| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 2010 B | AB4 BC4 | maximum, minimum |  | absolute extrema |
| 2009 B | AB2 BC2 | maximum, minimum |  | absolute extrema |
| 2008 B | AB4 | maximum, minimum |  | absolute extrema |
| 2008 B | AB5 BC5 | maximum, minimum |  | absolute extrema |
| 2007 B | AB2 | maximum, minimum |  | absolute extrema |
| 2007 B | AB4 BC4 | maximum, minimum |  | absolute extrema |
| 2006 B | AB2 | maximum, minimum |  | absolute extrema |
| 2006 B | AB4 BC4 | maximum, minimum | algebraic | absolute extrema |
| 2005 B | AB2 BC2 | maximum, minimum |  | absolute extrema |
| 2004 B | AB2 | maximum, minimum |  | absolute extrema |
| 2004 B | AB4 BC4 | maximum, minimum |  | absolute extrema |
| 2004 B | AB6 BC6 | maximum, minimum |  | absolute extrema |
| 2003 B | AB2 | maximum, minimum |  | absolute extrema |
| 2010 | AB2 BC2 | maximum, minimum |  | absolute extrema |
| 2010 | AB3 | maximum, minimum |  | absolute extrema |
| 2009 | AB2 BC2 | maximum, minimum |  | absolute extrema |
| 2009 | AB3 | fundamental theorem |  | absolute extrema |
| 2009 | AB6 | maximum, minimum |  | absolute extrema |
| 2008 | AB3 | maximum, minimum |  | absolute extrema |
| 2008 | AB4 BC4 | maximum, minimum |  | absolute extrema |
| 2007 | AB2 BC2 | maximum, minimum |  | absolute extrema |
| 2007 | AB4 | maximum, minimum | trigonometric | absolute extrema |
| 2005 | AB2 | maximum, minimum |  | absolute extrema |
| 2004 | AB3 | maximum, minimum |  | absolute extrema |
| 2004 | AB5 | maximum, minimum |  | absolute extrema |
| 2003 | AB2 | maximum, minimum |  | absolute extrema |
| 2002 | AB1 BC1 | maximum, minimum |  | absolute extrema |
| 2002 | AB2 BC2 | maximum, minimum |  | absolute extrema |
| 2001 | AB3 BC3 | maximum, minimum |  | absolute extrema |
| 2000 | AB3 | maximum, minimum |  | absolute extrema |
| 2000 | AB4 | maximum, minimum |  | absolute extrema |
| 1999 | AB5 BC5 | maximum, minimum |  | absolute extrema |
| 1998 | AB2 BC2 | maximum, minimum |  | absolute extrema |
| 1996 | AB6 | maximum, minimum |  | absolute extrema |
| 1995 | AB6 | maximum, minimum |  | absolute extrema |
| 1994 | AB1 | maximum, minimum |  | absolute extrema |
| 1993 | AB4 BC3 | maximum, minimum | logarithmic | absolute extrema |
| 1992 | AB2 | maximum, minimum |  | absolute extrema |
| 1991 | AB5 | maximum, minimum | general | absolute extrema |
| 1990 | AB5 | maximum, minimum |  | absolute extrema |
| 1987 | AB4 | maximum, minimum |  | absolute extrema |
| 1986 | AB3 BC1 | maximum, minimum |  | absolute extrema |
| 1986 | AB5 BC2 | maximum, minimum | exponential | absolute extrema |
| 1984 | AB4 BC3 | maximum, minimum | general | absolute extrema |
| 1982 | AB5 BC2 | maximum, minimum | exponential | absolute extrema |
| 1982 | AB6 BC3 | maximum, minimum | algebraic | absolute extrema |
| 1979 | AB2 | maximum, minimum |  | absolute extrema |
| 1979 | AB3 BC3 | maximum, minimum |  | absolute extrema |
| 1979 | AB4 BC1 | maximum, minimum |  | absolute extrema |
| 1978 | AB6 BC3 | maximum, minimum | exponential | absolute extrema |
| 1977 | AB5 BC3 | maximum, minimum |  | absolute extrema |
| 1974 | AB5 BC4 | maximum, minimum | exponential | absolute extrema |
| 1973 | AB1 | maximum, minimum |  | absolute extrema |
| 1973 | AB5 BC3 | maximum, minimum | exponential | absolute extrema |
| 1973 | AB6 | maximum, minimum | algebraic | absolute extrema |
| 1972 | AB2 BC1 | maximum, minimum |  | absolute extrema |
| 1972 | AB4 BC3 | maximum, minimum | algebraic | absolute extrema |
| 1971 | AB4 BC1 | maximum, minimum | algebraic | absolute extrema |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 1970 | AB3 BC2 | maximum, minimum |  | absolute extrema |
| 1970 | AB6 BC5 | maximum, minimum |  | absolute extrema |
| 1969 | AB3 BC3 | maximum, minimum | logarithmic | absolute extrema |
| 1969 | AB4 BC4 | maximum, minimum | exponential | absolute extrema |
| 2007 B | AB2 | maximum, minimum |  | accumulation function/Fundamental theorem |
| 2002 B | AB4 BC4 | fundamental theorem |  | accumulation function/Fundamental Theorem |
| 2003 | AB4 BC4 | fundamental theorem |  | accumulation function/Fundamental Theorem |
| 2002 | AB2 BC2 | fundamental theorem |  | accumulation function/Fundamental Theorem |
| 1999 | AB5 BC5 | fundamental theorem |  | accumulation function/Fundamental Theorem |
| 1997 | AB3 | fundamental theorem |  | accumulation function/Fundamental Theorem |
| 1997 | AB5 BC5 | fundamental theorem |  | accumulation function/Fundamental Theorem |
| 1995 | AB6 | fundamental theorem |  | accumulation function/Fundamental Theorem |
| 1976 | AB6 | fundamental theorem | algebraic | accumulation function/Fundamental Theorem |
| 2009 B | AB3 BC3 | fundamental theorem |  | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 2008 B | AB4 | fundamental theorem | algebraic | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 2005 B | AB4 BC4 | fundamental theorem | general | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 2003 B | AB5 BC5 | fundamental theorem |  | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 2002 B | AB4 BC4 | fundamental theorem |  | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 2010 | AB5 | fundamental theorem | general | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 2009 | AB3 | fundamental theorem |  | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 2009 | AB6 | fundamental theorem |  | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 2007 | AB3 | fundamental theorem |  | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 2006 | AB3 | fundamental theorem | general | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 2005 | AB4 | fundamental theorem |  | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 2004 | AB5 | fundamental theorem |  | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 2002 | AB2 BC2 | fundamental theorem |  | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 2002 | AB4 BC4 | fundamental theorem |  | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 2000 | AB4 | fundamental theorem |  | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 1999 | AB5 BC5 | fundamental theorem |  | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 1997 | AB5 BC5 | fundamental theorem |  | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 1995 | AB6 | fundamental theorem |  | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 1994 | AB6 | fundamental theorem |  | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 1976 | AB6 | fundamental theorem |  | analysis of a function defined by a definite integral using the Fundamental Theorem |
| 2003 B | AB4 | integration methods |  | antiderivatives by substitution |
| 2009 | AB4 | integration methods |  | antiderivatives by substitution |
| 2000 | AB4 | integration methods |  | antiderivatives by substitution |
| 2000 | AB6 | integration methods |  | antiderivatives by substitution |
| 1997 | AB6 BC6 | integration methods |  | antiderivatives by substitution |
| 1994 | AB2 BC1 | integration methods |  | antiderivatives by substitution |
| 1993 | AB3 BC1 | integration methods |  | antiderivatives by substitution |
| 1993 | AB6 | integration methods |  | antiderivatives by substitution |
| 1992 | AB5 BC2 | integration methods |  | antiderivatives by substitution |
| 1991 | AB2 | integration methods |  | antiderivatives by substitution |
| 1990 | AB3 | integration methods |  | antiderivatives by substitution |
| 1989 | AB2 | integration methods |  | antiderivatives by substitution |
| 1989 | AB3 | integration methods |  | antiderivatives by substitution |
| 1988 | AB2 | integration methods |  | antiderivatives by substitution |
| 1988 | AB5 | integration methods |  | antiderivatives by substitution |
| 1986 | AB5 BC2 | integration methods |  | antiderivatives by substitution |
| 1985 | AB3 | integration methods |  | antiderivatives by substitution |
| 1985 | AB4 BC3 | integration methods |  | antiderivatives by substitution |
| 1980 | AB4 BC1 | integration methods |  | antiderivatives by substitution |
| 1979 | AB5 BC5 | integration methods |  | antiderivatives by substitution |
| 1978 | AB4 | integration methods |  | antiderivatives by substitution |
| 1978 | AB6 BC3 | integration methods |  | antiderivatives by substitution |
| 1977 | AB3 | integration methods |  | antiderivatives by substitution |
| 1976 | AB3 BC2 | integration methods |  | antiderivatives by substitution |
| 1969 | AB6 | integration methods |  | antiderivatives by substitution |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 2009 B | AB4 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 2003 B | AB4 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 2003 B | AB6 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 2002 B | AB5 BC5 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 2010 | AB1 BC1 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 2010 | AB4 BC4 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 2009 | AB4 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 2003 | AB5 BC5 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 2003 | AB6 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 2002 | AB6 | integration methods | algebraic | antiderivatives following directly from derivatives of basic funcions |
| 2001 | AB5 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 2001 | AB6 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 2000 | AB4 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 2000 | AB6 | integration methods | algebraic | antiderivatives following directly from derivatives of basic funcions |
| 1998 | AB4 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1997 | AB1 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1997 | AB6 BC6 | integration methods | exponential | antiderivatives following directly from derivatives of basic funcions |
| 1995 | AB2 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1994 | AB2 BC1 | integration methods | algebraic | antiderivatives following directly from derivatives of basic funcions |
| 1993 | AB3 BC1 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1993 | AB6 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1992 | AB5 BC2 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1992 | AB6 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1991 | AB1 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1991 | AB2 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1990 | AB1 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1990 | AB3 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1989 | AB2 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1989 | AB3 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1989 | AB6 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1988 | AB2 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1988 | AB3 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1988 | AB5 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1988 | AB6 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1987 | AB1 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1987 | AB3 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1986 | AB3 BC1 | integration methods | logarithmic | antiderivatives following directly from derivatives of basic funcions |
| 1986 | AB5 BC2 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1986 | AB6 BC3 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1985 | AB2 BC1 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1985 | AB3 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1985 | AB4 BC3 | integration methods | algebraic | antiderivatives following directly from derivatives of basic funcions |
| 1984 | AB1 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1984 | AB3 BC1 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1983 | AB4 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1983 | AB5 BC3 | integration methods | algebraic | antiderivatives following directly from derivatives of basic funcions |
| 1982 | AB1 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1982 | AB3 BC1 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1981 | AB2 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1981 | AB7 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1980 | AB1 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1980 | AB4 BC1 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1979 | AB5 BC5 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1979 | AB7 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1978 | AB4 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1978 | AB6 BC3 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1977 | AB3 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1977 | AB5 BC3 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 1976 | AB3 BC2 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1975 | AB3 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1974 | AB4 BC2 | integration methods | algebraic | antiderivatives following directly from derivatives of basic funcions |
| 1974 | AB6 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1974 | AB7 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1973 | AB2 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1973 | AB4 BC2 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1973 | AB7 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1972 | AB3 BC2 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1972 | AB6 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1972 | AB7 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1971 | AB2 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1971 | AB5 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1971 | AB6 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1970 | AB1 BC1 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1970 | AB6 BC5 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1970 | AB7 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1969 | AB5 | integration methods |  | antiderivatives following directly from derivatives of basic funcions |
| 1969 | AB6 | integration methods | trigonometric | antiderivatives following directly from derivatives of basic funcions |
| 2009 B | AB3 BC3 | derivative, definition | general | approximate rate of change from graphs and tables of values |
| 2009 B | AB6 | derivative, definition |  | approximate rate of change from graphs and tables of values |
| 2010 | AB2 BC2 | derivative, definition | general | approximate rate of change from graphs and tables of values |
| 2009 | AB5 BC5 | derivative, definition | general | approximate rate of change from graphs and tables of values |
| 2008 | AB2 BC2 | derivative, definition | general | approximate rate of change from graphs and tables of values |
| 2005 | AB3 BC3 | derivative, definition | general | approximate rate of change from graphs and tables of values |
| 2003 | AB3 | derivative, definition | general | approximate rate of change from graphs and tables of values |
| 2001 | AB2 BC2 | derivative, definition | exponential | approximate rate of change from graphs and tables of values |
| 1998 | AB3 | derivative, definition |  | approximate rate of change from graphs and tables of values |
| 2010 B | AB1 BC1 | area | logarithmic | area of a region |
| 2009 B | AB4 | area | algebraic | area of a region |
| 2008 B | AB1 | area | algebraic | area of a region |
| 2008 B | AB3 BC3 | area |  | area of a region |
| 2007 B | AB1 BC1 | area | exponential | area of a region |
| 2006 B | AB1 BC1 | area | algebraic | area of a region |
| 2005 B | AB1 | area | trigonometric | area of a region |
| 2004 B | AB1 | area | algebraic | area of a region |
| 2004 B | AB6 BC6 | area |  | area of a region |
| 2003 B | AB1 BC1 | area |  | area of a region |
| 2003 B | AB5 BC5 | area | general | area of a region |
| 2002 B | AB1 | area | algebraic | area of a region |
| 2002 B | AB4 BC4 | area | general | area of a region |
| 2010 | AB3 | area |  | area of a region |
| 2010 | AB4 BC4 | area | algebraic | area of a region |
| 2010 | AB5 | area |  | area of a region |
| 2009 | AB4 | area | trigonometric | area of a region |
| 2008 | AB1 BC1 | area | trigonometric | area of a region |
| 2007 | AB1 BC1 | area | algebraic | area of a region |
| 2006 | AB1 BC1 | area | logarithmic | area of a region |
| 2005 | AB1 BC1 | area | trigonometric | area of a region |
| 2005 | AB5 BC5 | area |  | area of a region |
| 2004 | AB2 BC2 | area | algebraic | area of a region |
| 2004 | AB5 | area | general | area of a region |
| 2003 | AB1 BC1 | area | exponential | area of a region |
| 2002 | AB1 BC1 | area | exponential | area of a region |
| 2002 | AB4 BC4 | area | general | area of a region |
| 2001 | AB1 | area | algebraic | area of a region |
| 2000 | AB1 BC1 | area | exponential | area of a region |
| 1999 | AB2 BC2 | area | algebraic | area of a region |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 1998 | AB1 | area | algebraic | area of a region |
| 1997 | AB3 | area | algebraic | area of a region |
| 1996 | AB2 | area | algebraic | area of a region |
| 1995 | AB4 BC2 | area | exponential | area of a region |
| 1994 | AB2 BC1 | area | exponential | area of a region |
| 1993 | AB3 BC1 | area |  | area of a region |
| 1992 | AB5 BC2 | area |  | area of a region |
| 1991 | AB2 | area | trigonometric | area of a region |
| 1990 | AB3 | area | exponential | area of a region |
| 1989 | AB2 | area | algebraic | area of a region |
| 1988 | AB5 | area | algebraic | area of a region |
| 1987 | AB6 | area | general | area of a region |
| 1986 | AB6 BC3 | area | trigonometric | area of a region |
| 1985 | AB3 | area | exponential | area of a region |
| 1984 | AB3 BC1 | area | exponential | area of a region |
| 1983 | AB4 | area | algebraic | area of a region |
| 1982 | AB3 BC1 | area | trigonometric | area of a region |
| 1981 | AB2 | area | algebraic | area of a region |
| 1980 | AB1 | area | algebraic | area of a region |
| 1979 | AB5 BC5 | area | logarithmic | area of a region |
| 1977 | AB3 | area | exponential | area of a region |
| 1976 | AB3 BC2 | area | algebraic | area of a region |
| 1975 | AB6 BC2 | area | algebraic | area of a region |
| 1974 | AB6 | area | trigonometric | area of a region |
| 1973 | AB4 BC2 | area | algebraic | area of a region |
| 1973 | AB7 | area | trigonometric | area of a region |
| 1972 | AB3 BC2 | area | trigonometric | area of a region |
| 1971 | AB2 | area | algebraic | area of a region |
| 1970 | AB1 BC1 | area |  | area of a region |
| 1969 | AB5 | area | algebraic | area of a region |
| 1969 | AB6 | area | algebraic | area of a region |
| 2009 B | AB3 BC3 | average rate of change |  | average rate of change |
| 2009 B | AB5 BC5 | average rate of change |  | average rate of change |
| 2008 B | AB5 BC5 | average rate of change |  | average rate of change |
| 2007 B | AB3 BC3 | average rate of change |  | average rate of change |
| 2003 B | AB5 BC5 | average rate of change |  | average rate of change |
| 2006 | AB4 BC4 | average rate of change | general | average rate of change |
| 2005 | AB5 BC5 | average rate of change |  | average rate of change |
| 2004 | AB1 BC1 | average rate of change |  | average rate of change |
| 1998 | AB3 | average rate of change |  | average rate of change |
| 1997 | AB1 | average rate of change |  | average rate of change |
| 1994 | AB6 | average rate of change |  | average rate of change |
| 2010 B | AB6 | average value |  | average value of a function |
| 2008 B | AB3 BC3 | average value | trigonometric | average value of a function |
| 2006 B | AB4 BC4 | average value |  | average value of a function |
| 2005 B | AB3 | average value |  | average value of a function |
| 2004 B | AB3 BC3 | average value |  | average value of a function |
| 2003 B | AB3 BC3 | average value | general | average value of a function |
| 2010 | AB2 BC2 | average value |  | average value of a function |
| 2009 | AB2 BC2 | average value |  | average value of a function |
| 2008 | AB2 BC2 | average value |  | average value of a function |
| 2006 | AB2 BC2 | average value |  | average value of a function |
| 2005 | AB3 BC3 | average value |  | average value of a function |
| 2004 | AB1 BC1 | average value |  | average value of a function |
| 2003 | AB6 | average value |  | average value of a function |
| 2001 | AB2 BC2 | average value | general | average value of a function |
| 1999 | AB3 BC3 | average value |  | average value of a function |
| 1998 | AB5 BC5 | average value | trigonometric | average value of a function |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 1997 | AB4 | average value |  | average value of a function |
| 1996 | AB3 BC3 | average value | exponential | average value of a function |
| 1992 | AB2 | average value |  | average value of a function |
| 1991 | AB1 | average value |  | average value of a function |
| 1988 | AB5 | average value |  | average value of a function |
| 1986 | AB5 BC2 | average value |  | average value of a function |
| 1985 | AB4 BC3 | average value | trigonometric | average value of a function |
| 1981 | AB7 | average value | general | average value of a function |
| 1979 | AB7 | average value |  | average value of a function |
| 1978 | AB4 | average value |  | average value of a function |
| 1969 | AB3 BC3 | average value |  | average value of a function |
| 2009 B | AB6 | definite integral |  | basic properties of definite integrals |
| 2002 B | AB3 | definite integral |  | basic properties of definite integrals |
| 2009 | AB3 | definite integral |  | basic properties of definite integrals |
| 2008 | AB4 BC4 | definite integral |  | basic properties of definite integrals |
| 1981 | AB7 | definite integral |  | basic properties of definite integrals |
| 1970 | AB7 | definite integral | trigonometric | basic properties of definite integrals |
| 1993 | AB6 | limits |  | calculating limits using algebra |
| 1990 | AB6 | limits |  | calculating limits using algebra |
| 1982 | AB2 | limits | algebraic | calculating limits using algebra |
| 1978 | AB3 | limits |  | calculating limits using algebra |
| 1978 | AB6 BC3 | limits |  | calculating limits using algebra |
| 1976 | AB7 BC6 | limits | algebraic | calculating limits using algebra |
| 1971 | AB6 | limits |  | calculating limits using algebra |
| 1969 | AB7 | limits |  | calculating limits using algebra |
| 2010 B | AB3 BC3 | differentiation |  | chain rule |
| 2010 B | AB6 | differentiation |  | chain rule |
| 2009 B | AB1 | differentiation |  | chain rule |
| 2008 B | AB4 | differentiation | trigonometric | chain rule |
| 2007 B | AB6 | differentiation |  | chain rule |
| 2005 B | AB5 BC5 | differentiation |  | chain rule |
| 2003 B | AB6 | differentiation |  | chain rule |
| 2002 B | AB6 | differentiation | trigonometric | chain rule |
| 2007 | AB3 | differentiation |  | chain rule |
| 2007 | AB4 | differentiation |  | chain rule |
| 2006 | AB6 | differentiation |  | chain rule |
| 2003 | AB5 BC5 | differentiation |  | chain rule |
| 2002 | AB5 | differentiation |  | chain rule |
| 2001 | AB6 | differentiation |  | chain rule |
| 2000 | AB5 BC5 | differentiation |  | chain rule |
| 1999 | AB4 | differentiation |  | chain rule |
| 1998 | AB2 BC2 | differentiation |  | chain rule |
| 1998 | AB6 | differentiation |  | chain rule |
| 1995 | AB1 | differentiation |  | chain rule |
| 1995 | AB3 | differentiation |  | chain rule |
| 1995 | AB5 BC3 | differentiation |  | chain rule |
| 1994 | AB3 | differentiation |  | chain rule |
| 1994 | AB5 BC2 | differentiation |  | chain rule |
| 1993 | AB2 | differentiation |  | chain rule |
| 1993 | AB3 BC1 | differentiation |  | chain rule |
| 1993 | AB4 BC3 | differentiation |  | chain rule |
| 1992 | AB3 | differentiation |  | chain rule |
| 1992 | AB4 BC1 | differentiation |  | chain rule |
| 1992 | AB6 | differentiation |  | chain rule |
| 1991 | AB3 | differentiation |  | chain rule |
| 1991 | AB6 | differentiation |  | chain rule |
| 1990 | AB2 | differentiation |  | chain rule |
| 1990 | AB4 | differentiation |  | chain rule |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 1990 | AB6 | differentiation |  | chain rule |
| 1988 | AB1 | differentiation |  | chain rule |
| 1988 | AB2 | differentiation |  | chain rule |
| 1988 | AB4 | differentiation |  | chain rule |
| 1987 | AB2 | differentiation |  | chain rule |
| 1987 | AB4 | differentiation |  | chain rule |
| 1987 | AB5 | differentiation |  | chain rule |
| 1987 | AB6 | differentiation |  | chain rule |
| 1986 | AB5 BC2 | differentiation |  | chain rule |
| 1985 | AB5 BC2 | differentiation |  | chain rule |
| 1984 | AB5 | differentiation |  | chain rule |
| 1983 | AB3 BC1 | differentiation |  | chain rule |
| 1982 | AB4 | differentiation |  | chain rule |
| 1982 | AB5 BC2 | differentiation |  | chain rule |
| 1982 | AB6 BC3 | differentiation |  | chain rule |
| 1982 | AB7 | differentiation |  | chain rule |
| 1981 | AB4 | differentiation |  | chain rule |
| 1981 | AB6 BC4 | differentiation |  | chain rule |
| 1980 | AB2 | differentiation | algebraic | chain rule |
| 1980 | AB5 BC2 | differentiation |  | chain rule |
| 1980 | AB6 BC4 | differentiation |  | chain rule |
| 1979 | AB2 | differentiation |  | chain rule |
| 1979 | AB4 BC1 | differentiation |  | chain rule |
| 1978 | AB2 | differentiation |  | chain rule |
| 1978 | AB5 BC1 | differentiation |  | chain rule |
| 1978 | AB6 BC3 | differentiation |  | chain rule |
| 1978 | AB7 BC6 | differentiation |  | chain rule |
| 1977 | AB1 | differentiation |  | chain rule |
| 1977 | AB2 | differentiation |  | chain rule |
| 1977 | AB4 BC2 | differentiation |  | chain rule |
| 1977 | AB6 | differentiation |  | chain rule |
| 1977 | AB7 BC6 | differentiation |  | chain rule |
| 1976 | AB1 | differentiation |  | chain rule |
| 1976 | AB4 | differentiation |  | chain rule |
| 1976 | AB5 BC3 | differentiation |  | chain rule |
| 1974 | AB5 BC4 | differentiation |  | chain rule |
| 1973 | AB3 | differentiation |  | chain rule |
| 1973 | AB5 BC3 | differentiation |  | chain rule |
| 1973 | AB7 | differentiation |  | chain rule |
| 1972 | AB4 BC3 | differentiation |  | chain rule |
| 1972 | AB5 | differentiation | exponential | chain rule |
| 1971 | AB1 | differentiation |  | chain rule |
| 1971 | AB2 | differentiation |  | chain rule |
| 1971 | AB3 | differentiation |  | chain rule |
| 1971 | AB7 BC3 | differentiation |  | chain rule |
| 1970 | AB4 | differentiation |  | chain rule |
| 1970 | AB5 | differentiation |  | chain rule |
| 1969 | AB4 BC4 | differentiation |  | chain rule |
| 1969 | AB7 | differentiation |  | chain rule |
| 2009 | AB5 BC5 | Riemann sums |  | computation of left Riemann Sum |
| 2003 | AB3 | Riemann sums |  | computation of left Riemann Sum |
| 2010 B | AB3 BC3 | Riemann sums | exponential | computation of midpoint Riemann Sum |
| 2004 B | AB3 BC3 | Riemann sums | trigonometric | computation of midpoint Riemann Sum |
| 2003 B | AB3 BC3 | Riemann sums |  | computation of midpoint Riemann Sum |
| 2006 | AB4 BC4 | Riemann sums |  | computation of midpoint Riemann Sum |
| 1999 | AB3 BC3 | Riemann sums | general | computation of midpoint Riemann Sum |
| 1998 | AB3 | Riemann sums |  | computation of midpoint Riemann Sum |
| 2007 | AB5 BC5 | Riemann sums |  | computation of right Riemann Sum |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 2009 B | AB6 | trapezoidal approximation |  | computation of trapezoidal sum |
| 2008 B | AB3 BC3 | trapezoidal approximation | general | computation of trapezoidal sum |
| 2006 B | AB6 | trapezoidal approximation |  | computation of trapezoidal sum |
| 2002 B | AB4 BC4 | trapezoidal approximation |  | computation of trapezoidal sum |
| 2010 | AB2 BC2 | trapezoidal approximation |  | computation of trapezoidal sum |
| 2008 | AB2 BC2 | trapezoidal approximation |  | computation of trapezoidal sum |
| 2005 | AB3 BC3 | trapezoidal approximation |  | computation of trapezoidal sum |
| 2001 | AB2 BC2 | trapezoidal approximation |  | computation of trapezoidal sum |
| 1996 | AB3 BC3 | trapezoidal approximation |  | computation of trapezoidal sum |
| 1994 | AB6 | trapezoidal approximation | trigonometric | computation of trapezoidal sum |
| 1978 | AB3 | continuity | algebraic | continuity |
| 1975 | AB3 | continuity |  | continuity |
| 1971 | AB6 | continuity |  | continuity |
| 1969 | AB1 | continuity |  | continuity |
| 2009 B | AB5 BC5 | derivative, graph of | general | corresponding characteristics of graphs of $f$ and $\mathrm{f}^{\prime}$ |
| 2006 B | AB2 | derivative, graph of | trigonometric | corresponding characteristics of graphs of $f$ and $\mathrm{f}^{\prime}$ |
| 2004 B | AB4 BC4 | derivative, graph of | general | corresponding characteristics of graphs of $f$ and $\mathrm{f}^{\prime}$ |
| 2003 | AB4 BC4 | derivative, graph of | general | corresponding characteristics of graphs of $f$ and $f^{\prime}$ |
| 2000 | AB3 | derivative, graph of |  | corresponding characteristics of graphs of $f$ and $f^{\prime}$ |
| 1993 | AB5 | derivative, graph of |  | corresponding characteristics of graphs of $f$ and $\mathrm{f}^{\prime}$ |
| 1986 | AB2 | derivative, graph of |  | corresponding characteristics of graphs of $f$ and $f^{\prime}$ |
| 1985 | AB6 | derivative, graph of |  | corresponding characteristics of graphs of $f$ and $f^{\prime}$ |
| 2002 | AB4 BC4 | derivative, graph of |  | corresponding characteristics of the graphs of $f, f^{\prime}$, and $f^{\prime \prime}$ |
| 2000 | AB3 | derivative, graph of |  | corresponding characteristics of the graphs of $f, f^{\prime}$, and $f^{\prime \prime}$ |
| 1996 | AB1 | derivative, graph of | general | corresponding characteristics of the graphs of $f, f^{\prime}$, and $f^{\prime \prime}$ |
| 1991 | AB5 | derivative, graph of |  | corresponding characteristics of the graphs of $f, f^{\prime}$, and $f^{\prime \prime}$ |
| 1989 | AB5 | derivative, graph of |  | corresponding characteristics of the graphs of $f, f^{\prime}$, and $f^{\prime \prime}$ |
| 1988 | AB4 | derivative, graph of |  | corresponding characteristics of the graphs of $f, f^{\prime}$, and $f^{\prime \prime}$ |
| 1984 | AB4 BC3 | derivative, graph of |  | corresponding characteristics of the graphs of $f, f^{\prime}$, and $f^{\prime \prime}$ |
| 1980 | AB5 BC2 | derivative, graph of |  | corresponding characteristics of the graphs of $f, f^{\prime}$, and $f^{\prime \prime}$ |
| 2005 | AB4 | curve sketching |  | curve sketching |
| 1982 | AB2 | curve sketching |  | curve sketching |
| 1981 | AB3 BC1 | curve sketching |  | curve sketching |
| 1980 | AB5 BC2 | curve sketching |  | curve sketching |
| 1978 | AB2 | curve sketching |  | curve sketching |
| 1977 | AB2 | curve sketching |  | curve sketching |
| 1976 | AB5 BC3 | curve sketching |  | curve sketching |
| 1975 | AB4 BC1 | curve sketching |  | curve sketching |
| 1974 | AB1 BC1 | curve sketching | trigonometric | curve sketching |
| 1971 | AB7 BC3 | curve sketching |  | curve sketching |
| 1970 | AB2 | curve sketching | general | curve sketching |
| 1970 | AB3 BC2 | curve sketching |  | curve sketching |
| 1969 | AB3 BC3 | curve sketching |  | curve sketching |
| 1969 | AB7 | curve sketching | exponential | curve sketching |
| 2002 | AB6 | total change given rate of change | general | definite integral of a rate of change |
| 1999 | AB5 BC5 | total change given rate of change | general | definite integral of a rate of change over an interval |
| 1997 | AB5 BC5 | total change given rate of change | general | definite integral of a rate of change over an interval |
| 1995 | AB6 | total change given rate of change | general | definite integral of a rate of change over an interval |
| 1981 | AB5 BC2 | derivative, definition |  | definition of derivative |
| 1979 | AB6 | derivative, definition |  | definition of derivative |
| 1977 | AB7 BC6 | derivative, definition |  | definition of derivative |
| 1976 | AB7 BC6 | derivative, definition | trigonometric | definition of derivative |
| 1975 | AB7 BC5 | derivative, definition | exponential | definition of derivative |
| 1972 | AB7 | derivative, definition | general | definition of derivative |
| 2004 B | AB4 BC4 | differentiation |  | derivative of a product |
| 2003 B | AB6 | differentiation |  | derivative of a product |
| 2007 | AB4 | differentiation |  | derivative of a product |
| 2006 | AB6 | differentiation |  | derivative of a product |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 1994 | AB3 | differentiation |  | derivative of a product |
| 1994 | AB4 | differentiation |  | derivative of a product |
| 1993 | AB2 | differentiation |  | derivative of a product |
| 1992 | AB2 | differentiation |  | derivative of a product |
| 1988 | AB4 | differentiation |  | derivative of a product |
| 1986 | AB5 BC2 | differentiation |  | derivative of a product |
| 1982 | AB5 BC2 | differentiation |  | derivative of a product |
| 1979 | AB2 | differentiation |  | derivative of a product |
| 1978 | AB5 BC1 | differentiation |  | derivative of a product |
| 1977 | AB2 | differentiation |  | derivative of a product |
| 1977 | AB4 BC2 | differentiation |  | derivative of a product |
| 1977 | AB6 | differentiation |  | derivative of a product |
| 1973 | AB3 | differentiation |  | derivative of a product |
| 1972 | AB2 BC1 | differentiation |  | derivative of a product |
| 1972 | AB5 | differentiation |  | derivative of a product |
| 1971 | AB7 BC3 | differentiation |  | derivative of a product |
| 2008 | AB6 | differentiation |  | derivative of a quotient |
| 2004 | AB4 BC4 | differentiation |  | derivative of a quotient |
| 2001 | AB4 BC4 | differentiation |  | derivative of a quotient |
| 1991 | AB4 | differentiation |  | derivative of a quotient |
| 1990 | AB2 | differentiation |  | derivative of a quotient |
| 1989 | AB4 | differentiation |  | derivative of a quotient |
| 1987 | AB4 | differentiation |  | derivative of a quotient |
| 1986 | AB2 | differentiation |  | derivative of a quotient |
| 1985 | AB1 | differentiation |  | derivative of a quotient |
| 1984 | AB2 | differentiation |  | derivative of a quotient |
| 1978 | AB5 BC1 | differentiation |  | derivative of a quotient |
| 1977 | AB4 BC2 | differentiation |  | derivative of a quotient |
| 1974 | AB5 BC4 | differentiation |  | derivative of a quotient |
| 1971 | AB6 | differentiation |  | derivative of a quotient |
| 1970 | AB6 BC5 | differentiation |  | derivative of a quotient |
| 2010 B | AB6 | differentiation |  | derivative of basic functions |
| 2006 B | AB3 BC3 | differentiation | algebraic | derivative of basic functions |
| 2003 B | AB1 BC1 | differentiation | algebraic | derivative of basic functions |
| 2003 B | AB6 | differentiation | algebraic | derivative of basic functions |
| 2002 B | AB5 BC5 | differentiation | algebraic | derivative of basic functions |
| 2002 B | AB6 | differentiation | algebraic | derivative of basic functions |
| 2010 | AB5 | differentiation |  | derivative of basic functions |
| 2007 | AB6 | differentiation | logarithmic | derivative of basic functions |
| 2006 | AB6 | differentiation | general | derivative of basic functions |
| 2005 | AB5 BC5 | differentiation |  | derivative of basic functions |
| 2004 | AB4 BC4 | differentiation |  | derivative of basic functions |
| 2003 | AB5 BC5 | differentiation | algebraic | derivative of basic functions |
| 2002 | AB5 | differentiation | algebraic | derivative of basic functions |
| 2002 | AB6 | differentiation |  | derivative of basic functions |
| 2001 | AB4 BC4 | differentiation |  | derivative of basic functions |
| 2001 | AB5 | differentiation | algebraic | derivative of basic functions |
| 2001 | AB6 | differentiation | algebraic | derivative of basic functions |
| 2000 | AB5 BC5 | differentiation |  | derivative of basic functions |
| 1999 | AB4 | differentiation |  | derivative of basic functions |
| 1998 | AB2 BC2 | differentiation |  | derivative of basic functions |
| 1998 | AB6 | differentiation | algebraic | derivative of basic functions |
| 1997 | AB2 | differentiation |  | derivative of basic functions |
| 1997 | AB4 | differentiation | algebraic | derivative of basic functions |
| 1995 | AB1 | differentiation |  | derivative of basic functions |
| 1995 | AB2 | differentiation |  | derivative of basic functions |
| 1995 | AB3 | differentiation | algebraic | derivative of basic functions |
| 1995 | AB5 BC3 | differentiation |  | derivative of basic functions |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 1994 | AB1 | differentiation |  | derivative of basic functions |
| 1994 | AB3 | differentiation | algebraic | derivative of basic functions |
| 1994 | AB5 BC2 | differentiation |  | derivative of basic functions |
| 1993 | AB1 | differentiation | algebraic | derivative of basic functions |
| 1993 | AB2 | differentiation |  | derivative of basic functions |
| 1993 | AB3 BC1 | differentiation |  | derivative of basic functions |
| 1993 | AB4 BC3 | differentiation |  | derivative of basic functions |
| 1992 | AB1 | differentiation |  | derivative of basic functions |
| 1992 | AB2 | differentiation |  | derivative of basic functions |
| 1992 | AB3 | differentiation |  | derivative of basic functions |
| 1992 | AB4 BC1 | differentiation | trigonometric | derivative of basic functions |
| 1992 | AB6 | differentiation |  | derivative of basic functions |
| 1991 | AB3 | differentiation |  | derivative of basic functions |
| 1991 | AB4 | differentiation |  | derivative of basic functions |
| 1991 | AB6 | differentiation | algebraic | derivative of basic functions |
| 1990 | AB2 | differentiation |  | derivative of basic functions |
| 1990 | AB4 | differentiation |  | derivative of basic functions |
| 1990 | AB6 | differentiation |  | derivative of basic functions |
| 1989 | AB1 | differentiation |  | derivative of basic functions |
| 1989 | AB4 | differentiation |  | derivative of basic functions |
| 1988 | AB1 | differentiation |  | derivative of basic functions |
| 1988 | AB2 | differentiation |  | derivative of basic functions |
| 1988 | AB4 | differentiation |  | derivative of basic functions |
| 1988 | AB6 | differentiation | algebraic | derivative of basic functions |
| 1987 | AB2 | differentiation |  | derivative of basic functions |
| 1987 | AB4 | differentiation |  | derivative of basic functions |
| 1987 | AB5 | differentiation |  | derivative of basic functions |
| 1987 | AB6 | differentiation |  | derivative of basic functions |
| 1986 | AB1 | differentiation |  | derivative of basic functions |
| 1986 | AB2 | differentiation |  | derivative of basic functions |
| 1986 | AB4 | differentiation |  | derivative of basic functions |
| 1986 | AB5 BC2 | differentiation |  | derivative of basic functions |
| 1985 | AB1 | differentiation |  | derivative of basic functions |
| 1985 | AB5 BC2 | differentiation |  | derivative of basic functions |
| 1984 | AB2 | differentiation |  | derivative of basic functions |
| 1984 | AB5 | differentiation |  | derivative of basic functions |
| 1983 | AB2 | differentiation |  | derivative of basic functions |
| 1983 | AB3 BC1 | differentiation | trigonometric | derivative of basic functions |
| 1982 | AB4 | differentiation |  | derivative of basic functions |
| 1982 | AB5 BC2 | differentiation |  | derivative of basic functions |
| 1982 | AB6 BC3 | differentiation |  | derivative of basic functions |
| 1982 | AB7 | differentiation | general | derivative of basic functions |
| 1981 | AB3 BC1 | differentiation |  | derivative of basic functions |
| 1981 | AB4 | differentiation |  | derivative of basic functions |
| 1981 | AB6 BC4 | differentiation |  | derivative of basic functions |
| 1980 | AB5 BC2 | differentiation |  | derivative of basic functions |
| 1980 | AB6 BC4 | differentiation |  | derivative of basic functions |
| 1980 | AB7 | differentiation |  | derivative of basic functions |
| 1979 | AB1 | differentiation |  | derivative of basic functions |
| 1979 | AB2 | differentiation | exponential | derivative of basic functions |
| 1979 | AB3 BC3 | differentiation | algebraic | derivative of basic functions |
| 1979 | AB4 BC1 | differentiation |  | derivative of basic functions |
| 1979 | AB7 | differentiation | algebraic | derivative of basic functions |
| 1978 | AB1 | differentiation |  | derivative of basic functions |
| 1978 | AB2 | differentiation |  | derivative of basic functions |
| 1978 | AB5 BC1 | differentiation |  | derivative of basic functions |
| 1978 | AB6 BC3 | differentiation |  | derivative of basic functions |
| 1978 | AB7 BC6 | differentiation | general | derivative of basic functions |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 1977 | AB1 | differentiation |  | derivative of basic functions |
| 1977 | AB2 | differentiation |  | derivative of basic functions |
| 1977 | AB6 | differentiation |  | derivative of basic functions |
| 1977 | AB7 BC6 | differentiation | trigonometric | derivative of basic functions |
| 1976 | AB1 | differentiation |  | derivative of basic functions |
| 1976 | AB4 | differentiation |  | derivative of basic functions |
| 1976 | AB5 BC3 | differentiation | trigonometric | derivative of basic functions |
| 1975 | AB2 | differentiation |  | derivative of basic functions |
| 1975 | AB4 BC1 | differentiation |  | derivative of basic functions |
| 1975 | AB5 | differentiation | algebraic | derivative of basic functions |
| 1974 | AB2 | differentiation |  | derivative of basic functions |
| 1974 | AB3 | differentiation |  | derivative of basic functions |
| 1974 | AB5 BC4 | differentiation |  | derivative of basic functions |
| 1973 | AB1 | differentiation |  | derivative of basic functions |
| 1973 | AB3 | differentiation |  | derivative of basic functions |
| 1973 | AB5 BC3 | differentiation |  | derivative of basic functions |
| 1973 | AB6 | differentiation |  | derivative of basic functions |
| 1973 | AB7 | differentiation |  | derivative of basic functions |
| 1972 | AB2 BC1 | differentiation |  | derivative of basic functions |
| 1972 | AB4 BC3 | differentiation |  | derivative of basic functions |
| 1972 | AB5 | differentiation | trigonometric | derivative of basic functions |
| 1971 | AB1 | differentiation |  | derivative of basic functions |
| 1971 | AB2 | differentiation |  | derivative of basic functions |
| 1971 | AB3 | differentiation |  | derivative of basic functions |
| 1971 | AB4 BC1 | differentiation |  | derivative of basic functions |
| 1971 | AB6 | differentiation |  | derivative of basic functions |
| 1971 | AB7 BC3 | differentiation |  | derivative of basic functions |
| 1970 | AB1 BC1 | differentiation |  | derivative of basic functions |
| 1970 | AB3 BC2 | differentiation |  | derivative of basic functions |
| 1970 | AB4 | differentiation |  | derivative of basic functions |
| 1970 | AB5 | differentiation |  | derivative of basic functions |
| 1970 | AB6 BC5 | differentiation |  | derivative of basic functions |
| 1969 | AB2 | differentiation |  | derivative of basic functions |
| 1969 | AB3 BC3 | differentiation |  | derivative of basic functions |
| 1969 | AB4 BC4 | differentiation |  | derivative of basic functions |
| 1969 | AB7 | differentiation |  | derivative of basic functions |
| 2007 | AB3 | differentiation |  | derivative of the inverse of a function |
| 1977 | AB4 BC2 | differentiation |  | derivative of the inverse of a function |
| 2009 B | AB3 BC3 | differentiability |  | differentiability |
| 2005 | AB5 BC5 | differentiability |  | differentiability |
| 2003 | AB6 | differentiability |  | differentiability |
| 1986 | AB4 | differentiability |  | differentiability |
| 1981 | AB5 BC2 | differentiability |  | differentiability |
| 1980 | AB7 | differentiability |  | differentiability |
| 1979 | AB6 | differentiability | algebraic | differentiability |
| 1977 | AB7 BC6 | differentiability |  | differentiability |
| 2009 B | AB6 | distance |  | distance traveled by a particle along a line |
| 2007 B | AB2 | distance |  | distance traveled by a particle along a line |
| 2003 B | AB4 | distance |  | distance traveled by a particle along a line |
| 2002 B | AB3 | distance |  | distance traveled by a particle along a line |
| 2009 | AB1 BC1 | distance |  | distance traveled by a particle along a line |
| 2003 | AB2 | distance |  | distance traveled by a particle along a line |
| 2002 | AB3 | distance |  | distance traveled by a particle along a line |
| 1999 | AB1 | distance |  | distance traveled by a particle along a line |
| 1998 | AB3 | distance |  | distance traveled by a particle along a line |
| 1997 | AB1 | distance |  | distance traveled by a particle along a line |
| 1993 | AB2 | distance |  | distance traveled by a particle along a line |
| 1992 | AB2 | distance |  | distance traveled by a particle along a line |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 1990 | AB1 | distance |  | distance traveled by a particle along a line |
| 1987 | AB1 | distance |  | distance traveled by a particle along a line |
| 1985 | AB2 BC1 | distance |  | distance traveled by a particle along a line |
| 1983 | AB2 | distance |  | distance traveled by a particle along a line |
| 1983 | AB5 BC3 | distance |  | distance traveled by a particle along a line |
| 1975 | AB2 | distance |  | distance traveled by a particle along a line |
| 2006 | AB5 | differential equations |  | domain of a function |
| 2000 | AB6 | precalculus |  | domain of a function |
| 1995 | AB1 | precalculus | algebraic | domain of a function |
| 1992 | AB3 | precalculus | logarithmic | domain of a function |
| 1990 | AB2 | precalculus | logarithmic | domain of a function |
| 1989 | AB4 | precalculus | algebraic | domain of a function |
| 1988 | AB1 | precalculus | algebraic | domain of a function |
| 1987 | AB2 | precalculus | trigonometric | domain of a function |
| 1985 | AB1 | precalculus | algebraic | domain of a function |
| 1983 | AB1 | precalculus | logarithmic | domain of a function |
| 1981 | AB4 | precalculus |  | domain of a function |
| 1980 | AB3 | precalculus | exponential | domain of a function |
| 1977 | AB1 | precalculus | logarithmic | domain of a function |
| 1976 | AB1 | precalculus | algebraic | domain of a function |
| 1975 | AB1 | precalculus | logarithmic | domain of a function |
| 1974 | AB1 BC1 | precalculus |  | domain of a function |
| 1971 | AB1 | precalculus |  | domain of a function |
| 1990 | AB6 | precalculus | algebraic | even functions |
| 1976 | AB2 | precalculus |  | even functions |
| 2010 | AB1 BC1 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 2006 | AB4 BC4 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 2002 | AB3 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1999 | AB1 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1997 | AB1 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1994 | AB4 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1993 | AB5 | anti-differentiation (initial conditions) | algebraic | finding specific antiderivatives using initial conditions |
| 1991 | AB1 | anti-differentiation (initial conditions) | algebraic | finding specific antiderivatives using initial conditions |
| 1990 | AB1 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1989 | AB3 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1988 | AB2 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1988 | AB6 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1987 | AB1 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1986 | AB3 BC1 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1985 | AB2 BC1 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1984 | AB1 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1983 | AB5 BC3 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1982 | AB1 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1977 | AB5 BC3 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1974 | AB4 BC2 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1974 | AB7 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1973 | AB2 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1972 | AB7 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1971 | AB6 | anti-differentiation (initial conditions) |  | finding specific antiderivatives using initial conditions |
| 1995 | AB1 | precalculus |  | horizontal asymptote |
| 1990 | AB6 | precalculus |  | horizontal asymptote |
| 1989 | AB4 | precalculus |  | horizontal asymptote |
| 1988 | AB4 | precalculus | exponential | horizontal asymptote |
| 1986 | AB2 | precalculus |  | horizontal asymptote |
| 1985 | AB1 | precalculus |  | horizontal asymptote |
| 1982 | AB2 | precalculus |  | horizontal asymptote |
| 1978 | AB3 | precalculus |  | horizontal asymptote |
| 2010 B | AB2 | tangents | trigonometric | horizontal tangents |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 2008 B | AB6 | tangents |  | horizontal tangents |
| 2004 | AB4 BC4 | tangents |  | horizontal tangents |
| 2001 | AB4 BC4 | tangents | algebraic | horizontal tangents |
| 1998 | AB6 | tangents |  | horizontal tangents |
| 1992 | AB1 | tangents |  | horizontal tangents |
| 1989 | AB5 | tangents | general | horizontal tangents |
| 1970 | AB3 BC2 | tangents | algebraic | horizontal tangents |
| 2010 B | AB3 BC3 | differentiation |  | implicit differentiation |
| 2008 B | AB6 | differentiation, implicit | algebraic | implicit differentiation |
| 2007 B | AB5 | differentiation, implicit |  | implicit differentiation |
| 2005 B | AB5 BC5 | differentiation, implicit | algebraic | implicit differentiation |
| 2004 | AB4 BC4 | differentiation, implicit | algebraic | implicit differentiation |
| 2001 | AB6 | differentiation, implicit |  | implicit differentiation |
| 2000 | AB5 BC5 | differentiation, implicit | algebraic | implicit differentiation |
| 1998 | AB6 | differentiation, implicit |  | implicit differentiation |
| 1994 | AB3 | differentiation, implicit |  | implicit differentiation |
| 1992 | AB4 BC1 | differentiation, implicit |  | implicit differentiation |
| 1980 | AB6 BC4 | differentiation, implicit | algebraic | implicit differentiation |
| 1978 | AB5 BC1 | differentiation, implicit | algebraic | implicit differentiation |
| 1973 | AB3 | differentiation, implicit | algebraic | implicit differentiation |
| 2007 B | AB6 | points of inflection |  | inflection point |
| 2010 B | AB3 BC3 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2010 B | AB4 BC4 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2009 B | AB1 | total change given rate of change | trigonometric | integral of a rate of change to give accumulated change |
| 2009 B | AB2 BC2 | total change given rate of change | trigonometric | integral of a rate of change to give accumulated change |
| 2009 B | AB6 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2008 B | AB2 BC2 | total change given rate of change | exponential | integral of a rate of change to give accumulated change |
| 2008 B | AB5 BC5 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2007 B | AB2 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2007 B | AB4 BC4 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2006 B | AB2 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2006 B | AB4 BC4 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2005 B | AB2 BC2 | total change given rate of change | trigonometric | integral of a rate of change to give accumulated change |
| 2005 B | AB3 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2004 B | AB2 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2003 B | AB2 | total change given rate of change | logarithmic | integral of a rate of change to give accumulated change |
| 2002 B | AB2 BC2 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2010 | AB1 BC1 | total change given rate of change | exponential | integral of a rate of change to give accumulated change |
| 2010 | AB2 BC2 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2010 | AB3 | total change given rate of change | general | integral of a rate of change to give accumulated change |
| 2009 | AB2 BC2 | total change given rate of change | algebraic | integral of a rate of change to give accumulated change |
| 2009 | AB3 | total change given rate of change | algebraic | integral of a rate of change to give accumulated change |
| 2009 | AB6 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2008 | AB2 BC2 | total change given rate of change | exponential | integral of a rate of change to give accumulated change |
| 2008 | AB3 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2008 | AB4 BC4 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2007 | AB2 BC2 | total change given rate of change | trigonometric | integral of a rate of change to give accumulated change |
| 2006 | AB2 BC2 | total change given rate of change | trigonometric | integral of a rate of change to give accumulated change |
| 2005 | AB2 | total change given rate of change | trigonometric | integral of a rate of change to give accumulated change |
| 2005 | AB3 BC3 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2005 | AB5 BC5 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2004 | AB1 BC1 | total change given rate of change | trigonometric | integral of a rate of change to give accumulated change |
| 2004 | AB3 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2002 | AB2 BC2 | total change given rate of change | algebraic | integral of a rate of change to give accumulated change |
| 2001 | AB3 BC3 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2000 | AB2 BC2 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2000 | AB3 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2000 | AB4 | total change given rate of change | algebraic | integral of a rate of change to give accumulated change |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 1999 | AB3 BC3 | total change given rate of change | algebraic | integral of a rate of change to give accumulated change |
| 1998 | AB5 BC5 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 1996 | AB3 BC3 | total change given rate of change |  | integral of a rate of change to give accumulated change |
| 2007 B | AB6 | continuity |  | Intermediate Value Theorem |
| 2006 B | AB6 | continuity |  | Intermediate Value Theorem |
| 2008 | AB2 BC2 | continuity |  | Intermediate Value Theorem |
| 2008 | AB4 BC4 | continuity |  | Intermediate Value Theorem |
| 2007 | AB3 | continuity | general | Intermediate Value Theorem |
| 2009 B | AB1 | definite integral |  | interpretation of definite integrals |
| 2009 B | AB6 | definite integral |  | interpretation of definite integrals |
| 2006 B | AB6 | definite integral |  | interpretation of definite integrals |
| 2003 B | AB3 BC3 | definite integral |  | interpretation of definite integrals |
| 2010 | AB2 BC2 | definite integral |  | interpretation of definite integrals |
| 2007 | AB5 BC5 | definite integral |  | interpretation of definite integrals |
| 2006 | AB4 BC4 | definite integral |  | interpretation of definite integrals |
| 2003 | AB3 | definite integral |  | interpretation of definite integrals |
| 2002 | AB2 BC2 | definite integral |  | interpretation of definite integrals |
| 1999 | AB3 BC3 | definite integral |  | interpretation of definite integrals |
| 1998 | AB3 | definite integral |  | interpretation of definite integrals |
| 1996 | AB3 BC3 | definite integral |  | interpretation of definite integrals |
| 2009 B | AB2 BC2 | differentiation |  | interpretation of derivative as a rate of change |
| 2007 B | AB3 BC3 | differentiation | algebraic | interpretation of derivative as a rate of change |
| 2005 B | AB2 BC2 | differentiation |  | interpretation of derivative as a rate of change |
| 2004 B | AB2 | differentiation | trigonometric | interpretation of derivative as a rate of change |
| 2003 B | AB2 | differentiation | trigonometric | interpretation of derivative as a rate of change |
| 2002 B | AB2 BC2 | differentiation | exponential | interpretation of derivative as a rate of change |
| 2005 | AB2 | differentiation | algebraic | interpretation of derivative as a rate of change |
| 2004 | AB1 BC1 | differentiation |  | interpretation of derivative as a rate of change |
| 2002 | AB2 BC2 | differentiation |  | interpretation of derivative as a rate of change |
| 2002 | AB5 | differentiation |  | interpretation of derivative as a rate of change |
| 2001 | AB2 BC2 | differentiation |  | interpretation of derivative as a rate of change |
| 1999 | AB6 | differentiation |  | interpretation of derivative as a rate of change |
| 1997 | AB1 | differentiation |  | interpretation of derivative as a rate of change |
| 1989 | AB6 | differentiation |  | interpretation of derivative as a rate of change |
| 1985 | AB2 BC1 | differentiation |  | interpretation of derivative as a rate of change |
| 1971 | AB2 | differentiation |  | interpretation of derivative as a rate of change |
| 2010 B | AB4 BC4 | derivative, graph of |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 2010 B | AB4 BC4 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 2010 B | AB6 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 2009 B | AB6 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 2007 B | AB2 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 2005 B | AB3 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 2004 B | AB3 BC3 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 2003 B | AB4 | derivative, definition |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 2002 B | AB3 | differentiation | trigonometric | interpretation of derivative in context of velocity, speed, and acceleration |
| 2009 | AB1 BC1 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 2008 | AB4 BC4 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 2006 | AB4 BC4 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 2005 | AB5 BC5 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 2004 | AB3 | differentiation | trigonometric | interpretation of derivative in context of velocity, speed, and acceleration |
| 2003 | AB2 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 2002 | AB3 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 2001 | AB3 BC3 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 2000 | AB2 BC2 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1999 | AB1 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1998 | AB3 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1995 | AB2 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1994 | AB4 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 1993 | AB2 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1992 | AB2 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1990 | AB1 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1989 | AB3 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1988 | AB2 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1987 | AB1 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1984 | AB1 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1983 | AB2 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1982 | AB1 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1981 | AB6 BC4 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1980 | AB4 BC1 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1979 | AB4 BC1 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1978 | AB4 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1977 | AB5 BC3 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1975 | AB2 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1972 | AB2 BC1 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1971 | AB6 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 1970 | AB5 | differentiation | exponential | interpretation of derivative in context of velocity, speed, and acceleration |
| 1969 | AB2 | differentiation |  | interpretation of derivative in context of velocity, speed, and acceleration |
| 2003 | AB3 | differentiation |  | interpretation of second derivative |
| 2008 | AB5 | limits |  | limits of functions |
| 2008 | AB6 | limits |  | limits of functions |
| 1998 | AB2 BC2 | limits | exponential | limits of functions |
| 1997 | AB6 BC6 | limits |  | limits of functions |
| 2009 B | AB5 BC5 | maximum, minimum |  | local extrema |
| 2007 B | AB4 BC4 | maximum, minimum | general | local extrema |
| 2007 B | AB5 | maximum, minimum |  | local extrema |
| 2002 B | AB2 BC2 | maximum, minimum |  | local extrema |
| 2002 B | AB5 BC5 | maximum, minimum |  | local extrema |
| 2010 | AB5 | maximum, minimum |  | local extrema |
| 2008 | AB6 | maximum, minimum |  | local extrema |
| 2007 | AB6 | maximum, minimum |  | local extrema |
| 2006 | AB3 | maximum, minimum |  | local extrema |
| 2005 | AB4 | maximum, minimum | general | local extrema |
| 2004 | AB4 BC4 | maximum, minimum |  | local extrema |
| 2004 | AB5 | maximum, minimum |  | local extrema |
| 2001 | AB4 BC4 | maximum, minimum |  | local extrema |
| 2000 | AB3 | maximum, minimum | general | local extrema |
| 1999 | AB4 | maximum, minimum |  | local extrema |
| 1997 | AB4 | maximum, minimum |  | local extrema |
| 1997 | AB5 BC5 | maximum, minimum |  | local extrema |
| 1996 | AB1 | maximum, minimum |  | local extrema |
| 1996 | AB4 BC4 | maximum, minimum |  | local extrema |
| 1993 | AB1 | maximum, minimum |  | local extrema |
| 1992 | AB3 | maximum, minimum |  | local extrema |
| 1989 | AB5 | maximum, minimum |  | local extrema |
| 1988 | AB4 | maximum, minimum |  | local extrema |
| 1987 | AB4 | maximum, minimum | logarithmic | local extrema |
| 1985 | AB6 | maximum, minimum | general | local extrema |
| 1983 | AB3 BC1 | maximum, minimum |  | local extrema |
| 1981 | AB3 BC1 | maximum, minimum |  | local extrema |
| 1980 | AB5 BC2 | maximum, minimum |  | local extrema |
| 1978 | AB7 BC6 | maximum, minimum |  | local extrema |
| 1977 | AB2 | maximum, minimum |  | local extrema |
| 1976 | AB5 BC3 | maximum, minimum | exponential | local extrema |
| 1975 | AB4 BC1 | maximum, minimum | trigonometric | local extrema |
| 1974 | AB2 | maximum, minimum |  | local extrema |
| 1971 | AB3 | maximum, minimum |  | local extrema |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 2010 B | AB2 | tangents |  | local linear approximation |
| 2010 | AB6 | tangents |  | local linear approximation |
| 2009 | AB5 BC5 | tangents |  | local linear approximation |
| 2007 | AB5 BC5 | tangents | general | local linear approximation |
| 2005 | AB6 | tangents |  | local linear approximation |
| 2002 | AB6 | tangents |  | local linear approximation |
| 1996 | AB6 | tangents |  | local linear approximation |
| 1995 | AB3 | tangents |  | local linear approximation |
| 1991 | AB3 | tangents |  | local linear approximation |
| 2009 B | AB3 BC3 | Mean value theorem |  | Mean Value Theorem |
| 2008 B | AB5 BC5 | Mean value theorem |  | Mean Value Theorem |
| 2007 B | AB6 | Mean value theorem | general | Mean Value Theorem |
| 2006 B | AB6 | Mean value theorem |  | Mean Value Theorem |
| 2004 B | AB3 BC3 | mean value theorem |  | Mean Value Theorem |
| 2003 B | AB5 BC5 | mean value theorem |  | Mean Value Theorem |
| 2003 B | AB3 BC3 | mean value theorem |  | Mean Value Theorem |
| 2008 | AB2 BC2 | Mean value theorem |  | Mean Value Theorem |
| 2007 | AB3 | Mean value theorem |  | Mean Value Theorem |
| 2005 | AB3 BC3 | Mean value theorem |  | Mean Value Theorem |
| 2005 | AB5 BC5 | Mean value theorem |  | Mean Value Theorem |
| 2002 | AB6 | mean value theorem |  | Mean Value Theorem |
| 1999 | AB3 BC3 | mean value theorem |  | Mean Value Theorem |
| 1997 | AB2 | mean value theorem |  | Mean Value Theorem |
| 1993 | AB3 BC1 | mean value theorem | algebraic | Mean Value Theorem |
| 1989 | AB1 | mean value theorem |  | Mean Value Theorem |
| 1979 | AB7 | mean value theorem |  | Mean Value Theorem |
| 1999 | AB1 | motion on a line | trigonometric | particle motion on a line |
| 2010 B | AB4 BC4 | motion on a line | general | particle motion on a line |
| 2010 B | AB6 | motion on a line | trigonometric | particle motion on a line |
| 2009 B | AB6 | motion on a line | general | particle motion on a line |
| 2007 B | AB2 | motion on a line | trigonometric | particle motion on a line |
| 2006 B | AB6 | motion on a line | general | particle motion on a line |
| 2005 B | AB3 | motion on a line | logarithmic | particle motion on a line |
| 2004 B | AB3 BC3 | motion on a line | general | particle motion on a line |
| 2003 B | AB4 | motion on a line | exponential | particle motion on a line |
| 2002 B | AB3 | motion on a line | exponential | particle motion on a line |
| 2009 | AB1 BC1 | motion on a line | trigonometric | particle motion on a line |
| 2008 | AB4 BC4 | motion on a line | general | particle motion on a line |
| 2005 | AB5 BC5 | motion on a line | general | particle motion on a line |
| 2004 | AB3 | motion on a line | exponential | particle motion on a line |
| 2003 | AB2 | motion on a line | trigonometric | particle motion on a line |
| 2002 | AB3 | motion on a line | trigonometric | particle motion on a line |
| 2001 | AB3 BC3 | motion on a line | general | particle motion on a line |
| 2000 | AB2 BC2 | motion on a line | algebraic | particle motion on a line |
| 1998 | AB3 | motion on a line | general | particle motion on a line |
| 1997 | AB1 | motion on a line | algebraic | particle motion on a line |
| 1995 | AB2 | motion on a line | trigonometric | particle motion on a line |
| 1994 | AB4 | motion on a line | logarithmic | particle motion on a line |
| 1993 | AB2 | motion on a line | exponential | particle motion on a line |
| 1992 | AB2 | motion on a line | algebraic | particle motion on a line |
| 1990 | AB1 | motion on a line | algebraic | particle motion on a line |
| 1989 | AB3 | motion on a line | trigonometric | particle motion on a line |
| 1988 | AB2 | motion on a line | trigonometric | particle motion on a line |
| 1987 | AB1 | motion on a line | algebraic | particle motion on a line |
| 1986 | AB3 BC1 | motion on a line | algebraic | particle motion on a line |
| 1985 | AB2 BC1 | motion on a line | trigonometric | particle motion on a line |
| 1984 | AB1 | motion on a line | algebraic | particle motion on a line |
| 1983 | AB2 | motion on a line | algebraic | particle motion on a line |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 1982 | AB1 | motion on a line | algebraic | particle motion on a line |
| 1981 | AB6 BC4 | motion on a line | trigonometric | particle motion on a line |
| 1980 | AB4 BC1 | motion on a line | exponential | particle motion on a line |
| 1979 | AB4 BC1 | motion on a line | trigonometric | particle motion on a line |
| 1978 | AB4 | motion on a line | trigonometric | particle motion on a line |
| 1977 | AB5 BC3 | motion on a line | algebraic | particle motion on a line |
| 1975 | AB2 | motion on a line | algebraic | particle motion on a line |
| 1973 | AB2 | motion on a line | algebraic | particle motion on a line |
| 1972 | AB2 BC1 | motion on a line | algebraic | particle motion on a line |
| 1971 | AB6 | motion on a line | algebraic | particle motion on a line |
| 1970 | AB5 | motion on a line | trigonometric | particle motion on a line |
| 1969 | AB2 | motion on a line | algebraic | particle motion on a line |
| 2006 | AB3 | periodicity |  | periodic functions |
| 1969 | AB1 | precalculus | exponential | periodic functions |
| 2005 B | AB4 BC4 | points of inflection |  | point of inflection |
| 2004 B | AB4 BC4 | points of inflection |  | point of inflection |
| 2003 B | AB5 BC5 | points of inflection |  | point of inflection |
| 2010 | AB5 | points of inflection |  | point of inflection |
| 2009 | AB6 | points of inflection | exponential | point of inflection |
| 2008 | AB6 | points of inflection |  | point of inflection |
| 2007 | AB6 | points of inflection |  | point of inflection |
| 2005 | AB4 | points of inflection |  | point of inflection |
| 2004 | AB5 | points of inflection |  | point of inflection |
| 2003 | AB4 BC4 | points of inflection |  | point of inflection |
| 1999 | AB4 | points of inflection |  | point of inflection |
| 1999 | AB5 BC5 | points of inflection |  | point of inflection |
| 1997 | AB5 BC5 | points of inflection |  | point of inflection |
| 1996 | AB4 BC4 | points of inflection |  | point of inflection |
| 1994 | AB1 | points of inflection |  | point of inflection |
| 1993 | AB4 BC3 | points of inflection | trigonometric | point of inflection |
| 1991 | AB5 | points of inflection |  | point of inflection |
| 1987 | AB4 | points of inflection |  | point of inflection |
| 1986 | AB1 | points of inflection |  | point of inflection |
| 1984 | AB4 BC3 | points of inflection |  | point of inflection |
| 1983 | AB3 BC1 | points of inflection |  | point of inflection |
| 1982 | AB5 BC2 | points of inflection |  | point of inflection |
| 1979 | AB7 | points of inflection |  | point of inflection |
| 1978 | AB7 BC6 | points of inflection |  | point of inflection |
| 1975 | AB4 BC1 | points of inflection |  | point of inflection |
| 2000 | AB6 | precalculus |  | range of a function |
| 1998 | AB2 BC2 | precalculus |  | range of a function |
| 1995 | AB1 | precalculus |  | range of a function |
| 1992 | AB3 | precalculus |  | range of a function |
| 1991 | AB4 | precalculus |  | range of a function |
| 1981 | AB4 | precalculus |  | range of a function |
| 1977 | AB1 | precalculus | trigonometric | range of a function |
| 1976 | AB1 | precalculus |  | range of a function |
| 1975 | AB3 | precalculus | algebraic | range of a function |
| 1974 | AB1 BC1 | precalculus |  | range of a function |
| 1973 | AB1 | precalculus |  | range of a function |
| 1971 | AB1 | precalculus |  | range of a function |
| 2010 B | AB3 BC3 | related rates |  | related rates |
| 2009 B | AB1 | related rates |  | related rates |
| 2008 B | AB2 BC2 | related rates |  | related rates |
| 2007 B | AB3 BC3 | related rates |  | related rates |
| 2002 B | AB6 | related rates |  | related rates |
| 2010 | AB1 BC1 | related rates |  | related rates |
| 2008 | AB3 | related rates | algebraic | related rates |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 2007 | AB5 BC5 | related rates |  | related rates |
| 1999 | AB6 | related rates |  | related rates |
| 1996 | AB5 | related rates |  | related rates |
| 1995 | AB5 BC3 | related rates | algebraic | related rates |
| 1994 | AB5 BC2 | related rates | algebraic | related rates |
| 1992 | AB6 | related rates |  | related rates |
| 1991 | AB6 | related rates |  | related rates |
| 1990 | AB4 | related rates | algebraic | related rates |
| 1987 | AB5 | related rates | algebraic | related rates |
| 1985 | AB5 BC2 | related rates | algebraic | related rates |
| 1984 | AB5 | related rates | algebraic | related rates |
| 1982 | AB4 | related rates | algebraic | related rates |
| 1980 | AB2 | related rates |  | related rates |
| 1977 | AB6 | related rates | algebraic | related rates |
| 1976 | AB4 | related rates | algebraic | related rates |
| 1974 | AB7 | related rates | exponential | related rates |
| 1973 | AB7 | related rates |  | related rates |
| 1972 | AB5 | related rates |  | related rates |
| 1971 | AB2 | related rates |  | related rates |
| 1970 | AB4 | related rates | algebraic | related rates |
| 2010 B | AB2 | concavity |  | relationship between the concavity of $f$ and the sign of $f$ " |
| 2009 B | AB3 BC3 | concavity |  | relationship between the concavity of $f$ and the sign of $f$ " |
| 2007 B | AB5 | concavity |  | relationship between the concavity of $f$ and the sign of $f^{\prime \prime}$ |
| 2002 B | AB4 BC4 | concavity |  | relationship between the concavity of $f$ and the sign of $f^{\prime \prime}$ |
| 2002 | AB4 BC4 | concavity |  | relationship between the concavity of $f$ and the sign of $f^{\prime \prime}$ |
| 2001 | AB4 BC4 | concavity |  | relationship between the concavity of $f$ and the sign of $f^{\prime \prime}$ |
| 2001 | AB5 | concavity |  | relationship between the concavity of $f$ and the sign of $f^{\prime \prime}$ |
| 1996 | AB1 | concavity |  | relationship between the concavity of $f$ and the sign of $f^{\prime \prime}$ |
| 1995 | AB6 | concavity |  | relationship between the concavity of $f$ and the sign of $f^{\prime \prime}$ |
| 1993 | AB1 | concavity |  | relationship between the concavity of $f$ and the sign of $f^{\prime \prime}$ |
| 1992 | AB1 | concavity |  | relationship between the concavity of $f$ and the sign of $f^{\prime \prime}$ |
| 1989 | AB5 | concavity |  | relationship between the concavity of $f$ and the sign of $f^{\prime \prime}$ |
| 1988 | AB4 | concavity |  | relationship between the concavity of $f$ and the sign of $f^{\prime \prime}$ |
| 1985 | AB6 | concavity |  | relationship between the concavity of $f$ and the sign of $f^{\prime \prime}$ |
| 1981 | AB3 BC1 | concavity |  | relationship between the concavity of $f$ and the sign of $f^{\prime \prime}$ |
| 1977 | AB2 | concavity |  | relationship between the concavity of $f$ and the sign of $f^{\prime \prime}$ |
| 1971 | AB3 | concavity |  | relationship between the concavity of $f$ and the sign of $f^{\prime \prime}$ |
| 1970 | AB3 BC2 | concavity |  | relationship between the concavity of $f$ and the sign of $f^{\prime \prime}$ |
| 1969 | AB3 BC3 | concavity |  | relationship between the concavity of $f$ and the sign of $f^{\prime \prime}$ |
| 1995 | AB1 | derivative, graph of |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $f^{\prime}$ |
| 1993 | AB1 | derivative, graph of |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $f^{\prime}$ |
| 1992 | AB1 | derivative, graph of | algebraic | relationship between the increasing and decreasing behavior of $f$ and the sign of $f^{\prime}$ |
| 2006 B | AB2 | concavity | trigonometric | relationship between the increasing and decreasing behavior of $f$ and the sign of $\mathrm{f}^{\prime}$ |
| 1986 | AB2 | derivative, graph of |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $f^{\prime}$ |
| 1979 | AB2 | derivative, graph of |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $f^{\prime}$ |
| 1977 | AB2 | derivative, graph of | algebraic | relationship between the increasing and decreasing behavior of $f$ and the sign of $f^{\prime}$ |
| 2007 | AB2 BC2 | differentiation |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $\mathrm{f}^{\prime}$ |
| 2010 | AB3 | differentiation |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $\mathrm{f}^{\prime}$ |
| 1981 | AB3 BC1 | derivative, graph of | algebraic | relationship between the increasing and decreasing behavior of $f$ and the sign of $f^{\prime}$ |
| 2006 B | AB3 BC3 | differentiation |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $\mathrm{f}^{\prime}$ |
| 2005 | AB3 BC3 | concavity |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $\mathrm{f}^{\prime}$ |
| 2008 | AB4 BC4 | differentiation |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $\mathrm{f}^{\prime}$ |
| 2007 B | AB4 BC4 | concavity |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $\mathrm{f}^{\prime}$ |
| 2002 | AB4 BC4 | derivative, graph of |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $f^{\prime}$ |
| 2002 B | AB4 BC4 | derivative, graph of |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $f^{\prime}$ |
| 2001 | AB5 | derivative, graph of |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $f^{\prime}$ |
| 1990 | AB5 | derivative, graph of |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $f^{\prime}$ |
| 1980 | AB5 BC2 | derivative, graph of |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $f^{\prime}$ |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 2009 B | AB5 BC5 | concavity |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $\mathrm{f}^{\prime}$ |
| 2008 B | AB5 BC5 | concavity | general | relationship between the increasing and decreasing behavior of $f$ and the sign of $\mathrm{f}^{\prime}$ |
| 1994 | AB6 | derivative, graph of |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $f^{\prime}$ |
| 1987 | AB6 | derivative, graph of |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $f^{\prime}$ |
| 1971 | AB7 BC3 | derivative, graph of |  | relationship between the increasing and decreasing behavior of $f$ and the sign of $f^{\prime}$ |
| 2009 | AB5 BC5 | secant line |  | secant line and concavity |
| 2010 B | AB5 | slope fields |  | slope fields and solution curves for differential equations |
| 2010 B | AB5 | slope fields | algebraic | slope fields |
| 2007 B | AB5 | slope fields | algebraic | slope fields |
| 2006 B | AB5 | slope fields | trigonometric | slope fields |
| 2005 B | AB6 | slope fields | algebraic | slope fields |
| 2004 B | AB5 | slope fields | algebraic | slope fields |
| 2008 | AB5 | slope fields | algebraic | slope fields |
| 2006 | AB5 | slope fields | algebraic | slope fields |
| 2005 | AB6 | slope fields | algebraic | slope fields |
| 2004 | AB6 | slope fields | algebraic | slope fields |
| 2006 B | AB4 BC4 | derivative, definition | algebraic | slope of a curve at a point |
| 2005 | AB5 BC5 | derivative, definition |  | slope of a curve at a point |
| 1998 | AB4 | tangents | algebraic | slope of a curve at a point |
| 2007 B | AB5 | differential equations |  | solution of a differential equation |
| 2007 | AB4 | differential equations |  | solution of a differential equation |
| 2010 B | AB5 | differential equations |  | solving separable differential equations |
| 2006 B | AB5 | differential equations |  | solving separable differential equations |
| 2006 B | AB5 | differential equations |  | solving separable differential equations |
| 2005 B | AB6 | differential equations |  | solving separable differential equations |
| 2004 B | AB5 | differential equations |  | solving separable differential equations |
| 2003 B | AB6 | differential equations |  | solving separable differential equations |
| 2002 B | AB5 BC5 | differential equations |  | solving separable differential equations |
| 2010 | AB6 | differential equations |  | solving separable differential equations |
| 2008 | AB5 | differential equations |  | solving separable differential equations |
| 2006 | AB5 | differential equations |  | solving separable differential equations |
| 2005 | AB6 | differential equations |  | solving separable differential equations |
| 2004 | AB6 | differential equations |  | solving separable differential equations |
| 2003 | AB5 BC5 | differential equations |  | solving separable differential equations |
| 2001 | AB6 | differential equations |  | solving separable differential equations |
| 2000 | AB6 | differential equations | exponential | solving separable differential equations |
| 1998 | AB4 | differential equations |  | solving separable differential equations |
| 1997 | AB6 BC6 | differential equations | algebraic | solving separable differential equations |
| 1993 | AB6 | differential equations | exponential | solving separable differential equations and using them in modeling |
| 1992 | AB6 | differential equations | algebraic | solving separable differential equations |
| 1989 | AB6 | differential equations | exponential | solving separable differential equations |
| 1974 | AB7 | differential equations |  | solving separable differential equations |
| 2009 | AB5 BC5 | tangents |  | tangent line and concavity |
| 2007 | AB5 BC5 | tangents |  | tangent line and concavity |
| 2001 | AB4 BC4 | concavity |  | tangent line and concavity |
| 2010 B | AB2 | tangents |  | tangent line to a curve at a point |
| 2009 B | AB5 BC5 | tangents |  | tangent line to a curve at a point |
| 2008 B | AB4 | tangents |  | tangent line to a curve at a point |
| 2008 B | AB6 | tangents |  | tangent line to a curve at a point |
| 2006 B | AB2 | tangents |  | tangent line to a curve at a point |
| 2005 B | AB5 BC5 | tangents |  | tangent line to a curve at a point |
| 2005 B | AB6 | tangents |  | tangent line to a curve at a point |
| 2004 B | AB4 BC4 | tangents |  | tangent line to a curve at a point |
| 2003 B | AB1 BC1 | tangents |  | tangent line to a curve at a point |
| 2002 B | AB2 BC2 | tangents |  | tangent line to a curve at a point |
| 2010 | AB6 | tangents | algebraic | tangent line to a curve at a point |
| 2009 | AB5 BC5 | tangents |  | tangent line to a curve at a point |
| 2008 | AB6 | tangents | logarithmic | tangent line to a curve at a point |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 2006 | AB3 | tangents |  | tangent line to a curve at a point |
| 2006 | AB6 | tangents |  | tangent line to a curve at a point |
| 2005 | AB6 | tangents |  | tangent line to a curve at a point |
| 2003 | AB4 BC4 | tangents |  | tangent line to a curve at a point |
| 2002 | AB6 | tangents |  | tangent line to a curve at a point |
| 2000 | AB5 BC5 | tangents |  | tangent line to a curve at a point |
| 1999 | AB4 | tangents | exponential | tangent line to a curve at a point |
| 1999 | AB6 | tangents | algebraic | tangent line to a curve at a point |
| 1998 | AB4 | tangents |  | tangent line to a curve at a point |
| 1998 | AB6 | tangents |  | tangent line to a curve at a point |
| 1997 | AB2 | tangents | trigonometric | tangent line to a curve at a point |
| 1997 | AB5 BC5 | tangents |  | tangent line to a curve at a point |
| 1996 | AB4 BC4 | tangents | trigonometric | tangent line to a curve at a point |
| 1996 | AB6 | tangents | algebraic | tangent line to a curve at a point |
| 1995 | AB3 | tangents |  | tangent line to a curve at a point |
| 1994 | AB1 | tangents | algebraic | tangent line to a curve at a point |
| 1994 | AB3 | tangents |  | tangent line to a curve at a point |
| 1993 | AB3 BC1 | tangents |  | tangent line to a curve at a point |
| 1992 | AB5 BC2 | tangents | exponential | tangent line to a curve at a point |
| 1991 | AB3 | tangents | trigonometric | tangent line to a curve at a point |
| 1989 | AB1 | tangents |  | tangent line to a curve at a point |
| 1987 | AB2 | tangents |  | tangent line to a curve at a point |
| 1986 | AB1 | tangents |  | tangent line to a curve at a point |
| 1985 | AB1 | tangents |  | tangent line to a curve at a point |
| 1984 | AB2 | tangents |  | tangent line to a curve at a point |
| 1983 | AB1 | tangents |  | tangent line to a curve at a point |
| 1982 | AB7 | tangents |  | tangent line to a curve at a point |
| 1981 | AB1 | tangents |  | tangent line to a curve at a point |
| 1980 | AB6 BC4 | tangents |  | tangent line to a curve at a point |
| 1978 | AB1 | tangents |  | tangent line to a curve at a point |
| 1976 | AB1 | tangents |  | tangent line to a curve at a point |
| 1975 | AB5 | tangents |  | tangent line to a curve at a point |
| 1974 | AB1 BC1 | tangents |  | tangent line to a curve at a point |
| 1974 | AB3 | tangents | algebraic | tangent line to a curve at a point |
| 1973 | AB3 | tangents |  | tangent line to a curve at a point |
| 1972 | AB1 | tangents |  | tangent line to a curve at a point |
| 1972 | AB3 BC2 | tangents |  | tangent line to a curve at a point |
| 1969 | AB7 | tangents |  | tangent line to a curve at a point |
| 2003 | AB6 | continuity | algebraic | understanding continuity in terms of limits |
| 2002 | AB6 | continuity |  | understanding continuity in terms of limits |
| 1986 | AB4 | continuity | algebraic | understanding continuity in terms of limits |
| 1981 | AB5 BC2 | continuity | algebraic | understanding continuity in terms of limits |
| 1980 | AB7 | continuity | algebraic | understanding continuity in terms of limits |
| 1979 | AB6 | continuity |  | understanding continuity in terms of limits |
| 1977 | AB7 BC6 | continuity |  | understanding continuity in terms of limits |
| 1976 | AB2 | continuity |  | understanding continuity in terms of limits |
| 1975 | AB3 | continuity |  | understanding continuity in terms of limits |
| 2009 B | AB1 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 2009 B | AB4 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 2006 B | AB6 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 2004 B | AB6 BC6 | fundamental theorem | algebraic | use of the Fundamental Theorem to evaluate definite integrals |
| 2003 B | AB4 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 2010 | AB4 BC4 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 2009 | AB2 BC2 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 2009 | AB4 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 2009 | AB5 BC5 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 2005 | AB3 BC3 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 2003 | AB6 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 2002 | AB6 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 2001 | AB5 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 2000 | AB4 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1994 | AB2 BC1 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1993 | AB3 BC1 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1992 | AB2 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1992 | AB5 BC2 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1991 | AB1 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1991 | AB2 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1990 | AB1 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1990 | AB3 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1989 | AB2 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1988 | AB3 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1988 | AB5 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1988 | AB6 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1987 | AB3 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1986 | AB5 BC2 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1986 | AB6 BC3 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1985 | AB3 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1985 | AB4 BC3 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1984 | AB3 BC1 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1983 | AB4 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1982 | AB3 BC1 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1981 | AB2 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1981 | AB7 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1980 | AB1 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1980 | AB4 BC1 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1979 | AB5 BC5 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1979 | AB7 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1978 | AB4 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1978 | AB6 BC3 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1977 | AB3 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1976 | AB3 BC2 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1975 | AB3 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1974 | AB6 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1973 | AB4 BC2 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1973 | AB7 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1972 | AB3 BC2 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1972 | AB6 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1971 | AB2 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1971 | AB5 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1970 | AB1 BC1 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1970 | AB6 BC5 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1970 | AB7 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1969 | AB5 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 1969 | AB6 | fundamental theorem |  | use of the Fundamental Theorem to evaluate definite integrals |
| 2008 B | AB6 | tangents |  | vertical tangents |
| 2000 | AB5 BC5 | tangents |  | vertical tangents |
| 1994 | AB3 | tangents |  | vertical tangents |
| 1992 | AB4 BC1 | tangents |  | vertical tangents |
| 1978 | AB5 BC1 | tangents |  | vertical tangents |
| 1970 | AB3 BC2 | tangents |  | vertical tangents |
| 2010 B | AB1 BC1 | volume |  | volume of a solid of revolution |
| 2009 B | AB4 | volume |  | volume of a solid of revolution |
| 2008 B | AB1 | volume |  | volume of a solid of revolution |
| 2007 B | AB1 BC1 | volume |  | volume of a solid of revolution |
| 2006 B | AB1 BC1 | volume | trigonometric | volume of a solid of revolution |
| 2005 B | AB1 | volume | exponential | volume of a solid of revolution |


| Year | Number | General Topics | Function Type | Course Description Topics |
| :---: | :---: | :---: | :---: | :---: |
| 2004 B | AB1 | volume |  | volume of a solid of revolution |
| 2003 B | AB1 BC1 | volume |  | volume of a solid of revolution |
| 2002 B | AB1 | volume |  | volume of a solid of revolution |
| 2010 | AB4 BC4 | volume |  | volume of a solid of revolution |
| 2009 | AB4 | volume |  | volume of a solid of revolution |
| 2007 | AB1 BC1 | volume |  | volume of a solid of revolution |
| 2006 | AB1 BC1 | volume | algebraic | volume of a solid of revolution |
| 2005 | AB1 BC1 | volume | exponential | volume of a solid of revolution |
| 2004 | AB2 BC2 | volume |  | volume of a solid of revolution |
| 2003 | AB1 BC1 | volume | algebraic | volume of a solid of revolution |
| 2002 | AB1 BC1 | volume | logarithmic | volume of a solid of revolution |
| 2001 | AB1 | volume | trigonometric | volume of a solid of revolution |
| 2000 | AB1 BC1 | volume | trigonometric | volume of a solid of revolution |
| 1999 | AB2 BC2 | volume |  | volume of a solid of revolution |
| 1998 | AB1 | volume |  | volume of a solid of revolution |
| 1997 | AB2 | volume |  | volume of a solid of revolution |
| 1995 | AB4 BC2 | volume | algebraic | volume of a solid of revolution |
| 1994 | AB2 BC1 | volume |  | volume of a solid of revolution |
| 1993 | AB3 BC1 | volume |  | volume of a solid of revolution |
| 1992 | AB5 BC2 | volume |  | volume of a solid of revolution |
| 1991 | AB2 | volume | algebraic | volume of a solid of revolution |
| 1990 | AB3 | volume | algebraic | volume of a solid of revolution |
| 1989 | AB2 | volume |  | volume of a solid of revolution |
| 1988 | AB3 | volume | algebraic | volume of a solid of revolution |
| 1987 | AB3 | volume | algebraic | volume of a solid of revolution |
| 1986 | AB6 BC3 | volume |  | volume of a solid of revolution |
| 1985 | AB3 | volume |  | volume of a solid of revolution |
| 1984 | AB3 BC1 | volume |  | volume of a solid of revolution |
| 1983 | AB4 | volume |  | volume of a solid of revolution |
| 1982 | AB3 BC1 | volume |  | volume of a solid of revolution |
| 1981 | AB2 | volume |  | volume of a solid of revolution |
| 1980 | AB1 | volume |  | volume of a solid of revolution |
| 1979 | AB5 BC5 | volume |  | volume of a solid of revolution |
| 1978 | AB6 BC3 | volume |  | volume of a solid of revolution |
| 1977 | AB3 | volume |  | volume of a solid of revolution |
| 1976 | AB3 BC2 | volume |  | volume of a solid of revolution |
| 1975 | AB6 BC2 | volume |  | volume of a solid of revolution |
| 1973 | AB4 BC2 | volume |  | volume of a solid of revolution |
| 1972 | AB6 | volume | algebraic | volume of a solid of revolution |
| 1971 | AB5 | volume | algebraic | volume of a solid of revolution |
| 1970 | AB6 BC5 | volume | exponential | volume of a solid of revolution |
| 1969 | AB5 | volume |  | volume of a solid of revolution |
| 2010 B | AB1 BC1 | volume-slicing |  | volume of a solid with known cross section |
| 2009 B | AB4 | volume-slicing |  | volume of a solid with known cross section |
| 2008 B | AB1 | volume-slicing |  | volume of a solid with known cross section |
| 2005 B | AB1 | volume-slicing |  | volume of a solid with known cross section |
| 2003 B | AB3 BC3 | volume-slicing |  | volume of a solid with known cross section |
| 2002 B | AB1 | volume-slicing |  | volume of a solid with known cross section |
| 2010 | AB4 BC4 | volume-slicing |  | volume of a solid with known cross section |
| 2009 | AB4 | volume-slicing |  | volume of a solid with known cross section |
| 2008 | AB1 BC1 | volume-slicing | algebraic | volume of a solid with known cross section |
| 2007 | AB1 BC1 | volume-slicing |  | volume of a solid with known cross section |
| 2004 | AB2 BC2 | volume-slicing |  | volume of a solid with known cross section |
| 2003 | AB1 BC1 | volume-slicing |  | volume of a solid with known cross section |
| 2000 | AB1 BC1 | volume-slicing |  | volume of a solid with known cross section |
| 1996 | AB2 | volume-slicing |  | volume of a solid with known cross section |
| 1996 | AB5 | volume-slicing | algebraic | volume of a solid with known cross section |

