



Associate in Science Transfer (AS-T) Degree Requirements

Engineering/Computer Science/Physics/Atmospheric Sciences

2016-2017 Degree Worksheet

Department	Course Number	Course Credits	Quarter Completed	Notes (see reverse side for list of appropriate classes)
Communication		5 Credits		
English				◆ Select either: ENGL& 101 <i>or</i> 102 (5 credits required).
Math		10 Credits		
				◆ Two courses at or above calculus.
				◆ Select from: MATH& 151, 152, 153, 254, MATH 243, 255
Humanities & Social/ Behavioral Sciences		15 Credits		
				◆ Complete at least one course from each of the two groups listed on the reverse side.
				◆ Courses must be selected from three different subject areas with a total of 15 credits required.
				◆ No more than 5 credits in any World Languages.
Pre Major Courses 1. Science		5 Credits		
				Refer to the reverse side.
				◆ Any Science based on program requirements <i>or</i> CHEM& 161 for Engineering majors
Pre Major Courses 2. Math		5 Credits		
				◆ Select either: MATH& 146 <i>or</i> 153 (5 credits required).
Pre Major Courses 3. Computer Programming Language		5 Credits		
				◆ As advised for specific discipline/institution.
Pre Major Courses 4. Physics		15 Credits		
				Select one of the following sequences:
				◆ PHYS& 134/124, 135/125, 136/126 <i>or</i>
				◆ PHYS& 241/231, 242/232, 243/233
Electives (Program Specific Under Advisement)		30 Credits		
				The remaining 30 quarter credits should be planned with the help of an advisor based on the requirements of the specific discipline at the baccalaureate institution the student selects to attend. For Engineering disciplines, these credits should include a design component consistent with ABET accreditation standards.
				**Some baccalaureate programs require physics with calculus.
				*** A single course cannot count in two areas.

NOTICE: For transferring students, 75 of the 90 credits must be fully transferable as defined by the Intercollege Relations Commission (ICRC) guidelines for the Direct Transfer Agreement to be honored by four-year institutions in Washington. A maximum of 15 elective credits may be professional/technical courses numbered 100 or above. Due to the specialized nature of many of the listed courses, students should consult their advisor and the catalog of the four-year institution to which they plan to transfer for specific degree requirements.

DISCLAIMER: During the period this guide is in circulation, there may be curriculum revisions and program changes. Students are responsible for consulting the appropriate academic unit or advisor for current and specific information. The information in this guide is subject to change and does not constitute an agreement between the College and the student.

Communication (5 credits)

- ◆ ENGL& 101 or 102

Math (10 credits)

- ◆ MATH& 151, 152, 153, 254, MATH 243, 255

Humanities / Social & Behavioral Science (15 credits)

Complete at least one course from each of the following groups. Courses must be selected from three different subjects.

Group 1:

- ◆ ART& 100, ART 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

Group 2:

- ◆ PSYC& 100, 200, 220, PSYC 103, 201, 205, 209, 217, 270
- ◆ SOC& 101, 201, SOC 110, 150, 269
- ◆ ANTH& 100, 204, 206, 234
- ◆ ECON& 201, 202, ECON 110, 291
- ◆ GEO 150
- ◆ HIST& 146, 147, 148, HIST 107, 108, 110, 111, 112, 113, 115, 116, 117, 233
- ◆ ICS 255
- ◆ POLS& 201, 202, 203, 204, POLS 104, 205
- ◆ SSCI 290/291

Pre Major Courses (45 credits)

Pre major 1 (5 credits)

Any Science based on program requirements or CHEM& 161 for Engineering majors

Pre major 2 (5 credits)

- ◆ MATH& 146 or MATH& 153

Pre major 3 (5 credits)

As advised for specific discipline/institution

Pre major 4 (15 credits)

- ◆ PHYS& 134/124, 135/125, 136/126 or
- ◆ PHYS& 241/231, 242/232, 243/233

Electives (Program Specific Under Advisement)

The remaining 30 quarter credits should be planned with the help of an advisor based on the requirements of the specific discipline at the baccalaureate institution the student selects to attend. For Engineering disciplines, these credits should include a design component consistent with ABET accreditation standards.

**Some baccalaureate programs require physics with calculus.

*** A single course cannot count in two areas.

Sequences of courses should be completed at one institution. Select courses based on the requirements or the specific discipline at the baccalaureate institution you plan to attend.

The Associate of Science degree does NOT guarantee that the student has met the general education requirements at the transfer baccalaureate institution.

NOTE:

- ◆ Required minimum credits 90.
- ◆ Required minimum cumulative GPA 2.0.
- ◆ At least one-third of the college-level, degree applicable credits must be taken at CBC.
- ◆ Depending on your major, some course choices may be more appropriate than others.
- ◆ Consult with your counselor or faculty advisor.

