



Round Rock Master Plan for Advancing Higher Education

A visionary collaboration with:



TEXAS A&M
HEALTH SCIENCE CENTER



Opportunities

Spirit of Collaboration

Relevant Courses & Programs

Smart Investment

Seamless Transitions

Standards of Excellence

Economic Vitality

Flexibility

Committed Leadership

Quality of Place

Responsive Community



Round Rock Master Plan for Advancing Higher Education

Table of Contents

Vision & Values	2
Round Rock: City of Choice for Talent	3
Purposeful Collaboration	4
Communication & Outreach	5
Student Pathway Scenarios (graphic)	6
About Us	7
▪ Round Rock Independent School District	
▪ Austin Community College	
▪ Texas State University–San Marcos, Round Rock Higher Education Center	
▪ Texas A&M Health Science Center	
Program Offerings	12
▪ Round Rock Independent School District	
▪ Austin Community College	
▪ Texas State University–San Marcos, Round Rock Higher Education Center	
▪ Texas A&M Health Science Center	



Round Rock Master Plan for Advancing Higher Education

Vision & Values

Vision

The community envisions partnering of our educational institutions to provide quality, efficient higher education opportunities that attract talent and sustain economic vitality in Round Rock and Central Texas.

We Value...

- Education of all citizens to their maximum ability and desire
- Cooperation among educational institutions
- Sharing resources (e.g. facilities, faculty) to minimize duplication
- Seamless transitions for students among educational institutions
- Embracing emerging technologies and market conditions
- Communication of opportunities



Round Rock Master Plan for Advancing Higher Education

Round Rock – City of Choice for Talent

Excerpts from *Game On, 2060*, the Strategic Plan for the City of Round Rock adopted by the City Council on April 23, 2009:

2060 Vision: The City of Choice for the Talent that will shape the future – Round Rock will be the City of Choice for entrepreneurs, business leaders, researchers, educators and members of the various creative professions who want to combine professional accomplishment and achievement with a culturally rich, recreationally and socially diverse lifestyle.

The Strategic Plan identifies seven key strategic initiatives for the City of Round Rock, including the area of Talent & Human Capital:

Talent and Human Capital: The experience of growth and professional development: This strategy recognizes and builds on three realities. One, learning is lifelong. To succeed, one can never stop learning. Two, the knowledge economy will dominate the next 50 years. In the knowledge economy human capital is the most important form of capital. Third, the character of any community is determined by the people who populate it. If Round Rock is to be economically competitive and prosperous, it must be attractive to a culturally diverse range of people with the talent to make it so.



Round Rock Master Plan for Advancing Higher Education

Purposeful Collaboration

In order to fulfill the vision of the community, cooperation and collaboration among Round Rock's educational institutions is critical. This requires formal and informal communication among the various stakeholders. To facilitate this communication, the Round Rock Master Plan for Advancing Higher Education Collaboration Team will meet formally at least once annually, and as-needed throughout the year to monitor progress and issues needing attention. This master plan represents a commitment to ongoing communication and is expected to evolve over time as programming and priorities change.

Collaboration Team includes representatives from:

- Austin Community College
- City of Round Rock
- Round Rock Chamber of Commerce
- Round Rock Independent School District
- Texas A&M Health Science Center
- Texas State University

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On the Web:
www.roundrocktexas.gov/highereducation



Round Rock Master Plan for Advancing Higher Education

Communication & Outreach

Higher education opportunities and options abound in Round Rock. It is essential that these opportunities are communicated to appropriate parties – current and prospective students, faculty, employers, businesses, prospective business relocations, legislators, local elected officials, journalists and the general public (locally and regionally).

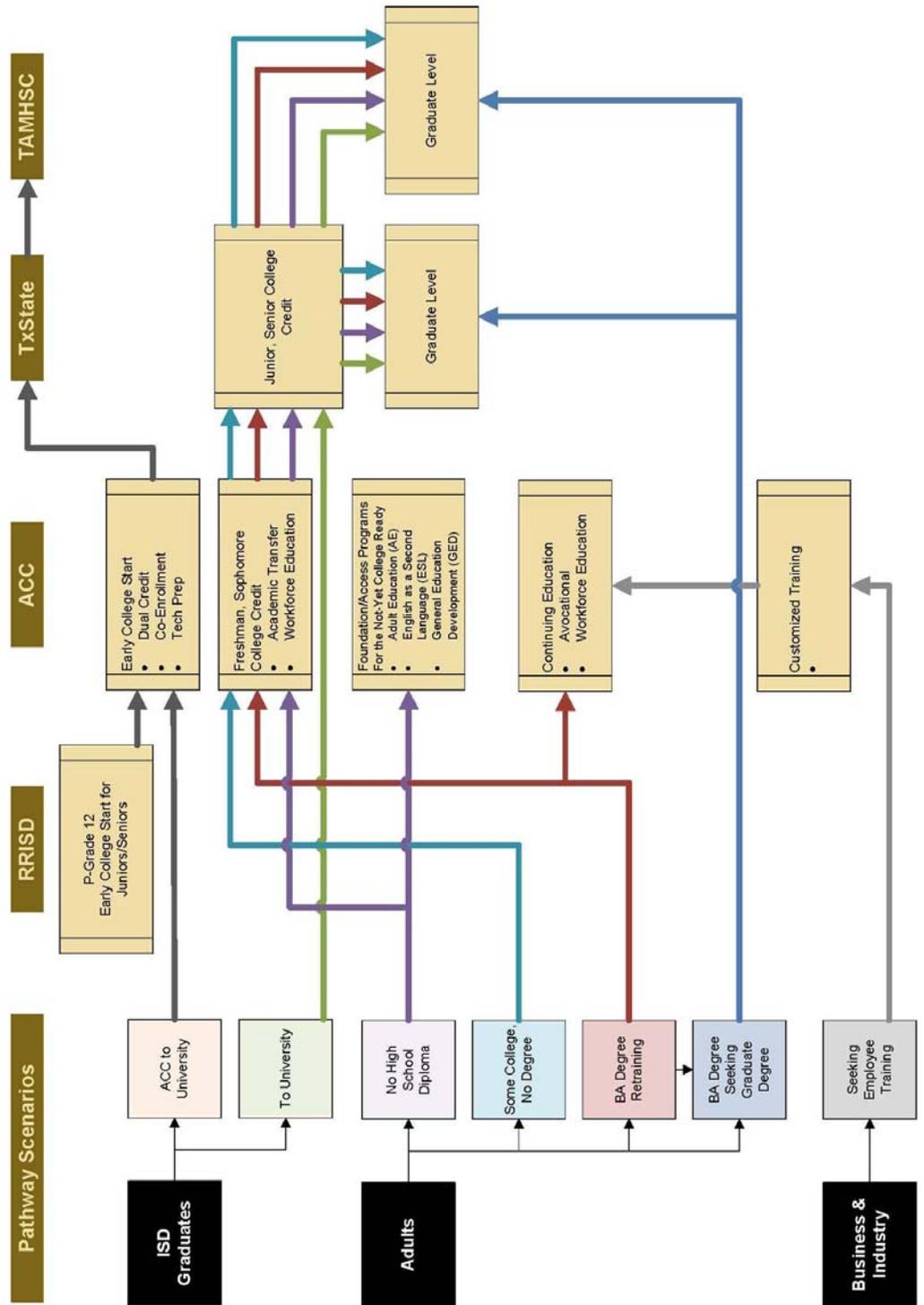
In addition to collaborating on programming and cost-sharing, the Round Rock Master Plan for Advancing Higher Education Collaboration Team will encourage effective communication to highlight both Round Rock’s unique higher education opportunities and quality of place:

Round Rock is...

- One of Best Places to Live, Work and Play (Kiplinger)
- Among Best Cities for Relocating Families (Primacy & Worldwide ERC)
- One of 100 Best Communities for Young People (America’s Promise)
- Designated the “Sports Capital of Texas” (www.sportscapitaloftexas.com)

Round Rock Master Plan for Advancing Higher Education

Higher Education Opportunities in Round Rock, Texas





Round Rock Master Plan for Advancing Higher Education

About Us

The following pages include a one-page summary about these education institutions in Round Rock:

- ✚ Round Rock Independent School District
- ✚ Austin Community College
- ✚ Texas State University – San Marcos,
Round Rock Higher Education Center
- ✚ Texas A&M Health Science Center



Round Rock Master Plan for Advancing Higher Education

Round Rock Independent School District

Round Rock ISD is committed to providing quality education and promoting life-long learning in partnership with its community and surrounding higher education institutes. Teachers, administrators and all employees in the district encourage students starting at the elementary school level to begin preparing for life after high school the first day they walk into our classrooms. All students are taught from their first day of school to plan on attending community college, a four-year university or an institute of higher education. RRISD embraces the opportunity to collaborate with Austin Community College, Texas State University, Texas A&M Health Science Center, and all higher education centers. These partnerships will ensure a seamless transition from high school to community college, four-year universities and graduate-level courses for our students.

Through articulation and dual-credit agreements with Austin Community College, a smooth transition has been created in multiple career pathways from high school to community college which allows all students the option to earn college credit while in high school. The collaboration of ACC and the Round Rock ISD Academies provides a coherent sequence of courses which build career programs of study, and pathways for post-high-school learning. For some professions, it can take years to accumulate the education and training required to practice them, and laying the groundwork in high school for a profession in the fields of engineering, medicine, business and many others will help students accelerate their career goals.

The community college and universities are vital to the economic growth of the Round Rock community as students will be able to reach their maximum educational potential while being able to stay close to home and, in turn, be a valuable contributor to the local economy. The efforts of this collaboration ensure that the Round Rock community has a workforce that is ready to meet the needs of 21st century and beyond.



Round Rock Master Plan for Advancing Higher Education

Austin Community College

Austin Community College is the primary gateway to higher education for our region, and is the primary trainer and re-trainer of the Central Texas workforce. The College enrolls more than 37,000 credit students per semester, and an additional 13,500 non-credit and adult education students annually.

Statewide, Texas community colleges now enroll 54% of all public higher education students, more than 70% of all new students entering Texas higher education, and 78% of all Texas minority students. In this region, more area high school graduates choose ACC than any other college or university, and ACC is the primary source of transfers to area four-year universities, including both Texas State University and the University of Texas.

ACC is committed to the highest quality education for our students, and to working closely with area universities as well as our business and industry partners to maintain these standards. ACC meets the same accreditation standards as area four-year institutions, and ACC transfer students perform as well or better than students who begin at a four-year university. ACC workforce students are highly valued by business and industry, and consistently have one of the highest licensure exam pass rates in the state. 62% of this region's nurses come from ACC, as do the overwhelming majority of all allied health professionals, including 84% of local first responders.

The ACC Round Rock Campus will be located on 84 acres in the heart of the Avery Center mixed-use development complex at the northern edge of the City of Round Rock. This campus will ultimately include nine buildings, with five to be completed in Phase I (the first development phase), and serve a maximum of 11,000–12,000 students. The initial build-out will give Round Rock access to a full range of instructional programs and support services, including Academic Transfer, Workforce Education and Training, Continuing Education, Access Programs (for those not yet college ready), and Comprehensive Student Support services.

ACC continues to provide this level of service to our region while maintaining the lowest tuition rate in our region (\$39 per credit hour for in-district) and one of the lowest ad-valorem tax rates in Texas (0.09 per \$100 for ACC vs. 0.15 state average).



Round Rock Master Plan for Advancing Higher Education

Texas State University – San Marcos Round Rock Higher Education Center (RRHEC)

The Texas State Round Rock Higher Education Center (RRHEC) provides a variety of upper level and graduate programs that respond to the expressed needs of Round Rock citizens. Texas State coordinates with Austin Community College (ACC), which provides instruction in the first and second years, by delivering programs needed by ACC students. Texas State will offer a variety of health-related programs at the RRHEC that complement those provided by ACC and the Texas A&M Health Science Center.

- Texas State provides nine undergraduate programs including degrees in business, education, communication, criminal justice and computer science.
- Texas State offers 11 graduate programs including degrees in business, computer science, education, public administration and communication.
- Texas State will offer a Bachelor of Science in Nursing degree in 2010 at the RRHEC.
- Texas State will offer a variety of health-related degrees at the RRHEC as buildings become available.



Round Rock Master Plan for Advancing Higher Education

Texas A&M Health Science Center – Round Rock campus

Most of the health science centers in Texas are based in one location and typically include a teaching hospital or clinical facility. The University of Texas System health science centers in San Antonio, Galveston and Houston, for example, follow this single-location model. The Texas A&M Health Science Center, on the other hand, offers many of the same degree programs and training facilities as the other institutions, but using a "distributed" (geographically dispersed) model.

The Texas A&M Health Science Center has seven components in various locations in Texas – the Baylor College of Dentistry in Dallas; the College of Medicine in College Station, Corpus Christi, Round Rock and Temple; the Graduate School of Biomedical Sciences in College Station, Dallas and Houston; the Institute of Biosciences and Technology in Houston; the College of Nursing in College Station; the Irma Lerma Rangel College of Pharmacy in Kingsville; and the School of Rural Public Health in College Station with distance education programs in Austin, McAllen and Temple. In addition, a variety of educational and outreach programs occur through two regional centers – the Coastal Bend Health Education Center serving a 19-county region (housed in Corpus Christi) and the South Texas Center serving counties along the Texas-Mexico border (housed in McAllen).

A Health Professions Education Center is currently under construction in Round Rock, with anticipated occupancy in fall 2009. Academic programs that will have a presence there include Medicine (for third- and fourth-year students engaged in clinical instruction) and Pharmacy (for fourth-year students engaged in clinical instruction), with plans for Nursing pending available funding (for students pursuing a Bachelor of Science in Nursing through an accelerated program), and potentially Rural Public Health (for students pursuing a Master of Public Health). Although most of the administrative support for these programs will remain based in Bryan/College Station, a full complement of student services will be provided to the HSC students located in Round Rock. The HSC master plan for the Round Rock campus calls for increased program growth and students over the next five years (with a targeted student population in Round Rock of 160 to 180 by 2012).



Round Rock Master Plan for Advancing Higher Education

Program Offerings

The following pages include a synopsis of program offerings for:

- ✚ Round Rock Independent School District
- ✚ Austin Community College
- ✚ Texas State University–San Marcos,
Round Rock Higher Education Center
- ✚ Texas A&M Health Science Center



Round Rock Master Plan for Advancing Higher Education

Round Rock Independent School District

The following courses are currently offered for dual credit and Tech Prep articulation credit through Austin Community College. Students are earning high school and college credit while in high school.

RRISD Tech Prep Articulated Courses with Austin Community College

High School Course	Austin Community College Course Equivalent
Introduction to Graphic Careers	Technical Drafting (DFTG 1405)
Architectural Graphic Design II	Architectural Residential Drafting (DFTG 1417)
Mechanical/Engineering Design II	Mechanical Drafting (DFTG 1433)
Mechanical/Engineering Design I Or Architectural Graphic Design I	Intermediate Computer-Aided Drafting (DFTG 2419)
Automotive Technology 2 and Introduction to Transportation Service Careers and Automotive Technology 1	Introduction to Automotive Technology (AUMT 1405) and Automotive Brake Systems (AUMT 1410) and Suspension and Steering (AUMT 1416)
Scientific Research and Design: Advanced Biotechnology	Introduction to Biotechnology (BITC 1311)
Business Computer Information Systems I or Business Computer Information Systems II	Integrated Software Applications I (ITSC 1309)
Networking Essentials	Fundamentals of Networking Technologies (ITNW 1325)
Basic Computer Technology (A+)	Personal Computer Hardware (ITSC 1425)
Internet Communications and Web Design	Web Design Tool (ITSE 1401)
AP Computer Science II	Object Oriented Programming (ITSE 2321)
Culinary Arts II And prerequisite Culinary Arts I Introduction to Culinary	Nutrition for the Food Service Profession (IFWA 1318) Basic Food Preparation (CHEF 1301) and Introduction to the Hospitality Industry (HAMG 1308) and Sanitation and Safety (CHEF 1205)
Food Science and Technology And prerequisite Nutrition and Food Science	Nutrition for the Food Service Profession (IFWA 1318)
Electronics I	DC Circuits (CETT 1403) and AC Circuits (CETT 1425)
Electronics II	Solid State Devices (CETT 1429) and Digital Fundamentals (CETT 1425)
Digital Electronics	Digital Fundamentals (CETT 1429)
Introduction to Health Science Technology	Introduction to Health Professions (HPRS 1201)
Medical Terminology	Medical Terminology (HPRS 1206)
Health Science Technology I	Introduction to Health Professions (HPRS 1201)
Health Science Technology II	Disease Control and Prevention (VNSG 1115)
PL/Hospitality Services I	Introduction to the Hospitality (HAMG 1321)
PL/Hospitality Services II	Front Office Procedures (HAMG 1313)
Principles of Marketing	Principles of Marketing (MRKG 1311)
Introduction to Media Technology	Introduction to Television Technology (RTVB 1305)
Media Technology I	TV Field Production (RTVB 1305)
Media Technology II	Lighting for Film and Video (FLMC 1304)
Business Image Management and Multimedia	Digital Imaging I (ARTC 1402)
Agricultural Mechanics I And prerequisites Introduction to Agricultural Mechanics and Agricultural Fabrication	Introduction to Welding Using Multiple Processes (WLDG 1407)



Round Rock Master Plan for Advancing Higher Education

RRISD Dual Credit Courses with Austin Community College

RRISD Course Number	RRISD Course Title	RRISD Credit	ACC Course Number	ACC Course Title	ACC Course Hours
English Language Arts					
1132	English III	1.0	ENGL 1301 & ENGL 1302 & ENGL 2327	English Composition I & English Composition II & American Literature I	3 3 3
1142	English IV	1.0	ENGL 1301 & ENGL 1302 & ENGL 2322	English Composition I & English Composition II & British Literature I	3 3 3
1500	Creative Writing	1.0	ENGL 2307	Creative Writing	3
Mathematics					
3222	Algebra II	0.5	MATH 1314	College Algebra	3
3700 or 3701	Math Independent Study (equivalent to Calculus AB)	0.5	MATH 2413	Calculus I	4
Science					
4405	Environmental Systems	1.0	BIOL 2206 & BIOL 2106	Environmental Biology + Lab	3
4511	Geology, Meteorology, and Oceanography	1.0	GEOL 1403 & GEOL 1445	Physical Geology (lecture/lab) and Intro to Oceanography (lecture/lab)	4 4
4132	Chemistry	1.0	CHEM 1305 & CHEM 1105	Introduction to Chemistry and Introduction to Chemistry Lab	4
4241	Physics	1.0	PHYS 1401 & PHYS 1402	General College Physics I (lecture/lab) and General College Physics II (lecture/lab)	4 4
4510	Astronomy	1.0	ASTR 1403	Stellar Astronomy with lab	4
5621	Anatomy & Physiology of Human Systems	1.0	BIOL 2304 & BIOL 2101 & BIOL 2305 and BIOL 2102	Human Anatomy (Lecture/Lab) Human Physiology (Lecture/Lab)	4 4
Social Studies					
2332	U.S. History	1.0	HIST 1301 & HIST 1302	United States I and United States History II	3 3
2604	Economics (macro)	0.5	ECON 2301	Principles of Macroeconomics	3
2608	Economics (micro)	0.5	ECON 2302	Principles of Microeconomics	3
2442	Government	0.5	GOVT 2305	United States Government	3
2502	Psychology	0.5	PSYC 2301	Introduction to Psychology	3
2501	Sociology	0.5	SOCI 1301	Introduction to Sociology	3
Languages Other Than English					
8551	ASL I	1.0	SLNG 1404	American Sign Language (ASL) I	5
8552	ASL II	1.0	SLNG 1405	American Sign Language (ASL) II	5
8553	ASL III	1.0	SLNG 1444	American Sign Language (ASL) III	3
8554	ASL IV	1.0	SLNG 1445	American Sign Language (ASL) IV	3
8610	Chinese I	1.0	CHIN 1511	Chinese I	5
8611	Chinese II	1.0	CHIN 1512	Chinese II	5
8612	Chinese III	1.0	CHIN 2311	Chinese III	3
8613	Chinese IV	1.0	CHIN 2312	Chinese IV	3
8112	French I	1.0	FREN 1511	French I	5
8122	French II	1.0	FREN 1512	French II	5



Round Rock Master Plan for Advancing Higher Education

RRISD Course Number	RRISD Course Title	RRISD Credit	ACC Course Number	ACC Course Title	ACC Course Hours
8133	French III	1.0	FREN 2311	French III	3
8212	German I	1.0	GERM 1511	German I	5
8222	German II	1.0	GERM 1512	German II	5
8231	German III	1.0	GERM 2311	German III	3
8510	Japanese I	1.0	JAPN 1511	Japanese I	5
8511	Japanese II	1.0	JAPN 1512	Japanese II	5
8512	Japanese III	1.0	JAPN 2311	Japanese III	3
8514	Japanese IV	1.0	JAPN 2312	Japanese IV	3
8312	Latin I	1.0	LATI 1511	Latin I	5
8322	Latin II	1.0	LATI 1512	Latin II	5
8332	Latin III	1.0	LATI 2311	Latin III	3
8412	Spanish I	1.0	SPAN 1511	Spanish I	5
8422	Spanish II	1.0	SPAN 1512	Spanish II	5
8431	Spanish III	1.0	SPAN 2311	Spanish III	3
8515	Russian I	1.0	RUSS 1511	Level I Russian	5
8516	Russian II	1.0	RUSS 1512	Level II Russian	5
8517	Russian III	1.0	RUSS 2311	Russian III	3
8518	Russian IV	1.0	RUSS 2312	Russian IV	3
Computer Courses					
5742	Business Computer Information Systems I	1.0	COSC 1301	Personal Computing	3
3921	Computer Science I	1.0	COSC 1315	Fundamentals of Programming	3
Health/P.E.					
6310	Health	0.5	KINE 1304	Personal Health	3
6310	Health	0.5	KINE 1305	Community Health	3
6017	Aerobic Activity	0.5	KINE 1101	Kinesiology	1
Speech					
1511	Communication Applications	0.5	SPCH 1311	Introduction to Speech	3
Career and Technical Education					
5751	Accounting	1.0	ACCT 2301	Accounting Principles	3
5756	Business Law	0.5	BUSI 2301	Business Law	3
5847	Mechanical/Eng Design	1.0	DFTG 1405	Technical Drafting	4
Fine Arts					
7320	Art II – Drawing	1.0	ARTS 1316	Drawing I	3
7330	Art III or IV– Drawing	1.0	ARTS 1317	Drawing II	3
7321	Art II – Painting	1.0	ARTS 2316	Painting I	3
7331	Art III or IV– Painting	1.0	ARTS 2317	Painting II	3
7322	Art II – Ceramics	1.0	ARTS 2346	Ceramics I	3
7332	Art III or IV– Ceramics	1.0	ARTS 2347	Ceramics II	3
7326	Art II – Sculpture	1.0	ARTS 2326	Sculpture I	3
7336	Art III or IV– Sculpture	1.0	ARTS 2327	Sculpture II	3
79001 79011	Intermediate Acting: Children’s Theatre/Comedy	0.5 0.5	DRAMA 1351	Acting I	3
7465 7466 7467	Technical Theatre II, III or IV	1.0 1.0	DRAMA 1330	Stagecraft	3
74801	Advanced Lighting/Stage Design	1.0	DRAMA 1330	Stagecraft	3
7465	Technical Theatre II – Costume Design	1.0	DRAMA 1342	Intro to Costume	3
72751	Musical Theatre I	0.5	DRAMA 1161	Musical Theatre	1
71251	Dance II – Ballet	1.0	DANCE 1141	Ballet I	1
71351	Dance III or IV – Ballet	1.0	DANCE 1142	Ballet II	1
71241	Dance II – Jazz Dance	1.0	DANCE 1147	Jazz Dance I	1
71341	Dance III or IV – Jazz	1.0	DANCE 1148	Jazz Dance II	1



Round Rock Master Plan for Advancing Higher Education

RRISD Course Number	RRISD Course Title	RRISD Credit	ACC Course Number	ACC Course Title	ACC Course Hours
	Dance				
72931	Music Theory II	1.0	MUSIC 1311	Music Theory I	3
72101	Piano Performance I	1.0	MUSIC 1181	Piano Class II	1
72201	Piano Performance II, III or IV	1.0	MUSIC 1182	Piano Class II	1



Round Rock Master Plan for Advancing Higher Education

Austin Community College - Round Rock campus

Instructional Programming

Developmental Education:

- Reading
- Writing
- Math

Core Curriculum:

- English
- Speech
- Foreign Languages
- Math
- Sciences:
 - Biology
 - Chemistry
- Physical Sciences
- Humanities
- History
- Government
- Economics
- Psychology
- Other General Academic Courses

Continuing Education:

- Short-Term, Focused Workforce and Technical Training

Workforce Education:

- Health Sciences:
 - Associate Degree Nursing
 - Radiology
 - Sonography
 - Medical Laboratory Technology
 - Surgical Technology
 - Allied Health
- Applied Technology:
 - Automotive
 - Welding
 - Building Construction
- Advanced Technology:
 - Computer Science/Computer Information Systems
 - Electronics
 - Biotechnology
- Business
 - Accounting
 - Management
 - Marketing
 - Office Administration



Round Rock Master Plan for Advancing Higher Education

Texas State University – San Marcos Round Rock Higher Education Center (RRHEC)

Current Program Offerings

Bachelor's Degrees:

- BAAS, major in Applied Arts and Sciences-Individualized Program
- BSCJ, major in Criminal Justice-Law Enforcement
- BBA, major in Computer Information Systems
- BBA, major in Management
- BS, major in Interdisciplinary Studies (Early Childhood – 4th)
- BA, major in Mass Communication
- BS, major in Psychology
- BS, BA, major in Computer Science (two unique majors)

Master's Degrees:

- MED, major in Management of Technical Education
- MSIS, major in Interdisciplinary Studies
- MBA, major in Business Administration
- MED, major in Elementary Education
- MED, major in Counseling and Guidance
- MED, major in Educational Leadership
- MA, major in Professional Counseling
- MA, major in Technical Communication
- MPA, major in Public Administration
- MA, MS, major in Computer Science (one major with thesis and non-thesis options)
- MS, major in Software Engineering

Certificate programs:

- Computer Information Systems (no bachelor's degree required)
- Computer Science
- Mediation
- Certified Public Manager (no bachelor's degree required)
- Professional Ethics
- Healthcare Administration
- Healthcare Human Resource Management



Round Rock Master Plan for Advancing Higher Education

Texas State University – San Marcos Round Rock Higher Education Center continued

Future Plans

Nursing building:

BSN, major in Nursing (beginning fall 2010)

Health Professions building #1:

Clinical Laboratory Science, Communication Disorders, Physical Therapy, and Respiratory Care

Health Professions building #2:

Dean of Health Professions, Center for Health Professions Research, Health Administration, Health Information Management, and Radiation Therapy

