednesday, May 5 Thursday-Thursday, May 6-13

Friday, May 14 Friday, May 21 Tuesday, June 1

Campus Directory

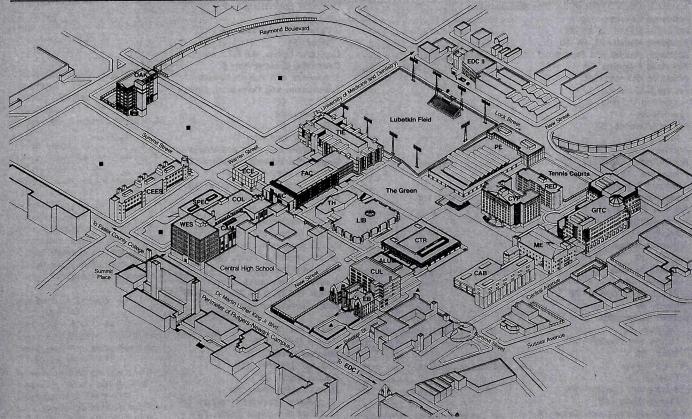
University Mailing Address: New Jersey Institute of Technology University Heights
Newark, New Jersey 07102
University Telephone Number: (201) 596-3000

In NJ: 1 (800) 222-NJIT

Main Offices Extension Admissions: Undergraduate 3300 Graduate 3460 Alumni Affairs 3148 Bursar Campus Center 3605 Career Development Services 3100 Center for Manufacturing Systems (CMS) 3185 Chemical Engineering, Chemistry and Environmental 3568 Science, Department of 2444 Civil and Environmental Engineering, Department of College of Science and Liberal Arts, Dean 3677 Computer Engineering Program 3503 3366 Computer and Information Science, Department of 3060 Continuing Education **Economic Development** 3030 Educational Opportunity Program
Electrical and Computer Engineering, Department of 3690 3512 **Employment** 3140 Engineering Science Program 3584 3224 Engineering Technology, Department of Financial Aid 3479 Hazardous Substance Management Research Center (HSMRC) 3233 Honors Program 5780 Industrial and Management Engineering Division 3660 Manufacturing Engineering Program Mathematics, Department of 3185 5782 Mechanical and Industrial Engineering, Department of 3331 Newark College of Engineering, Dean 3222 Physical Education and Athletics 3636 Physics, Department of 3562 Public Safety 3111 Registrar Residence Life 3039 School of Architecture, Dean 3080 School of Industrial Management, Dean 3248 Science, Technology and Society Program Social Science and Policy Studies, Department of 3291 3345 Sponsored Programs Student Services 3428 3466 University Administration 3101 University Advancement 3400

CAM

Map of the NJIT Campus



TRAVEL DIRECTIONS TO NEW JERSEY INSTITUTE OF TECHNOLOGY

New Jersey Institute of Technology may be reached via the Garden State Parkway and New Jersey Turnpike from north and south, and via Interstate Route 280 from east and west.

Garden State Parkway: Take exit 145 to Route 280 East, then follow Route 280 Eastbound directions below.

New Jersey Turnpike: Take exit 15W to Route 280, then follow 280 Westbound directions below.

Route 280 Eastbound: Take Exit 16 (Harrison/Newark) to second traffic light. Make right on Harrison Avenue. Go over the bridge to second light and turn left on Broad Street. Proceed one block and turn right on Washington Place. Go one block and turn left on Halsey Street. Go one block and turn right on Central Avenue. Go through three traffic lights, then make next left on Summit Street to arrive at the NJIT campus.

NJIT campus.

Route 280 Westbound: Take
Exit 15 (Belleville/Newark),
going straight down ramp to
light. Make left on Broad Street.
Go five blocks, passing small
park on your right, and turn

right on Washington Place. Go one block and turn left on Halsey Street. Go one block and turn right on Central Avenue. Go through three traffic lights, then make left on Summit Street to arrive at the NJIT campus.

Routes 1, 9 and 22: Take exit marked Newark which leads to McCarter Highway (Route 21). Travel through city and turn left onto Raymond Boulevard. Campus begins at the end of the boulevard.

New York Thruway: New York Thruway Exit 14A connects directly to the Garden State Parkway. Then follow the Parkway directions above.

George Washington Bridge: Follow New Jersey Turnpike South to Exit 15W onto Route 280 West. Then follow Route 280 directions Westbound above.

Lincoln Tunnel: Proceed westbound on Route 3 to New Jersey Turnpike. Follow Turnpike south to Exit 15W onto Route 280 West. Then follow Route 280 Westbound directions above. Holland Tunnel: Follow signs to New Jersey Turnpike, and take Turnpike North to Exit 15W onto Route 280. Then follow Route 280 Westbound directions above.

Visitor Parking at the NJIT campus is controlled from a security station at the corner of Summit and Bleeker Streets. Visitor parking must be reserved in advance through your host. Other parking is available on campus during weekend activities and special events.

OTHER TRANSPORTATION SYSTEMS

From Newark International Airport: A minibus (Newark Airlink) connects the airport with Newark's Pennsylvania Railroad Station. Bus, subway and taxi connections may be obtained at the station.

Broad Street Station: Newark stop for Morris & Essex line. Taxi service only.

Newark Pennsylvania Railroad Station: Connections to the NJIT campus may be made by taxi, city subway or bus service from the station. Visitors should seek assistance for departure points and bus numbers from station representatives.

KEY TO MAP Campbell Hall

		0.0
	Central Avenue Building	CAB
	The Hazell Center	CTR
	Cafeteria, Pub, Bookstore,	
	Ballroom, Meeting Rooms	
	Colton Hall	COL
	Cullimore Hall	CUL
	Eberhardt Hall	EB
	Electrical and Computer	
	Engineering Extension	ECE
	Enterprise Development	
1	Center I	EDC I
	Enterprise Development	
	Center II	EDC II
	Physical Education Bldg	PE
	Faculty Memorial Hall	FAC
100	Otto H. York Center for	
	Environmental Engineering	
	and Science	CEES
	William S. Guttenberg	
	Information Technologies	
	Center	GITC
	Mechanical Engineering Center	ME
	Microelectronics Center	MIC
	Redwood Hall	RED
	Oak Hall	OAK
	Cypress Hall	CYP
	Specht Building	SPEC
	Theater	TH
	Tiernan Hall	TIE
	Van Houten Library	LIB
	Weston Hall	WES
	Wilson Alumni Center	ALUM
	Parking	
	Guest Parking	A
	Newark Subway	•
	(Warren St. Station)	

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Photography: Bill Wittkop with contributions from Mike Peters, Dan Katz and G. Steve Jordan

