

De Anza Wireless Deployment Plan

| | A | B | C | D |
|----|--|--|--------------------------------|---|
| 1 | De Anza College Campus Wireless (see attached worksheets for details on # of Access points per room and cost) | | | |
| 2 | Deployment Prioritization Plan | | | |
| 3 | Infrastructure Equipment required to support further deployment | Notes | Estimated Cost to Fully Deploy | Status |
| 4 | | Must be purchased before large scale deployment can be accomplished. | \$196,253 | Waiting for accurate quote from ARUBA 2 controllers |
| 5 | Estimated additional wiring and power installations | For those areas not wired for wireless or where additional Access Points are required and for the Large outdoor areas such as parking structures and lots - for the life of the project - 10 to 15 years under Measure C | \$100,000 | Placeholder |
| 6 | Refresh of Wireless equipment as technology changes and needs change at the College | | \$100,000 | Gross Est. |
| 7 | | Unless the Library feels there are areas where more coverage is required. If this is the case it will cost about \$1200 per Access point and there may be wiring installation costs. Such as in these specific areas: LC123, LC237 - will require 2 Access points each. There will most likely be power and data cabling installation costs. | | |
| 8 | Library (main building) | | \$4,800 | Complete |
| 9 | Campus Center (9) | Dining Hall and Fireside | \$0 | Complete |
| 10 | | 5 conference room areas | \$6,000 | |
| 11 | | Conference rooms A/B | \$4,800 | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |
| 16 | | | | |

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| 3 | Deployment Prioritization Plan | Notes | Estimated Cost to Fully Deploy | Status |
| 33 | CDC (19) | CD1-11,CD1-12,CD16,CD17,CD2-28,CD21,CD25,CD1-10,CD1-13,CD1-14,CD1-15, CD1-16 | \$22,800 | |
| 34 | | | | |
| 35 | E Quad (20) | E12,E22,E12A,E12B,E12C,E13A,E21,E23,E25,E34,E36 | \$24,000 | |
| 36 | | | | |
| 37 | East Cottage (4) | Classroom, small class conf room | \$4,800 | ESTIMATE |
| 38 | | | | |
| 39 | FORUM (14) | FOR1,FOR3,FOR4 | \$16,800 | |
| 40 | | | | |
| 41 | G Quad (13) | G10,G3,G4,G8,G9,G1 | \$15,600 | |
| 42 | | | | |
| 43 | L Quad (55) | L42B,L21,L22,L24,L27 L28,L31,L32,L33,L34,L35,L42,L43,L45,L46 L48,L49,L61,L62,L63,L65,L66,L73A,L82,L83,L23 L26 | \$66,000 | |
| 44 | | | | |
| 45 | LCW (3) | LCW16,LCW26 | \$3,600 | Done already? |
| 46 | | | | |
| 47 | Mediated Learning Center (20) | 10 Classrooms, Café area, outdoor area? | \$24,000 | ESTIMATE |
| 48 | | | | |
| 49 | MCC (7) | MCC-10,MCC-17 | \$8,400 | ESTIMATE |
| 50 | | | | |
| 51 | Miscellaneous Meeting Rooms around the Campus (4) | MTGRM1,MTGRM2,MTGRM1 MTGRM2 | \$4,800 | |

| A | B | C | D | E | F |
|-------------------------|----------|--------------|-------------|----------------------------------|---------------------------------------|
| | Room | Max Capacity | Description | Number of Wireless Access Points | Cost per wirele 802.11a/b/g (AP70) |
| 1 | | | | | |
| 2 | | | | | |
| 3 | CD1-11 | 12 | | 1 | \$600 |
| 4 | CD1-12 | 12 | | 1 | \$600 |
| 5 | KC201 | 15 | | 1 | \$600 |
| 6 | MTGRM1 | 15 | | 1 | \$600 |
| 7 | MTGRM2 | 15 | | 1 | \$600 |
| 8 | S84 | 15 | | 1 | \$600 |
| 9 | CD1-13 | 16 | | 1 | \$600 |
| 10 | CD1-14 | 16 | | 1 | \$600 |
| 11 | AT104 | 18 | | 1 | \$600 |
| 12 | DWELL/PE | 18 | | 1 | \$600 |
| 13 | A25 | 20 | | 1 | \$600 |
| 14 | A72 | 20 | | 1 | \$600 |
| 15 | CD1-15 | 20 | | 1 | \$600 |
| 16 | CD1-16 | 20 | | 1 | \$600 |
| 17 | E12 | 20 | | 1 | \$600 |
| 18 | E22 | 20 | | 1 | \$600 |
| 19 | L42B | 20 | | 1 | \$600 |
| 20 | LCW16 | 20 | | 1 | \$600 |
| 21 | PE650 | 20 | | 1 | \$600 |
| 22 | | | | | |
| 23 | | | | | |
| TOTAL ROOMS = 19 | | | | 19 | \$11,400 |

| A | B | C | D | E | F | G | H |
|----|---------|--------------|-------------------|----------------------------------|--|---------|----------|
| | Room | Max Capacity | Description | Number of Wireless Access Points | Cost per wireless access point 802.11a/b/g | 802.11n | Discount |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | ADM 103 | 40 | | 2 | \$1,200 | \$2,400 | |
| 4 | ADM 102 | 40 | | 2 | \$1,200 | \$2,400 | |
| 5 | ADM 101 | 30 | | 2 | \$1,200 | \$2,400 | |
| 6 | A51 | 30 | | 2 | \$1,200 | \$2,400 | |
| 7 | A52 | 25 | | 2 | \$1,200 | \$2,400 | |
| 8 | A65 | 25 | | 2 | \$1,200 | \$2,400 | |
| 9 | A71 | 30 | | 2 | \$1,200 | \$2,400 | |
| 10 | A81 | 24 | | 2 | \$1,200 | \$2,400 | |
| 11 | A86 | 24 | | 2 | \$1,200 | \$2,400 | |
| 12 | A91 | 30 | | 2 | \$1,200 | \$2,400 | |
| 13 | A93 | 30 | | 2 | \$1,200 | \$2,400 | |
| 14 | A94 | 30 | | 2 | \$1,200 | \$2,400 | |
| 15 | AT101 | 26 | | 2 | \$1,200 | \$2,400 | |
| 16 | AT102 | 30 | | 2 | \$1,200 | \$2,400 | |
| 17 | AT103 | 30 | | 2 | \$1,200 | \$2,400 | |
| 18 | AT107 | 24 | | 2 | \$1,200 | \$2,400 | |
| 19 | AT202 | 40 | | 2 | \$1,200 | \$2,400 | |
| 20 | AT204 | 40 | | 2 | \$1,200 | \$2,400 | |
| 21 | AT205 | 40 | | 2 | \$1,200 | \$2,400 | |
| 22 | AT301 | 30 | | 2 | \$1,200 | \$2,400 | |
| 23 | AT303 | 30 | | 2 | \$1,200 | \$2,400 | |
| 24 | AT305 | 30 | General Lecture | 2 | \$1,200 | \$2,400 | |
| 25 | AT307 | 35 | | 2 | \$1,200 | \$2,400 | |
| 26 | AT311 | 30 | | 2 | \$1,200 | \$2,400 | |
| 27 | AT312 | 32 | | 2 | \$1,200 | \$2,400 | |
| 28 | AT313 | 30 | | 2 | \$1,200 | \$2,400 | |
| 29 | CD16 | 40 | | 2 | \$1,200 | \$2,400 | |
| 30 | CD17 | 30 | | 2 | \$1,200 | \$2,400 | |
| 31 | CD2-28 | 25 | | 2 | \$1,200 | \$2,400 | |
| 32 | CD21 | 40 | | 2 | \$1,200 | \$2,400 | |
| 33 | CD25 | 40 | | 2 | \$1,200 | \$2,400 | |
| 34 | E12A | 24 | General Classroom | 2 | \$1,200 | \$2,400 | |
| 35 | E12B | 24 | General Classroom | 2 | \$1,200 | \$2,400 | |
| 36 | E12C | 24 | General Classroom | 2 | \$1,200 | \$2,400 | |
| 37 | E13A | 24 | General Classroom | 2 | \$1,200 | \$2,400 | |
| 38 | E21 | 24 | | 2 | \$1,200 | \$2,400 | |
| 39 | E23 | 24 | | 2 | \$1,200 | \$2,400 | |
| 40 | E25 | 35 | General Classroom | 2 | \$1,200 | \$2,400 | |
| 41 | E34 | 40 | General Classroom | 2 | \$1,200 | \$2,400 | |

| A | B | C | D | E | F | G | H |
|-----|--------|--------------------------|-------------------|----------------------------------|--|-----------|------------------|
| | Room | Max Capacity | Description | Number of Wireless Access Points | Cost per wireless access point 802.11a/b/g | 802.11n | Discount |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 81 | PE673 | 40 | | 2 | \$1,200 | \$2,400 | |
| 82 | S11 | 35 | | 2 | \$1,200 | \$2,400 | |
| 83 | S15 | 35 | | 2 | \$1,200 | \$2,400 | |
| 84 | S17 | 35 | | 2 | \$1,200 | \$2,400 | |
| 85 | S41 | 36 | General Classroom | 2 | \$1,200 | \$2,400 | |
| 86 | S42 | 30 | | 2 | \$1,200 | \$2,400 | |
| 87 | S48 | 30 | | 2 | \$1,200 | \$2,400 | |
| 88 | S49 | 36 | General Classroom | 2 | \$1,200 | \$2,400 | |
| 89 | S51 | 30 | | 2 | \$1,200 | \$2,400 | |
| 90 | S52 | 30 | | 2 | \$1,200 | \$2,400 | |
| 91 | S54 | 40 | General Lecture | 2 | \$1,200 | \$2,400 | |
| 92 | S71 | 30 | General Classroom | 2 | \$1,200 | \$2,400 | |
| 93 | S72 | 35 | General Classroom | 2 | \$1,200 | \$2,400 | |
| 94 | S73 | 30 | | 2 | \$1,200 | \$2,400 | |
| 95 | S74 | 30 | | 2 | \$1,200 | \$2,400 | |
| 96 | S82 | 40 | | 2 | \$1,200 | \$2,400 | |
| 97 | S83 | 40 | | 2 | \$1,200 | \$2,400 | |
| 98 | SC2106 | 32 | | 2 | \$1,200 | \$2,400 | |
| 99 | SC2108 | 28 | | 2 | \$1,200 | \$2,400 | |
| 100 | SC2116 | 26 | | 2 | \$1,200 | \$2,400 | |
| 101 | SC2118 | 26 | | 2 | \$1,200 | \$2,400 | |
| 102 | SC2202 | 28 | | 2 | \$1,200 | \$2,400 | |
| 103 | SC2204 | 28 | | 2 | \$1,200 | \$2,400 | |
| 104 | SC2208 | 28 | | 2 | \$1,200 | \$2,400 | |
| 105 | SC2210 | 28 | | 2 | \$1,200 | \$2,400 | |
| 106 | SC3101 | 32 | | 2 | \$1,200 | \$2,400 | |
| 107 | SC3103 | 32 | | 2 | \$1,200 | \$2,400 | |
| 108 | SEM1A | 40 | General Classroom | 2 | \$1,200 | \$2,400 | |
| 109 | SEM3 | 30 | General Classroom | 2 | \$1,200 | \$2,400 | |
| 110 | SEM5 | 30 | General Classroom | 2 | \$1,200 | \$2,400 | |
| 111 | SEM8 | 30 | General Classroom | 2 | \$1,200 | \$2,400 | |
| 112 | | | | | | | |
| 113 | | | | | | | |
| 114 | | | | | | | |
| | | TOTAL ROOMS = 107 | | 218 | \$130,800 | \$261,600 | \$183,120 |

| A | B | C | D | E | F | | G | | H | |
|----|---|-----------|---|---|------------------|--------------|-------------|----------------------------------|---|--|
| | | | | | Room | Max Capacity | Description | Number of Wireless Access Points | | Cost per wireless access point 802.11a/b/g |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | ✓ | A31 | Classroom (Row - Tiered Seating/ Theater) | 4 | | \$2,400 | \$4,800 | \$4,800 | | |
| 4 | ✓ | AT107 | Classroom (Row - Tiered Seating/ Theater) | 2 | | \$1,200 | \$2,400 | \$2,400 | | |
| 5 | ✓ | AT120 | Classroom (Row - Tiered Seating/ Theater) | 5 | | \$3,000 | \$6,000 | \$6,000 | | |
| 6 | ✓ | FOR1 | Classroom (Row - Tiered Seating/ Theater) | 6 | | \$3,600 | \$7,200 | \$7,200 | | |
| 7 | ✓ | FOR3 | Classroom (Row - Tiered Seating/ Theater) | 4 | | \$2,400 | \$4,800 | \$4,800 | | |
| 8 | ✓ | FOR4 | Classroom (Row - Tiered Seating/ Theater) | 4 | | \$2,400 | \$4,800 | \$4,800 | | |
| 9 | ✓ | L23 | Classroom (Row - Tiered Seating/ Theater) | 3 | | \$1,800 | \$3,600 | \$3,600 | | |
| 10 | ✓ | L26 | Classroom (Row - Tiered Seating/ Theater) | 3 | | \$1,800 | \$3,600 | \$3,600 | | |
| 11 | ✓ | MCC-10 | Classroom (Row - Tiered Seating/ Theater) | 3 | | \$1,800 | \$3,600 | \$3,600 | | |
| 12 | ✓ | MCC-17 | Classroom (Row - Tiered Seating/ Theater) | 4 | | \$2,400 | \$4,800 | \$4,800 | | |
| 13 | ✓ | S32 | Classroom (Row - Tiered Seating/ Theater) | 5 | | \$3,000 | \$6,000 | \$6,000 | | |
| 14 | ✓ | S34 | Classroom (Row - Tiered Seating/ Theater) | 4 | | \$2,400 | \$4,800 | \$4,800 | | |
| 15 | ✓ | S35 | Classroom (Row - Tiered Seating/ Theater) | 3 | | \$1,800 | \$3,600 | \$3,600 | | |
| 16 | ✓ | SC1102 | Classroom (Row - Tiered Seating/ Theater) | 4 | | \$2,400 | \$4,800 | \$4,800 | | |
| 17 | ✓ | KC112 | Classroom (Reception Style - Tables & Chairs) | 2 | | \$1,200 | \$2,400 | \$2,400 | | |
| 18 | ✓ | KC113 | Classroom (Reception Style - Tables & Chairs) | 2 | | \$1,200 | \$2,400 | \$2,400 | | |
| 19 | ✓ | KC115 | Classroom (Reception Style - Tables & Chairs) | 4 | | \$2,400 | \$4,800 | \$4,800 | | |
| 20 | ✓ | FIRESD | Conference Room (Rounds of 10) | 4 | | \$2,400 | \$4,800 | \$4,800 | | |
| 21 | ✓ | CONFA | Conference Room | 2 | | \$1,200 | \$2,400 | \$2,400 | | |
| 22 | ✓ | CONFB | Conference Room | 2 | | \$1,200 | \$2,400 | \$2,400 | | |
| 23 | ✓ | DONBAU | Conference Room | 1 | | \$600 | \$1,200 | \$1,200 | | |
| 24 | ✓ | LAMARGTA | Conference Room | 1 | | \$600 | \$1,200 | \$1,200 | | |
| 25 | ✓ | MAINRM | Conference Room | 1 | | \$600 | \$1,200 | \$1,200 | | |
| 26 | ✓ | MTGRM1 | Conference Room | 1 | | \$600 | \$1,200 | \$1,200 | | |
| 27 | ✓ | MTGRM2 | Conference Room | 1 | | \$600 | \$1,200 | \$1,200 | | |
| 28 | ✓ | SANTACZ | Conference Room | 1 | | \$600 | \$1,200 | \$1,200 | | |
| 29 | ✓ | STAFFLNGE | Conference Room | 1 | | \$600 | \$1,200 | \$1,200 | | |
| 30 | ✓ | ADM106 | Conference Room - Table w/chairs | 1 | | \$600 | \$1,200 | \$1,200 | | |
| 31 | ✓ | ADM109 | Conference Room - Table w/chairs | 2 | | \$1,200 | \$2,400 | \$2,400 | | |
| 32 | ✓ | ELCLEM | Conference Room - Table w/chairs | 3 | | \$1,800 | \$3,600 | \$3,600 | | |
| 33 | ✓ | SCS146 | Conference Room - Table w/chairs | 1 | | \$600 | \$1,200 | \$1,200 | | |
| 34 | ✓ | SCS202 | Conference Room - Table w/chairs | 1 | | \$600 | \$1,200 | \$1,200 | | |
| 35 | | | | | | | | | | |
| 36 | | | | | | | | | | |
| 37 | | | | | | | | | | |
| | | | | | TOTAL ROOMS = 37 | | | | | |
| | | | | | 85 | \$51,000 | \$102,000 | \$71,400 | | |